

295

HAMILTON YARD (CONSTRUCTION)

F/ D. STERNMAN OFFICE FILES

10/26/99

oil sep. have cleaned out & jet O i m usual.
↓

Bob must have.

- lag in waste oil separator pipe. supposed to be gravity
- Skunks will repair broken pipes in oil separator system.
- vent pipe supposed to go up 8', but are flush
he will correct



New York City
Department of Transportation

40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Wilbur L. Chapman, Commissioner

CONFIDENTIAL
MEMORANDUM

TO: Leon Heyward
Deputy Commissioner

FROM: David Sterman *David Sterman*
Asphalt Operations

DATE: July 16, 1999

RE: Fire Department Issues at Hamilton Avenue Asphalt Plant

On June 30, 1999 the Fire Department performed an inspection at the Hamilton Asphalt Plant. Following their visit, they issued five violations to the plant and requested that we take care of them right away. They assured us that they will be following up on these issues. They also suggested several additional corrective steps for us to take here.

1. A violation was issued for the plant having several discharged fire extinguishers on the premises. All extinguishers have to be labeled, maintained, and inspected. In response this item, the plant has sufficient charged fire extinguishers in its inventory. They are being placed accordingly throughout the facility.
2. A second violation was issued for our failure to provide unlocked egress at the Hamilton Avenue exit in front of one of our locker rooms. On the month that we moved into this facility in June 1998, we had a break in through that very door. Over \$1,000 of parts and tools were stolen from the facility. The Hamilton Ave. exits are improperly designed for a 24 hour facility in this neighborhood. To secure the building for the benefit of both our workers here day and night, and also our equipment inventory, we had the Bridges Ironworkers install iron gates which we padlocked shut. The padlock keys are affixed to the inside of the door in the event of fire. This was unacceptable to the FD inspectors. They recommended that we have easily visible lift bars attached directly to the doors that can quickly identified and removed by anyone in the event of fire. We are scheduling a meeting with the Director of Facilities to request the installation of this material on the two sets of double doors facing Hamilton Ave. This will eliminate the need for padlocks on the iron gates. In the interim, we have removed the padlocks even though I am not comfortable with the security situation that it presents for our night personnel.

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3. We received an additional violation for our failure to properly maintain and label the fire suppression system in good working order. I believe the primary problem here is the type of system installed by the DDC contract. The fire sensors throughout the facility are sensitive to both heat and dust. At any asphalt plant, a lot of dust is generated by routine production operations. The result is the fire alarms continually being activated. We receive multiple daily calls from the alarm company and the Fire Department also routinely arrives on site responding to false alarms generated by this system. Often the system reactivates immediately after we reset it. We sent a memo to the Director of Facilities on July 1, 1999 that outlined a number of contractual problems with the DDC fire system at this facility. One item in that correspondence was a request that the existing sensors be replaced with thermal activated units (not responsive to dust, only heat). This may require the purchase of these items.
4. Our fourth violation was a result of our overdue test of the fire suppression system. The Fire Department mandates a test of the foam system for the A/C pit every two years. I have provided you with the reasons that we are unable to schedule a test for the system at this time. The foam system at Hamilton is close to twenty years old and consists of outdated technology. We lack a Fiscal 2000 purchase order with the company that we have been using for well over ten years to maintain it, J & J Fire Safety Corp. If we had the PO, the parts required are frequently unavailable due to the age of the system. Even more serious than the parts issue is the fact that the only person from J & J willing to come here to work on the system is the company's President. All other company personnel claim to be unable to work with this ancient system. They do not have the experience or knowledge of how it functions, or the ability to repair it. The few times other J & J personnel have come on site, they were not successful in performing the required maintenance. At present, the company President apparently is out of work with a serious illness. We have been unable to determine when or if he is returning to work. Again, until we have a purchase order with them to do the work this is academic. My long term response to this situation is to begin preparing a CP request to OMB to obtain funding to construct a new foam system to replace the current outdated model. I will start this next month following the bid opening date for the asphalt storage silo contract.
5. The final violation that we received concerns our failure to have posted Certificates of Fitness to Supervise Bulk Oil Plants. This certificate concerns knowledge of the foam system's operation in the event of its activation. Two workers here always maintained these certificates. One retired in December 1998. The second employee, the Plant Manager, had an expired permit when the Fire Department was on site. He is studying to retake this test. One other worker on site is maintaining an active certificate. And the plant SHR is also preparing to obtain this certificate. It does involve significant preparations to take the Bulk Oil Supervisor test. We are proceeding as swiftly as possible to obtain a sufficient number of permitted personnel on site. You should be aware that the plant manager has more than twenty years and the plant SHR more than ten years of experience with the operation of the Hamilton foam system even though their permits are not currently in place.
6. The Fire Department inspectors also gave us several verbal warnings. They complained about the dirt and refuse on site, the lack of proper storage of oxygen and acetylene tanks and other torch related equipment, the location of our spare foam

canisters, and the lack of signage for Fire Department purposes. We immediately had the Arterial WEP crew make a site visit and they did an excellent job picking up refuse on site. They have already returned once and did a thorough job both visits. We explained to the Fire Department that much of the mess on site belongs to the DDC contractors and is out of our control. The oxygen and acetylene and torch equipment have been properly stored and the foam canisters relocated adjacent to the A/C pit. We put in a request to the Maspeth Sign Shop who agreed to construct the required sign for the Siamese FD connection on the control tower. The last comment from the Fire Department concerned calls that they had received about personnel using burning torches here without required certificates. We are in the process of having each of the laborers on site obtain their burning certificate. We are doing this one by one so that we will not be required to shut down and be unable to produce asphalt for any given shift.

If you have any questions on any of this material, do not hesitate to contact me. We are dealing with each of these issues as swiftly as is possible with our current resources.

cc: T. Siano

fd-mem.doc



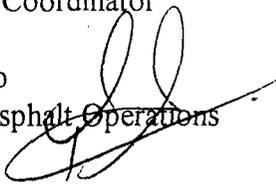
**New York City
Department of Transportation**

40 Worth Street, New York, New York 10013 • 212/442-7000

**Christopher R. Lynn,
Commissioner**

MEMORANDUM

TO: Arup Das
DDC Project Coordinator

FROM: Thomas Siano
Director of Asphalt Operations 

DATE: July 30, 1997

RE: Modifications in the Scope of Dredging at the Hamilton Plant

I received drawings and approve of the revisions to limit the depth of dredging from 12' to 10' below mean low water, and to omit dredging in the area adjacent to the north section of the main office facility.

cc: A. Fasulo, D. Seminera, W. Eisenberg.

MEMORANDUM

TO: D/C Leon Heyward
FROM: Thomas Siano
DATE: August 31, 1999
RE: Problems with Fire Department at Hamilton Yard

be required to take action. ~~be required~~

The Fire Department came to Hamilton Yard again this afternoon in response to a false alarm. My staff informed me that this is at least the third time this week that they have responded to an incorrect alarm. This has been ongoing for months here. The Fire Department personnel from the Battalion Chief on down were quite upset about this situation. They declared that if some steps were not taken shortly to rectify this situation they were going to. Dave Sterman reported to me that when they made their surprise inspection last Wednesday they made similar comments.

The fire alarm system in this building is an incorrect design for an asphalt plant and I do not even believe that it works correctly as designed. It is all but impossible for anyone here to reset the system once it is activated and it is basically activated every day. I have discussed this situation for months with Frank D'Arpino from DDC and to the best of my knowledge he has been unable to set up the necessary change orders or even get the company that installed the system here back to repair it or reset it or take any action at all.

I am very nervous about this situation. I can easily see the Fire Department shutting down this asphalt plant or this building. The worst part is that this is all separate from the problems that we have with the foam system. I am ready to discuss this situation with anyone from DDC.

cc: H. Bass, C. Becker, F. D'Arpino/DDC

othmem3/18

MEMORANDUM

TO: D/C Leon Heyward
FROM: Thomas Siano
DATE: August 31, 1999
RE: Problems with Fire Department at Hamilton Yard

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The fire alarm system in this building is an incorrect design for an asphalt plant and I do not even believe that it works correctly as designed. It is all but impossible for anyone here to reset the system once it is activated and it is basically activated every day. I have discussed this situation for months with Frank D'Arpino from DDC and to the best of my knowledge he has been unable to set up the necessary change orders or even get the company that installed the system here back to repair it or reset it or take any action at all.

I am very nervous about this situation. I can easily see the Fire Department shutting down this asphalt plant or this building. The worst part is that this is all separate from the problems that we have with the foam system. I am ready to discuss this situation with anyone from DDC.

cc: H. Bass, C. Becker, F. D'Arpino/DDC

othmem3/18



New York City
Department of Transportation

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Tel: 212/676-0868
Fax: 212/442-7007

Wilbur L. Chapman, Commissioner

MEMORANDUM

TO: D/C Leon Heyward
FROM: Thomas Siano
DATE: August 31, 1999
RE: Fire Department Issues at Hamilton Yard

The Fire Department came to Hamilton Yard again this afternoon in response to a false alarm. My staff informed me that this is at least the third time this week that they have responded to an incorrect alarm. This has been ongoing for months here. The Fire Department personnel from the Battalion Chief on down were quite upset about this situation. They declared that if some steps were not taken shortly to rectify this situation they were going to be required to take action. Dave Sterman reported to me that when they made their surprise inspection last Wednesday they made similar comments. He also reported that they took your name and address this past Wednesday.

The fire alarm system in this building is an incorrect design for an asphalt plant. I do not even believe that it works correctly as it was designed. It is all but impossible for anyone here--even staff trained by the installation crew--to reset the system once it is activated. And it is basically activated every day. I have discussed this situation for months with Frank D'Arpino from DDC and to the best of my knowledge he has been unable to set up the necessary change orders or even get the company that installed the system here back to repair it or reset it or take any action at all.

I am very nervous about this situation. I can easily see the Fire Department shutting down this building or even the entire asphalt plant over this state of affairs. The worst part is that this is all separate from the problems that we have with the plant foam system. I am ready to discuss this situation with anyone from DDC to find a solution to this problem.

cc: H. Bass, C. Becker, F. D'Arpino/DDC

othmem3/18

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D.E.C

718-482-4933

ext 7143

Jacob

482 4933

ext 7143

left message 10:00 7/24

boom in place by Chris Charles
Miller Environmental

preliminary determination: create

MILLER ENVIRONMENTAL GROUP INC.

P.O. # _____

DATE 7/23/99

DAILY JOB REPORT

CUSTOMER NEW YORK CITY DEPARTMENT OF TRANS. Phone 718 3694244

BILLING ADDRESS 448 HAMILTON AVE BROOKLYN N.Y. 11232

LOCATION OF WORK SAME.

JOB DESCRIPTION INSPECT LEACHING BULKHEAD, DETERMINATION

AMOUNT OF ROOM & EQUIP NEEDED FOR 7/24/98

MATERIALS _____ SUBCONTRACTORS _____

EQUIPMENT (1) UTILITY TRK # 66C

WORKER PROTECTION LEVEL -

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
<u>W. ... Charles, C</u>	<u>4</u>		

DAILY OPERATIONS 14 30 SECURED 15 30 SUBSISTENCE _____

DISPOSAL _____

APPROVED [Signature]
CUSTOMER REPRESENTATIVE

BILL GRP. # _____

30607

MILLER ENVIRONMENTAL GROUP INC.

P.O. # _____

DATE 7/22/99
SATURDAY

DAILY JOB REPORT

CUSTOMER NEW YORK CITY D.O.T Phone _____

BILLING ADDRESS _____

LOCATION OF WORK 443 HAMILTON AVE BRKLYN. N.Y.

JOB DESCRIPTION INSTALL 5/10 ROOM AND ELECTRICAL SUPPLIES

MATERIALS		SUBCONTRACTORS	
(7)	5/10 Room		
(1)	3/8 Combo		

EQUIPMENT	
(1)	UTILITY TRK # 66
(1)	50T TRK # 15
(1)	ROOM TRK #
(1)	16' WORK BOAT

WORKER PROTECTION LEVEL -

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
SW 1007 CHARLES, C			
WT 1012 COOK, M			
WT 1012 KASOW, D			
WT 1012 WACK, A			

DAILY OPERATIONS 0500 SECURED 1300 SUBSISTENCE _____

DISPOSAL _____

APPROVED *Wendy Stern*
CUSTOMER REPRESENTATIVE

BILL GRP. # _____

30608



**New York City
Department of Transportation**

40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Wilbur L. Chapman, Commissioner

MEMORANDUM

TO: Frank D'Arpino
Department of Design and Construction

FROM: Thomas Siano
Department of Transportation

DATE: February 8, 1999

RE: Installation of Cleats on Wharf

My crane operator, Michael O'Sullivan, brought to my attention on Friday February 4, 1999 that the Coast Guard inspected the wharf at the Hamilton Asphalt Plant. Evidently there have been several complaints by boats and tugs working in the area that our stone barges are not being secured properly. I have complained to you, to Don Seminera from URS, and to Tony Staknys from Constantine D&B for months about the unsafe conditions on the dock. The danger is due to both the lack of cleats for tying down barges and the holes and open areas on the southern portion that is supposed to be under construction at present. On January 22, 1999 Don Seminera assured me that, at least, new cleats would be fully installed on the completed portions and that some temporary tie down provisions would be made on the southern incompleted end of the dock by February 3, 1999.

The lack of cooperation and activity in this area is making the dock an extremely dangerous work area for both DOT's crane operators and the personnel from the tug companies delivering stone boats. It is becoming more and more difficult instead of easier to manage an operating asphalt plant the further this contract progresses. I am notifying my Commissioners of this latest situation. If there are any procedures available for DDC to fine or recoup monies from the responsible contractor, I recommend that you explore them. Most of all I would appreciate some activity on the wharf to make this area safe for all personnel forced to work under these conditions.

cc: FDC T. Fasulo, D/C L. Heyward, A/C C. Mack, D. Seminera/URS

hwk033/dock.doc Visit DOT's Website at <http://www.ci.nyc.ny.us/calldot>

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Trent Investigation and Security International Corp.

165 West 29th Street New York, NY 10001

Office: (212) 244-5050

Fax: (212) 244-1905

Incident Report

Date: TUESDAY 1-5-99
Day of week Date Month Year

Time of Incident: 1516 [] am [] pm

Reporting Security Officer/Supervisor JONES Id #: 8240

Site: TBK-1

Address: 448 Hamilton Av.

Type of Incident:

- | | | |
|---|-----------------------------------|--|
| <input type="checkbox"/> Accident | <input type="checkbox"/> Assault | <input type="checkbox"/> Property Damage |
| <input type="checkbox"/> Accident (Vehicular) | <input type="checkbox"/> Break in | <input type="checkbox"/> Theft |
| <input type="checkbox"/> Arrest | <input type="checkbox"/> Fire | <input checked="" type="checkbox"/> Other (Specify) <u>Jug GAS</u> |

Description of Incident

AS I WAS MAKING MY VEHICLE INSPECTION
ROUNDS, I NOTICE A 2 GALLON JUG OF GAS
NEXT TO THE DOUBLE DOORS AT THE SOUTH
END OF BUILDING.

I CALLED MR. SIMO + C/O TO LET
EVERYONE KNOW ABOUT THIS INCIDENT

S/O Jones
1600
1/5/99

URS Greiner

August 12, 1998

Constantine D&B Ltd.
14-51 Broadway
Long Island City, NY 11101

Attn: C. Ioannou

Re: Renovation of the Hamilton Avenue
Highway Yard Facility
CAPIS ID# HWKF-033
Registration #9575753
Fire Department Violations

URS Greiner, Inc.
One Penn Plaza, Suite 610
New York, New York 10119-0118
Telephone: (212) 736-4444
Facsimile: (212) 629-4249
Offices in Principal Cities Nationwide

Mr. Constantine:

Since early June, your on-site supervision has been intermittent. This condition is unacceptable. According to specification 1000, para. A, you are required to provide supervision from commencement of the project to its completion. Further, any change in supervision must be approved by the DDC.

Barring notice of any such change, we expect T. Staknys to be on-site on a full time basis to address coordination and scheduling concerns as they arise. Your compliance with the specification is essential in order to avoid further delays.

Sincerely Yours,



Donald Seminera

cc: F. D'Arpino, S. Atieh, J. Fedun, T. Siano.

TOTAL P. 02

One Penn Plaza, Suite 610
New York, New York 10119-0118
Telephone: (212) 736-4444
Facsimile: (212) 629-4249
Offices in Principal Cities Nationwide

URS Greiner

August 12, 1998

Constantine D&B Ltd.
14-51 Broadway
Long Island City, NY 11101

Attn: Tony Staknys

Re: Renovation of the Hamilton Avenue
Highway Yard Facility
CAPIS ID# HWKF-033
Registration #9575753
Fire Department Violations

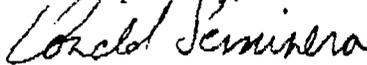
Mr. Staknys:

Our previous requests and directives to submit a schedule for the remaining work has not yet been responded to by your office. We wish to remind you that the remaining work is in areas essential to DOT's operation. Accordingly, the remaining site work and wharf renovation require more precise scheduling than previously exercised if DOT is to maintain its current rate of production.

Again, you are directed to submit a detailed schedule, with emphasis on precise wharf and site activities, and durations. Submit the schedule to URS for review and comment by August 13.

Thank you.

Respectfully,


Donald Seminera

cc: F. Darpino, Sam Atieh, J. Fedun, T. Siano



New York City Department of Transportation

40 Worth Street, New York, New York 10013 • 212/442-7000

**Christopher R. Lynn,
Commissioner**

MEMORANDUM

TO: Ed Luczynski
Assistant Commissioner

FROM: Tom Siano
Director of Asphalt Operations

DATE: May 27, 1997

RE: Repairs Needed to Fuel Pump at Hamilton Asphalt Plant

Two weeks ago there was an underground break of the suction line between the old diesel fuel tank underground and the pump. There has been no fuel available here for Hamilton equipment or Brooklyn trucks since that time. The DOT vendor came here last week to scope out the repairs required. They need to excavate by the tanks and trench across the area. Due to all the activity at Hamilton in that area, with both City vehicles and private contractors and all of their subs, there is no way that I can permit this work to be done during the week. It would greatly impede asphalt production and dispatching along with contractor material deliveries due to this tank's location.

I recommend that the contractor make these repairs on a Saturday and Sunday (he projects the work will take two days). James Campbell from Facilities informed us that he should be on site while this job is done and he asked me to prepare this request on this subject. The job requires removal and replacement of the damaged suction line to the pump and the in-tank suction filters.

I am aware that construction of the new fueling station at Hamilton appears to be close to completion. In reality, with the lack of progress that we have experienced on this Capital job, I do not expect the new pumps to be operational for some time yet. The contractors just moved our office trailer and three others on to the fuel station as they begin to work in other areas around it. I believe that the wait will be too lengthy for the new station and the repair of the old one is entirely justified. Do not hesitate to call me with any questions on this matter. Thank you.

cc: D/C T. Fasulo

oth-hmem/22

DATE

HAMILTON

Comments: MISSING PHONE # AT
 this cover page: 2
 Pages including Date: 1/19/96
 Phone: 718/788-4516
 Fax: 718/965-2930

Company: HAMILTON AVENUE
 ASPHALT PLANT
 NYC Dept. of Transportation

From: DAVID STERNMAN

To: JERRY KEIN
Company:
Phone: 442 7935
Fax:

Facsimile Cover Sheet

TRANSMISSION REPORT

THIS DOCUMENT WAS CONFIRMED
 (REDUCED SAMPLE ABOVE - SEE DETAILS BELOW)

**** COUNT ****

TOTAL PAGES SCANNED : 2
 TOTAL PAGES CONFIRMED : 2

*** SEND ***

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TOTAL 0:01'10" 2

NOTE:

No. : OPERATION NUMBER 48 : 4800BPS SELECTED EC : ERROR CORRECT G2 : G2 COMMUNICATION
 PD : POLLED BY REMOTE SF : STORE & FORWARD RI : RELAY INITIATE RS : RELAY STATION
 MB : SEND TO MAILBOX PG : POLLING A REMOTE MP : MULTI-POLLING RM : RECEIVE TO MEMORY

URS CONSULTANTS, INC.
RENOVATION of the
HAMILTON AVE. HIGHWAY YARD FACILITY.
488 HAMILTON AVENUE
BROOKLYN, NY 11232
PROJECT NO. HWKF-033

Don SEMINARA —
SYED RIZVI —
SHUKRI SAWAGED —
File

Job Meeting #5

December 20, 1995

The following were in attendance:

NAME	COMPANY	TELEPHONE
SHAMEEM RAHMAN	URS CONSULTANTS	718-699-6169
DONALD SEMINARA	URS CONSULTANTS	212-736-4444
SHUKRI SAWAGED	URS CONSULTANTS	
SYED RIZVI	URS CONSULTANTS	
ED LUCY	INTERPHASE ELECTRIC	718-499-4121
E. SKOUNTZOS	SKOUNTZOS PL. & HTL	718-748-4141
KARL KELLERMAN	AWL INDUSTRIES, INC	718-388-5500
A. STAKNEYS	COUSTANTINE D & B LTD	718-545-3131

1.0 WORK PERFORMED AS OF 12/20/95

1.1 G.C. - CONSTANTINE D & B LTD.

ACP-5 has been received. Copy to be provided to URS.
Phase 1 & 2 schedule has been provided today to URS for review.
Schedule for the main building will be submitted on 12/27/95.
Revising the quantity and cost breakdown.

Demolition work - More information required from DGS to obtain a Permit. Demolition work will begin when the asbestos abatement is complete.

1.2 PLUMBING - SKOUNTZOS PLUMBING & HEATING

Submission list and shop drawing preparation.
Revise and resubmit quantity and cost breakdown.

1.3 HVAC- AWL INDUSTRIES

Continue shop drawing preparation and submittals (AC-1 submitted)

Preparation of shop drawings and procurement schedule - Ongoing.

Preparation of quantity and cost breakdown - Ongoing.

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Job Meeting #5

December 20, 1995

1.4 ELECTRICAL - INTERPHASE ELECTRIC CORP.

Continue Shop Drawing Submissions to the Architect with copies to CM.

2.0 WORK SCHEDULED FOR 12/21/95 THROUGH 01/03/96

2.1 GC - CONSTANTINE D&B LTD

Begin asbestos abatement work (12-27-95).
Require additional information's from DGS on demolition permit filing.
Subject to the receipt of the permit, begin demolition at water front.
Continue with submittals
Begin control tower selective demolition.
Revise and resubmit the schedule.
Misc. trailer water line repairs.

2.2 PLUMBING - SKOUNTZOS PLUMBING & HEATING

Preparation of the submittal list and shop drawings - Ongoing.

2.3 HVAC - AWL INDUSTRIES

Continue shop drawing preparation and submittals (AC-1)
Preparation of shop drawings and procurement schedule.

2.4 ELECTRICAL - INTERPHASE ELECTRIC CORP.

Continue shop drawing submissions.

Underground layout drawings - Ongoing.

Submitted detail work schedule. Waiting for the construction schedule from the GC.

URS CONSULTANTS, INC.
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PROJECT NO. HWKF-033

Job Meeting #5

December 20, 1995

3.0 SAFETY

- 3.1 All safety requirement as per NYC Safety Code, OSHA and other regulations including as per contract agreement should be followed in strict adherence. Hard Hats, Safety Glasses must be worn and Work-boots must be used by all personnel.
- 3.2 All accidents must be reported to URS immediately with a description of accident. C-2 Form must be filled out and submitted to all the appropriate authorities. Photographic and all related required evidences must be kept by each contractor and should be provided to URS as soon as possible. All accidents must be reported to URS immediately.
- 3.3 All precautions should be taken by each contractor to prevent accident hazards including overhead, trip and fall, electrocutions etc. Shoring, sheeting and protection should be provided in the excavated areas etc. as per safety codes.
- 3.4 No alcoholic beverages will be allowed on the job site. Personnel involved in this offense will be removed from the job site.
- 3.5 Contractor's site supervisors and or foremen will hold a brief weekly tool box safety meeting with their trades, review safety situation and brief them on safety violations and preventions.
- 3.6 All working personnel must wear ID badges.
- 3.6 The DGS, URS, DOT and Contractors will address safety issues on site in the job meetings for immediate prevention.

4.0 DISCUSSIONS & ACTIONS

4.1 PERMITS

URS advised contractors to procure and submit all required permits on the job and provide copies to the CM for record. Contractors should provide a list of required permits to URS.

URS CONSULTANTS, INC.
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488 HAMILTON AVENUE
BROOKLYN, NY 11232
PROJECT NO. HWKF-033

Job Meeting #5

December 20, 1995

4.2 CONTROL TOWER PERMIT

The control tower permit has expired on 12/1/95. CDBL is arranging renewal of this permit by 12/26/95.

4.3 CONTROLLED INSPECTION

URS requested CDBL to provide a list of all controlled inspection items including the contract scope for review by the CM and the Architect. CDBL will provide a copy to URS.

HVAC, PLUMB and Elect contractors should follow the same procedure for the applicable and required controlled inspection items. A list of controlled inspection items should be provided to URS.

4.4 SUBMISSIONS

Contractors should submit a complete list of submittals to DSP with a copy to URS. All submissions should be marked with a serial number and the specification number. All other procedure will remain the same as noted in the previous job meetings.

Contractors assured that complete submission lists will be provided to URS and DSP.

4.5 SCHEDULE

CDBL provided schedule for phase 1 and 2 construction on 12/20/95. Schedule for the main building will be submitted by 12/27/95.

Copy of the phase 1 and 2 schedule has been provided to all other primes for review. A review meeting by URS and all primes has been set for 12/28/95 at 10:30 AM.

4.6 ASBESTOS

CDBL advised that asbestos abatement has been rescheduled for 12/27/95. A Notice of Direction has been given to the GC on 12/12/95 for abatement of additional roofing asbestos from the existing building.

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PROJECT NO. HWKF-033

Job Meeting #5

December 20, 1995

- 4.7 DSP advised AWL to provide shop drawing mylars at submissions. URS advised CDBL to provide the reflected ceiling plans to AWL to 3/8" scale.
- 4.8 DGS will provide copies of contractor's insurance information to URS for record.
- 4.9 DGS is waiting for a response on DEC permit (channel dredging).
- 4.10 DGS advised that a contract for removal of the contaminated soil from site has been awarded to Handex of NY. The removal will be completed by January 10, 1996.
- 4.11 Two members from Metro Mediations Services and Tecton Group addressed and explained the concept of job partnering on Friday, December 8, 1995. All primes will review the proposal and cost sharing and will advise.
- 4.12 The contractors were advised that upon submission of the detail cost breakdown, URS will take two weeks to review and one week followed by the DGS. All cost breakdown should indicate total quantity of work with detail labor and material price.
- 4.13 Telephone system installation in the DOT trailers is a change order. The GC must provide all documentation's/vouchers required for processing this CO. GC requested a formal NOD on this. DSP advised GC to use the supplementary instruction for this. GC requested a NOD on this. URS will review with DGS and will issue.
- 4.14 Interphase Electric advised that all drawings have been submitted to the Advisory Board on 12/9/95 for review and approval.
- 4.15 URS advised contractors to provide their projected monthly cash flow and manpower schedule. This will be required once the project schedule is finalized.

URS CONSULTANTS, INC.
RENOVATION of the
HAMILTON AVE. HIGHWAY YARD FACILITY.
488 HAMILTON AVENUE
BROOKLYN, NY 11232
PROJECT NO. HWKF-033

Job Meeting #5

December 20, 1995

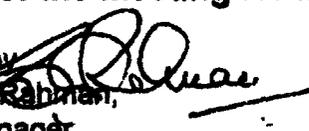
- 4.16 DGS advised that the coordinated schedule would have to be approved by them. Normally 30 days required to approve the schedule.
- 4.17 GC stated that the south wharf demolition is scheduled to begin on January 2, 1996. DEC permit may impacts upon the demolition. All soil and the barge should be removed by 1/2/96.
- 4.18 GC stated that the soil stock pile is also interfering the removal of the existing asphalt in the general work area.
- 4.19 Interphase raised the issue of new location of the subs' trailers. The length of the temporary service cable would be determined once the new location is identified. URS will review with DGS and DSP.
- 4.20 URS advised that all primes should set up their trailers when a new location is identified with a rep present to follow up on activities including submissions.

5.00 NEW BUSINESS

5.01 Interphase raised concern that GC's delay in submission of a complete schedule will cause further delay in approval. This may impact on the completion of the project for all primes. URS suggested to review the complete schedule on 12/28/95 at 10:30 AM. All primes should be present.

5.02 URS assured all primes that DGS would be requested to expedite approval on contractor's cost breakdowns.

DGS and DSP reps could not attend this job meeting due inclement weather condition. Next Job meeting will be on , January 3, 1996 at 10:00 AM
The writer should be advised of any omissions or corrections in these minutes of the meeting for inclusion before the next meeting.

Prepared by 
Shameem Rahman,
Project Manager

CC: All Attendees

HAMILTON AVE PLANT CONSTRUCTION

F / D. STERMAN OFFICE FILES

1198



**New York City
Department of Transportation**

40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Iris Weinshall, Commissioner

David Sterman
Hamilton Asphalt Plant
NYC Department of Transportation

Mr. Harvey Roberts
O'Brien Kreitzberg, Inc.
4215 Crescent St.
Long Island City, NY 11101

718 786 3838

April 15, 2003

RE: Water Remediation Shed at 448 Hamilton Ave., Brooklyn

To Whom It May Concern:

Contractors working for O'Brien Kreitzberg arrived at the Hamilton Asphalt Plant today to disassemble and remove the water remediation system and associated building which were installed here as part of the plant and facility reconstruction that began in 1995. After the crew was on site, DOT personnel saw some use for the structure that houses the remediation equipment for in-house storage purposes. DOT authorizes the contractor to remove all of the remediation equipment from the Brooklyn facility, but to leave the storage shed intact.

I just want to be sure that your DDC contact, Tanvir Ahmad, is informed of this change. Please supply me with his number. I can be reached at 718/369-4244. If you are unable to reach me today, contact my supervisor tomorrow. He is Tom Siano and his number is 718/369-4228. Thank you.

Sincerely,

David Sterman

cc: Tom Siano

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TTY Deaf or Hearing-Impaired, Dial 212/442-9488

CALL DOT
*225-5368



New York City
Department of Transportation

40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Iris Weinshall, Commissioner

David Sterman
Hamilton Asphalt Plant
NYC Department of Transportation

Mr. Harvey Roberts
O'Brien Kreitzberg, Inc.
4215 Crescent St.
Long Island City, NY 11101

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Sincerely,

David Sterman

cc: Tom Siano

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Got a transportation problem/question/complaint? Dial 212 or 718
TTY Deaf or Hearing-Impaired, Dial 212/442-9488

CALL DOT
*225-5368

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 610000DOT2090011

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PROCESS, EXHAUST OR VENTILATION SYSTEM
 APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

A ADD
 C CHANGE
 D DELETE

READ INSTRUCTIONS
 CONTAINED IN
 FORM 76-11-02
 BEFORE ANSWERING
 ANY QUESTION

1. NAME OF OWNER/FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co., Inc.			10. TELEPHONE (914) 496-1600			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)		
2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS 22 Sarah Wells Trail			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)			21. CITY-TOWN-VILLAGE Brooklyn		
3. CITY-TOWN-VILLAGE Brooklyn			4. STATE NY			5. ZIP 11223			22. ZIP		
6. OWNER CLASSIFICATION A <input type="checkbox"/> COMMERCIAL C <input type="checkbox"/> UTILITY F <input checked="" type="checkbox"/> MUNICIPAL I <input type="checkbox"/> RESIDENTIAL B <input type="checkbox"/> INDUSTRIAL D <input type="checkbox"/> FEDERAL G <input type="checkbox"/> EDUC INST J <input type="checkbox"/> OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Kevin L. Patton			16. NYS P.E. OR ARCHITECT LICENSE NO. 072197			17. TELEPHONE (914) 496-1600		
7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations			8. TELEPHONE (718) 788-4516			18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT			25. START UP DATE MO / YR 05 / 95		
									26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392		
									27. PERMIT TO CONSTRUCT A <input type="checkbox"/> NEW SOURCE B <input type="checkbox"/> MODIFICATION		
									28. CERTIFICATE TO OPERATE A <input type="checkbox"/> NEW SOURCE C <input type="checkbox"/> EXISTING B <input checked="" type="checkbox"/> MODIFICATION		

29. EMISSION POINT ID.	30. GROUND ELEVATION (FT)	31. HEIGHT ABOVE STRUCTURES (FT)	32. STACK HEIGHT (FT)	33. INSIDE DIMENSIONS (IN)	34. EXIT TEMP (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE	38. HRS/DAY	39. DAYS/YR	40. % OPERATION BY SEASON Winter Spring Summer Fall							
9	9	40	88	54	300	62.46	59961	2112	7.5	200	0	5	4	0	4	0	1	5

41. DESCRIBE PROCESS OR UNIT
 'Ultraplant' burner, counter flow dryer with primary collector, baghouse

42. EMISSION CONTROL EQUIPMENT I.D.	43. CONTROL TYPE	44. MANUFACTURER'S NAME AND MODEL NUMBER	45. DISPOSAL METHOD	46. DATE INSTALLED MONTH / YEAR	47. USEFUL LIFE
6	10	Gencor Inc. Model 350, Model UF-100	3	04 / 95	20
48	9	08 Gencor Inc. Model 132	3	04 / 95	20

42. CALCULATIONS See Attached Sheets.
 For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited.

The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO emissions, as described in the attached letter.

S E C T I O N	CONTAMINANT	CAS NUMBER	INPUT OR PRODUCTION UNIT	ENV RATING	EMISSIONS							% CONTROL EFFICACY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
					ACTUAL	UNIT	HOW DET	PERMISSIBLE	ERP	ACTUAL	PERMISSIBLE		ACTUAL	PERMISSIBLE		
54	Particulates-Feldspar, Quartz, Calcite	NY 0 7 5 0 0 0 0	350	13	0.030	20	1	99.971	25116	7.41	1.112	4				
69	Volatile Organic Compounds	NY 9 9 8 0 0 0 0	350	13	17.29	1	82.7	100	17.29	5.533	4					
84	Methane Formaldehyde, Benzene	NY 2 1 0 0 0 0 0	350	13	0.189	11	28.4	25.8	18.48	5.914	4					
99	Nitrogen Oxides: No, No2	0 0 0 6 3 0 8 0	350	13	1.078	51	3	0	66.0	66.0	2.112	5				
114	Carbon Monoxide															

SOLID FUEL TYPE TONS/YR % S			OIL TYPE THOUSANDS OF GALLONS/YR % S			GAS TYPE THOUSANDS OF CF/YR B11/CF			APPLICABLE RULE	APPLICABLE RULE
144	145	146	147	148	149	150	151	152	153	154
						52	195894	1000	212	

Upon completion of construction sign the statement listed below and forward to the appropriate field representative
 THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS

155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT
 Kevin L. Patton 2/28/97

156. LOCATION CODE 610000DOT2584650241752

157. FACILITY ID. NO.

158. UTM (E) 159. UTM (N) 160. SIC NUMBER

161. DATE APPL RECEIVED / / 162. DATE APPL REVIEWED 09/14/98 163. REVIEWED BY: Meem George

PERMIT TO CONSTRUCT
 164. DATE ISSUED / / 165. EXPIRATION DATE / / 166. SIGNATURE OF APPROVAL [Signature] 167. FEE

RECOMMENDED ACTION RE: C.O.
 169. DATE ISSUED 5/11/99 170. EXPIRATION DATE 5/11/04 171. SIGNATURE OF APPROVAL [Signature] 172. FEE

173. SPECIAL CONDITIONS:
 1. SEE SPECIAL CONDITIONS DATED 2. SEPT 14, 98 ATTACHED

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVENUE, BROOKLYN
SEPTEMBER 14, 1998

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID: 610000DOT2 00001

EMISSION LIMITS

1. This emission source is subject to 6NYCRR Part 212 and federal New Source Performance Standards for Asphalt Plants under 40CFR60 Subpart I.
2. The facility wide emissions of Nitrogen Oxides (NO_x) shall be limited to 24.9 tons based on a 12 month period rolled monthly.
3. The facility wide emission of Volatile organic compounds (VOC) shall be limited to 24.9 tons based on a 12-month period rolled monthly.
4. Production of asphalt at this facility shall not exceed 525,000 tons in any consecutive twelve (12) month period.
5. Particulate matter emissions shall not exceed 0.04 grains per dry standard cubic foot.
6. Emissions from this source shall not exceed twenty (20) percent opacity over any consecutive six (6) minute average.
7. The Permittee shall not cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. This emission limit applies, but not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in a combination with others.

MONITORING AND RECORD KEEPING

8. The Permittee shall develop and establish an acceptable Operating and Maintenance plan including an 'Operation & Maintenance Manual. This plan shall be submitted to NYSDEC within two months of issuance of the permit. This plan shall include, but not be limited to, the following:
 - a. A description of the process including controls
 - b. Operating, Reporting and record keeping procedures
 - c. Schedule and items for maintenance
 - d. Training procedures
 - e. The name and title of operating personnel and their qualifications (e.g., licences, certificates education, training course completed)

9. The following data shall be recorded in a log maintained on site:
 - Daily hours of Plant operation
 - Asphalt production in tons per day
 - Monthly total of asphalt production
 - Annual total, rolled on a monthly basis to reflect previous twelve consecutive months.
 - VOC, CO, NO_x emissions for the month and the previous 12 consecutive months.
 - Temperature, Pressure drops for the bag house
10. Recycled glass shall not be used in the mix .

NOTIFICATIONS AND REPORTING

11. Permittee shall keep records of its asphalt production and report to New York State Department of Environmental Conservation at the end of each month, the amounts of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years and must be made available for review upon request by a NYSDEC representative.
12. The Department must be notified as soon as possible during normal working hours, but in any event not later than two working days after becoming aware of any malfunction or any operational problem which causes exceedence of any emission limit or other standard.

03082010 Gowanus DOT HAM Pt

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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A ADD C CHANGE D DELETE READ INSTRUCTIONS CONTAINED IN FORM 76-11-12 BEFORE ANSWERING ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

Main application form with sections 1-28 including owner/firm name (City of New York), authorized agent (Advance Testing Co.), address (448 Hamilton Avenue), and owner representative (Thomas Siano).

Table with 12 columns: 29. EMISSION POINT ID., 30. GROUND ELEVATION (FT.), 31. HEIGHT ABOVE STRUCTURES (FT.), 32. STACK HEIGHT (FT.), 33. INSIDE DIMENSIONS (IN), 34. EXIT TEMP (°F), 35. EXIT VELOCITY (FT/SEC), 36. EXIT FLOW RATE (ACFM), 37. SOURCE CODE, 38. HRS/DAY, 39. DAYS/YR, 40. % OPERATION BY SEASON.

Section 41: DESCRIBE PROCESS OR UNIT. 1. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse.

Table with 7 columns: EMISSION CONTROL EQUIPMENT I.D., CONTROL TYPE, MANUFACTURER'S NAME AND MODEL NUMBER, DISPOSAL METHOD, DATE INSTALLED MONTH / YEAR, USEFUL LIFE.

CALCULATIONS See Attached Sheets. For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited. The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO emissions, as described in the attached letter.

DOT_P_HAM_0000031

03082010_Gowanus_DOT_HAM.P

CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS			% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)						
NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET.		PERMISSIBLE	ERP	ACTUAL	ACTUAL	10 ^x	PERMISSIBLE			
SECT	54. Particulates-Feldspar, Quartz, Calcite	55	56	57	58	59	60	61	62	63	64	65	66	67	68		
		NY 0 7 5 - 0 0 - 0	350	13			0.030	20	1	99.971	25116	7.41	1.112	4	4		
	69 Volatile=Organic Compounds		71	72	73	74	75	76	77	78	79	80	81	82	83		
	Methane Formaldehyde, Benzene	NY 9 9 8 - 0 0 - 0	350	13			17.29	1	1	82.7	100	17.29	5.533	4	4		
	84 Nitrogen, Oxides: No, No2	NY 2 1 0 - 0 0 - 0	350	13			0.189	11	1	28.4	25.8	18.48	2.772	4	4		
	99 Carbon Monoxide	0 0 0 6 3 - 0 8 - 0	350	13			1.078	51	3	0	66.0	66.0	9.900	4	113		
	114			115	116	117	118	119	120	121	122	123	124	125	126	127	128
	129			130	131	132	133	134	135	136	137	138	139	140	141	142	143

S.E.C.	SOLID FUEL			OIL			GAS			APPLICABLE RULE	APPLICABLE RULE
	TYPE	TONS/YR	%S	TYPE	THOUSANDS OF GALLONS/YR	%S	TYPE	THOUSANDS OF CF/YR	BTU/CF		
G	144	145	146	147	148	149	150	151	152	153	154
							52	195894	1000	212	

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155 SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT: *Kevin J. Ratt* DATE: 2/28/97

156 LOCATION CODE	157 FACILITY ID. NO.	158 U.T.M (E)	159 U.T.M (N)	160 SIC NUMBER	161 DATE APPL RECEIVED	162 DATE APPL REVIEWED	163 REVIEWED BY:
610600	DOT2	5846	5024	1752		09/14/98	Meem George
PERMIT TO CONSTRUCT							
164 DATE ISSUED	165 EXPIRATION DATE	166 SIGNATURE OF APPROVAL	167 FEE	168			
				1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE			
RECOMMENDED ACTION RE: C.O.							
169 DATE ISSUED	170 EXPIRATION DATE	171 SIGNATURE OF APPROVAL	172 FEE	173			
5/11/99	5/11/04	<i>[Signature]</i>		1. <input type="checkbox"/> INSPECTED BY _____ DATE _____ 2. <input type="checkbox"/> INSPECTION DISCLOSED DEFERENCES AS BUILT VS PERMIT, CHANGES INDICATED ON FORM 3. <input checked="" type="checkbox"/> ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT 4. <input type="checkbox"/> APPLICATION FOR C.O DENIED _____ DATE _____ INITIALS _____			
174 SPECIAL CONDITIONS:							
1. SEE SPECIAL CONDITIONS DATED SEPT 14, 98 ATTACHED							

DOT_P_HAM_00000032

OP LOCATION FACILITY EMISSION POINT
 61 0000 DOT 21000111

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 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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PROCESS, EXHAUST OR VENTILATION SYSTEM
 APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

A ADD
 C CHANGE
 D DELETE

READ INSTRUCTIONS
 CONTAINED IN
 FORM 76-11-12
 BEFORE ANSWERING
 ANY QUESTION

1. NAME OF OWNER/FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co., Inc.			10. TELEPHONE (914) 496-1600		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)			
2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS 22 Sarah Wells Trail			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)					
3. CITY-TOWN-VILLAGE Brooklyn		4. STATE NY	5. ZIP 11223		12. CITY-TOWN-VILLAGE Campbell Hall		13. STATE NY	14. ZIP 10916			
6. OWNER CLASSIFICATION A <input type="checkbox"/> COMMERCIAL C <input type="checkbox"/> UTILITY F <input checked="" type="checkbox"/> MUNICIPAL I <input type="checkbox"/> RESIDENTIAL B <input type="checkbox"/> INDUSTRIAL D <input type="checkbox"/> FEDERAL G <input type="checkbox"/> EDUC INST J <input type="checkbox"/> OTHER			E <input type="checkbox"/> STATE H <input type="checkbox"/> HOSPITAL		15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Kevin L. Patton		16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 072197		17. TELEPHONE (914) 496-1600		
7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations			8. TELEPHONE (718) 788-4516		18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT			25. START UP DATE MO / YR 05 / 95		26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392	
						27. PERMIT TO CONSTRUCT A <input type="checkbox"/> NEW SOURCE B <input type="checkbox"/> MODIFICATION		28. CERTIFICATE TO OPERATE A <input type="checkbox"/> NEW SOURCE C <input type="checkbox"/> EXISTING B <input checked="" type="checkbox"/> MODIFICATION			

29. EMISSION POINT ID.	30. GROUND ELEVATION (FT)	31. HEIGHT ABOVE STRUCTURES (FT)	32. STACK HEIGHT (FT)	33. INSIDE DIMENSIONS (IN)	34. EXIT TEMP (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE	38. HRS/DAY	39. DAYS/YR	40. % OPERATION BY SEASON Winter Spring Summer Fall					
9	9	40	88	54	300	62.46	59961	2112	7.5	16	200	0	15	40	40	15

41. DESCRIBE PROCESS OR UNIT	1. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	

42. EMISSION CONTROL EQUIPMENT I.D.	43. CONTROL TYPE	44. MANUFACTURER'S NAME AND MODEL NUMBER	45. DISPOSAL METHOD	46. DATE INSTALLED MONTH / YEAR	47. USEFUL LIFE
6	10	Gencor Inc. Model 350, Model UF-100	3	04 / 95	20
48	9	08 Gencor Inc. Model 132	3	04 / 95	20

42. CALCULATIONS See Attached Sheets.
 For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited.
 The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO emissions, as described in the attached letter.

S E C T I O N	CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS						% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
	NAME	CAS NUMBER				ACTUAL	UNIT	PERMISSIBLE	ERP	ACTUAL	ACTUAL		PERMISSIBLE			
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69	Volatile=Organic Compound	NY 9 9 8 0 0 0 0	350	13	17.29	1	1	82.7	100	17.29	2.594	4				
84	Methane Formaldehyde, Benzene	NY 1 9 9 8 0 0 0 0	350	13	0.189	11	1	28.4	25.8	18.48	3.772	4				
99	Nitrogen, Oxides: No, No2	NY 2 1 0 0 0 0 0	350	13	1.078	51	3	0	66.0	66.0	2.112	5				
114	Carbon Monoxide	0 0 0 6 3 0 8 0 0	350	13												

SOLID FUEL		OIL		GAS		APPLICABLE RULE		APPLICABLE RULE	
TYPE	TONS/YR	% S	TYPE	THOUSANDS OF GALLONS/YR	% S	TYPE	THOUSANDS OF CF/YR	BTU/CF	
	145					52	195894	1000	212

Upon completion of construction sign the statement listed below and forward to the appropriate field representative
 THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS
 155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT
 Kevin L. Patton 2/28/97

156. LOCATION CODE	157. FACILITY ID. NO.	158. UTM (E)	159. UTM (N)	160. SIC NUMBER	161. DATE APPL RECEIVED	162. DATE APPL REVIEWED	163. REVIEWED BY:
610000DOT25846	50241	752				09/14/98	Meera George

PERMIT TO CONSTRUCT			
164. DATE ISSUED	165. EXPIRATION DATE	166. SIGNATURE OF APPROVAL	167. FEE

RECOMMENDED ACTION RE: C.O.			
168. DATE ISSUED	170. EXPIRATION DATE	171. SIGNATURE OF APPROVAL	172. FEE
5/11/99	5/11/04		

174. SPECIAL CONDITIONS:	
1. SEE SPECIAL CONDITIONS DATED	2. SEPT 14, 98 ATTACHED

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVENUE, BROOKLYN
SEPTEMBER 14, 1998

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID: 610000DOT2 00001

EMISSION LIMITS

1. This emission source is subject to 6NYCRR Part 212 and federal New Source Performance Standards for Asphalt Plants under 40CFR60 Subpart I.
2. The facility wide emissions of Nitrogen Oxides (NO_x) shall be limited to 24.9 tons based on a 12 month period rolled monthly.
3. The facility wide emission of Volatile organic compounds (VOC) shall be limited to 24.9 tons based on a 12-month period rolled monthly.
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5. Particulate matter emissions shall not exceed 0.04 grains per dry standard cubic foot.
6. Emissions from this source shall not exceed twenty (20) percent opacity over any consecutive six (6) minute average.
7. The Permittee shall not cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. This emission limit applies, but not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in a combination with others.

MONITORING AND RECORD KEEPING

8. The Permittee shall develop and establish an acceptable Operating and Maintenance plan including an 'Operation & Maintenance Manual. This plan shall be submitted to NYSDEC within two months of issuance of the permit. This plan shall include, but not be limited to, the following:
 - a. A description of the process including controls
 - b. Operating, Reporting and record keeping procedures
 - c. Schedule and items for maintenance
 - d. Training procedures
 - e. The name and title of operating personnel and their qualifications (e.g., licences, certificates education, training course completed)

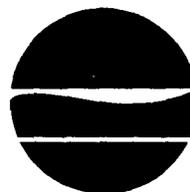
9. The following data shall be recorded in a log maintained on site:
- Daily hours of Plant operation
 - Asphalt production in tons per day
 - Monthly total of asphalt production
 - Annual total, rolled on a monthly basis to reflect previous twelve consecutive months.
 - VOC, CO, NO_x emissions for the month and the previous 12 consecutive months.
 - Temperature, Pressure drops for the bag house
10. Recycled glass shall not be used in the mix .

NOTIFICATIONS AND REPORTING

11. Permittee shall keep records of its asphalt production and report to New York State Department of Environmental Conservation at the end of each month, the amounts of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years and must be made available for review upon request by a NYSDEC representative.
12. The Department must be notified as soon as possible during normal working hours, but in any event not later than two working days after becoming aware of any malfunction or any operational problem which causes exceedence of any emission limit or other standard.

New York State Department of Environmental Conservation

Notice of Complete Application



Date MARCH 02, 1999

Applicant NYC DEPARTMENT OF TRANSPORTATION
40 WORTH ST
11TH FLOOR
NEW YORK NY 10003

Application ID 2-6102-00076/00004

Permit(s) Applied 1 • ARTICLE 19: AIR STATE FACILITY PERMIT

Project is located in NEW YORK CITY in KINGS COUNTY.

Project Description

NYSDEC HAS RECEIVED AN APPLICATION FROM THE NEW YORK CITY DEPARTMENT OF TRANSPORTATION FOR MODIFICATION OF EXISTING AIR POLLUTION CONTROL PERMITS FOR AN ASPHALT PLANT LOCATED IN BROOKLYN AT 448 HAMILTON AVENUE. THE MODIFICATION IS BEING PROPOSED BY THE APPLICANT FOR THE PURPOSE OF RESTRICTING THE EMISSION POTENTIAL OF THIS SOURCE THROUGH ENFORCEABLE PERMIT CONDITIONS WHICH WILL LIMIT OR CAP EMISSIONS AT LEVELS WHICH ARE BELOW THE 25 TONS PER YEAR (TPY) APPLICABILITY THRESHOLD FOR VOLATILE ORGANIC COMPOUNDS (VOC) PURSUANT TO TITLE V OF THE 1990 CLEAN AIR ACT AMENDMENT AND WILL LIMIT OR CAP EMISSIONS AT LEVELS WHICH ARE BELOW THE 25 TPY THRESHOLD FOR NOX RACT PURSUANT TO 6NYCRR PART 227-2. BY ACCEPTING THESE STATE AND FEDERALLY ENFORCEABLE LIMITS, THE NEW YORK CITY DEPT. OF TRANSPORTATION WILL NOT BE SUBJECT TO THESE PARTICULAR REGULATIONS. THE PERMITTEE WILL BE REQUIRED TO MAINTAIN RECORDS AND REPORT THIS DATA TO VERIFY COMPLIANCE WITH PERMIT CONDITIONS AND LIMITS.

State Environmental Quality Review (SEQR) Determination

SEQR - 1 Project is not subject to SEQR because it is a Type II action.

SEQR Lead Agency None Designated

State Historic Preservation Act (SHPA) Determination

SHPA - 0 The proposed activity is not subject to review in accordance with SHPA. The permit type is exempt or the activity is being reviewed in accordance with federal historic preservation regulations.

This project is located in a coastal management area and is subject to the waterfront revitalization and coastal resources act.

Availability For Public Comment

Comments on this project must be submitted in writing to the Contact Person no later than 04/07/99.

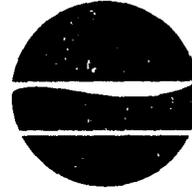
Contact Person

HAROLD J DICKEY, NYSDEC
47-40 21ST STREET
LONG ISLAND CITY NY 11101
(718) 482-4997



New York State Department of Environmental Conservation

Notice of Complete Application



Date MARCH 02, 1999

Applicant NYC DEPARTMENT OF TRANSPORTATION
40 WORTH ST
11TH FLOOR
NEW YORK NY 10003

Application ID 2-6102-00076/00004

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This project is located in a coastal management area and is subject to the waterfront revitalization and coastal resources act.

Availability For Public Comment

Comments on this project must be submitted in writing to the Contact Person no later than 04/07/99.

Contact Person

HAROLD J DICKEY, NYSDEC
47-40 21ST STREET
LONG ISLAND CITY NY 11101
(718) 482-4997





**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel:718/788-4516 /Fax:718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Thomas Hoctor

FROM: Thomas Siano *David Siano*
Director of Asphalt Operations *Dr*

DATE: February 15, 1996

RE: Hamilton Asphalt Plant Modification Summary

The New York City Hamilton Asphalt Plant completed a \$2.8 million capital modification in August 1995. The plant was upgraded from a 280 ton per hour facility capable of recycling a maximum of 20% - 25% RAP and glass cullet to a 350 ton per hour 50% recycling plant. Some of the new features include a counter flow drum and in-line RAP breaker. This not only enables us to introduce RAP in larger, more uniform quantities, but allows us to heat the RAP and asphalt cement in an outer chamber designed to use conductive and radiant heat. The plant was also retrofitted with a primary cone dust collector, a 65,000 cubic feet per minute baghouse, larger cold feed bins, and enclosed aggregate conveyors. A blue smoke recovery system also was installed which serves a dual purpose. The Hamilton Plant is in close proximity to an elevated expressway, as a result we worked to eliminate emissions escaping from the top of our storage silos. The recovery system collects these gases and reintroduces them back into the mixing drum via the drag slat conveyor. They are then incinerated in the mixing drum. The benefit of channeling the gases back down the drag is the reduction in heat loss within the material transfer process. This is especially important when higher percentages of recycling materials are used in colder weather.

Overall, the NYC DOT Hamilton Asphalt Plant not only provides City paving crews with high quality recycled mixes, but does so in a more environmentally friendly atmosphere. The higher percentages of RAP and glass being used benefit the City's recycling efforts in several ways. It assists Sanitation by reducing the amount of materials introduced to the landfill by reintroducing RAP and glass into new asphalt material. And the asphalt plant saves over two million dollars a year in reduced purchases of virgin aggregates and asphalt cement, the materials that are replaced by the recycled products.

New York State Department of Environmental Conservation
Division of Air Resources
190 Broadway, Long Island City, NY 11101
Tel: 718-484-4844 FAX: 718-482-4874



Michael D. Zagata
Commissioner

LIS	
WHR	WHR
GLC	

RECEIVED
SEP 15 1995
DAVID SMOTRICH & PARTNERS

September 13, 1995

Mr. Bill Eisenberg
David Smotrich & Partners
441 Park Avenue South
New York, N.Y. 10016

RE: The New York City Department of Transportation (NYCDOT)
Hamilton Avenue Asphalt Plant.

AirRecon Stack Test Protocol of September 11, 1995.

Dear Mr. Eisenberg:

I received today 2 copies of the referenced stack test protocol. One copy was immediately sent to our Albany group that reviews test protocols. They will review and comment on the test methods and proposed test instruments. However our staff in New York City's DEC Region 2 requires additional information pertaining to the operation of the asphalt plant during the test. We are asking that the plant be tested for all pollutants of concern under a variety of operating conditions. This requirement makes the test a lengthier and larger project than you seem to have envisioned.

This plant has had a history of Air violations. Some were visual standard violations others were actual nuisances consisting of odors and of dust and other substances deposition on private property. We are hoping that the new plant would prevent reoccurrences of such violations and nuisances. For this reason we are asking that you test under the operating conditions that in aggregate comprise in excess of 90% of the operational possibilities.

Regular (virgin) asphalt production must be tested at the maximum and also during the average production levels.

Asphalt production using recycled asphalt must also be tested during the maximum and also during the average production levels. If the percentage of recycled asphalt varies significantly during

different batches, then the most common mixtures must all be tested.

Same testing requirements apply to other mixtures should other types of mixtures be part of your production.

Your input to such a testing "Matrix" is essential. We are counting on you to supply the production quantities and the composition of the most common asphalt mixtures. We can then by mutual consent finalize the protocol. Please respond no later than October 4, 1995.

Sincerely,



Bert Breitburg, P.E.
Environmental Engineer II

CC: Steven J. Culmo, AirRecon

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, NY 11101
Tel: 718-482-4944 FAX: 718-482-4874



Michael D. Zagata
Commissioner

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

August 15, 1995

Mr. Terry Osweiler
P.O. Box 524
Brothers Equipment
Highland Mills, N.Y. 10930

RE: New York City Department of Transportation (NYCDOT) Asphalt
Mixing Plant on Hamilton Avenue, Brooklyn.

Dear Mr. Osweiler:

Please be reminded of the Special Condition #1 of the Permit to Construct issued on May 9, 1995 by this office to the referenced facility. The above-mentioned Special Condition requires the applicant to have submitted by June 15, 1995 to this office, a stack test protocol proposal to test the NOx, VOC, CO and Particulate emissions that emanate from the referenced facility. To the date of this letter we did not receive the stack test protocol. Failure to comply with any the special condition of the permit constitutes a violation of Part 201 of 6NYCRR and is subject to an enforcement action that may result into the imposition of fines by NYSDEC and/or the cancellation of the permit to construct.

Within 14 days of receipt of this letter please submit to my attention, the above mentioned test protocols. Should you have any questions concerning the requests of this letter, feel free to call me at (718) 482-4944.

Sincerely,

A handwritten signature in cursive script that reads "Bert Breithurg".

Bert Breithurg, P.E.
Environmental Engineer II

CC: Laurieann Silberfeld, Esq., Asst. Regional Attorney



FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION
250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 - 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
60982527	05/16/94	09/15/96	0.00

TYPE: P12 SUPERVISE BULK OIL PLANTS
 NAME: SLATER WILLIAM D
 ADDRESS: 50 DEKAY ST.
 RICHMOND NY 103100000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
104321079	07/14/40	M	5'10"	145 LBS

HAIR	EYES	CITY EMPLOYEE
BROWN	HAZEL	YES

EMPLOYER: DEPT OF TRANSPORTATION
 WORK ADDRESS: 448 HAMILTON AVE
 BROOKLYN NY 112320000
 SIGNATURE: *William Slater*

RENEWAL COUPON

(B)

EXPIRES 09/15/96
 SIGNATURE _____
 NAME: SLATER WILLIAM D
 CERTIFICATE NO.: 60982527 TYPE: P12
 DESCRIPTION: SUPERVISE BULK OIL PLANTS
 EMPLOYER NAME: DEPT OF TRANSPORTATION



FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION
250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 - 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
62008867	07/06/95	03/04/98	0.00

TYPE: P12 SUPERVISE BULK OIL PLANTS
 NAME: OLIVER GEORGE S
 ADDRESS: 1 BAYSIDE AVE
 QUEENS NY 116970000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
087285641	08/01/36	M	6'06"	230 LBS

HAIR	EYES	CITY EMPLOYEE
BROWN	BLUE	YES

EMPLOYER: NYC DEPT OF TRANSP.
 WORK ADDRESS: 448 HAMILTON AVE
 BROOKLYN NY 112320000
 SIGNATURE _____

RENEWAL COUPON

(B)

EXPIRES 03/04/98
 SIGNATURE _____
 NAME: OLIVER GEORGE S
 CERTIFICATE NO.: 62008867 TYPE: P12
 DESCRIPTION: SUPERVISE BULK OIL PLANTS
 EMPLOYER NAME: NYC DEPT OF TRANSP.

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DOT P HAM 00000042



**New York City
Department of Transportation**

Thomas J. Siano
Chief of Asphalt Operations
448 Hamilton Avenue
Brooklyn, New York 11232
Tel:718/788-4516, Fax:718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Afsar Taherzadeh
D.G.S. Project Manager/Hamilton Production Facility

FROM: Thomas Siano
Chief of Asphalt Operations 

DATE: July 28, 1995

RE: Relocation of Silo Hot Oil Booster Pumps

As per your request for written justification for the change order to relocate our silo hot oil booster pumps, two factors must be addressed. The first and foremost deals with driver safety during the load out process. As you are aware, delays in registering the Hamilton Ave. facility contract put us in a position where we had to purchase a portable control room trailer and place it in an area where our plant operators could view the entire production facility and load out area simultaneously. The only available site was on the extreme eastern portion of the yard bordering Hamilton Ave. Although the silos and scale area are visible, the discharge gates for bins 1 & 3 are not. If a truck is improperly positioned under either of these gates the outcome could very well be a six ton drop of 310 degree asphalt mix on the cab of the vehicle. The result could be deadly. At present I have one person stationed at the scale, with a radio, who positions the truck and notifies the control room when the load can be safely dropped. With the relocation of the pumps and piping, and a clear line of site established, this hazard will be eliminated. The second factor deals with the environment. By removing the booster pumps and placing them on the concrete pad containing the hot oil and baghouse compressors, any leakage that might potentially occur would be spotted immediately and addressed in the most timely fashion.

Your quick action in this matter would not only reduce the risk of contaminating the surrounding soil and high water table but ensure a much safer operation. Should you require additional information, do not hesitate to call me.

cc: B/C J. Foulke, D/B/C E. Theofan, D. Sterman, R. Murphy.

Account 7454

AAZ

DOB: ✓

\$ 1,716.96

✓

was not charged for sign

who gets sign
reschedule
subject code

CONSTRUCTION DELAYS OF HAMILTON AVENUE ASPHALT PLANT
PRODUCTION EQUIPMENT

On Thursday, June 28, 1995 Nick Sicuranza, Chief of Fire Prevention and Bulk Oil Storage at the NYC Fire Department, inspected the work taking place at Hamilton Avenue. Mr. Sicuranza verbally informed Bill Slater of certain tests required by the Fire Department on the foam system for the A/C tank dike area, hydrostatic testing of the new A/C piping, as well as the correction of other pre-existing conditions. The contractor, as well as personnel here, felt that some of the comments made during Chief Sicuranza's visit were not directly pertinent to the construction activity taking place. After our weekly progress meeting today, July 5, 1995, the DGS project manager and her supervisor, the contractor, and the project's architect met with Chief Sicuranza in his office on Livingston St.

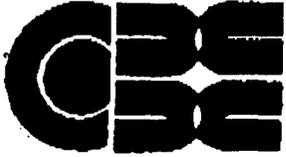
At this meeting, while he did not give out any violation orders or other written document, he apparently informed the project manager of what will be required to conform with all Fire Department regulations to operate the plant. The DGS personnel who were present felt that Chief Sicuranza's concerns and requirements were all reasonable and would not add any substantial additional delays to the projected start date that we were working with prior to his visit. Gencor's representative returned from the meeting and restarted construction of the piping system for the foam lines. After this system is built, FD will need to witness various tests of this new equipment, and for us to remove some other minor outstanding matters. We expect all this to take place by the middle or end of next week. Following the Fire Department's approval, we will have A/C delivered to Hamilton Ave. and begin to produce test mixes of asphalt as early as the latter part of next week. Provided no major problems occur while the new equipment is producing HMA in this test mode, and following the expected ten day training period for Plant personnel on the new control computers, it is possible that we will be able to supply crews either the week of July 17 or the following week. I will keep you informed of our progress.

This Fire Department approval will be an interim approval. Certain additional modifications to the tower area will be made as part of the upcoming facility construction contract.



David Sterman

ds-work/3



914-928-2710
FAX: 914-928-7966

OSWEILER Bros. Equipment, Inc.

EQUIPMENT SALES, SERVICE & ENGINEERING

For the Construction Industry

P.O. BOX 524

HIGHLAND MILLS, NEW YORK 10930

JOB MEETING MINUTES NO. 15

Page -1-

DATE OF MEETING: May 3, 1995 @ 10:00 AM

LOCATION: Brooklyn Asphalt Plant
488 Hamilton Avenue
Brooklyn, NY 11232

RE: Replacement of Asphalt Mixing Drum and Associated Equipment

PRESENT:	Afsar Taherzadeh	Dept. of General Services
	Thomas Siano	Dept. of Transportation
	Terry Osweiler	Osweiler Bros. (Gencor Ind.)
	Randall Zweibohmer	Gencor Industries
	Dave Sterman	Dept. of Transportation
	William Eisenberg	David Smotrich & Partners
	Albert Moy	Dept. of General Services
	Nicholas Russak	Brooklyn Union Gas
	Neil Young	Brooklyn Union Gas

SUBMITTED BY:

Terry Osweiler
Osweiler Bros. Equipment, Inc.

JOB MEETING MINUTES

PAGE: -2-

DATE: 05/03/95

ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
	Afsar opened the meeting. A review of the old business follows:	Gencor will furnish additional info prior to negotiation.	
1-2	The Top of Silo Blue Smoke System and the relocation of Operator's Control Center with Temporary Control House Proposal contract change request was signed by T. Osweiler on 03/01/95. Price negotiation pending.	Gencor DGS	05/09/95
1-8	EPC Permit Application was redone and was submitted with proper drawings to the environmental engineer on 03/23/95. The Permit to Construct is expected by 05/15/95.	may have sign thru 5/11/95. Gencor & Osweiler	off by 05/09/95
1-10 & 3-26	Brooklyn Union Gas submitted a schematic, dated 03/15/95, for the gas supply meter and regulator set that will be required. Gencor submitted material and labor costs proposal for changes required, on 04/26/95. Price negotiation pending. DGS requested a written confirmation from Brooklyn Union gas for the proposed requirements.	signed by Gencor, negotiation. DGS & BUG	pending 05/09/95
1-11	Gencor issued to DGS a price proposal with material and labor cost breakdown, to supply a new electrical property line box and new fusible crab joints. DGS verbally told Gencor to proceed with this work. The proposal contract change request and price negotiation is pending. This work started on 03/28/95. Time and material reports are to be submitted on a daily basis for this portion of work.	Δ order Gencor w/ supply cost breakdown DGS - Gencor	issued by DGS 05/09/95
2-16	Per Specification Division 11000-14, Section S: Concrete Paving: This item will be removed from Gencor's contract. A credit change order is to be prepared and submitted to DGS. The estimated area is 11,000 sq ft.	Gencor & Osweiler	issued and pending negotiations letter of instructions required 05/09/95

JOB MEETING MINUTES

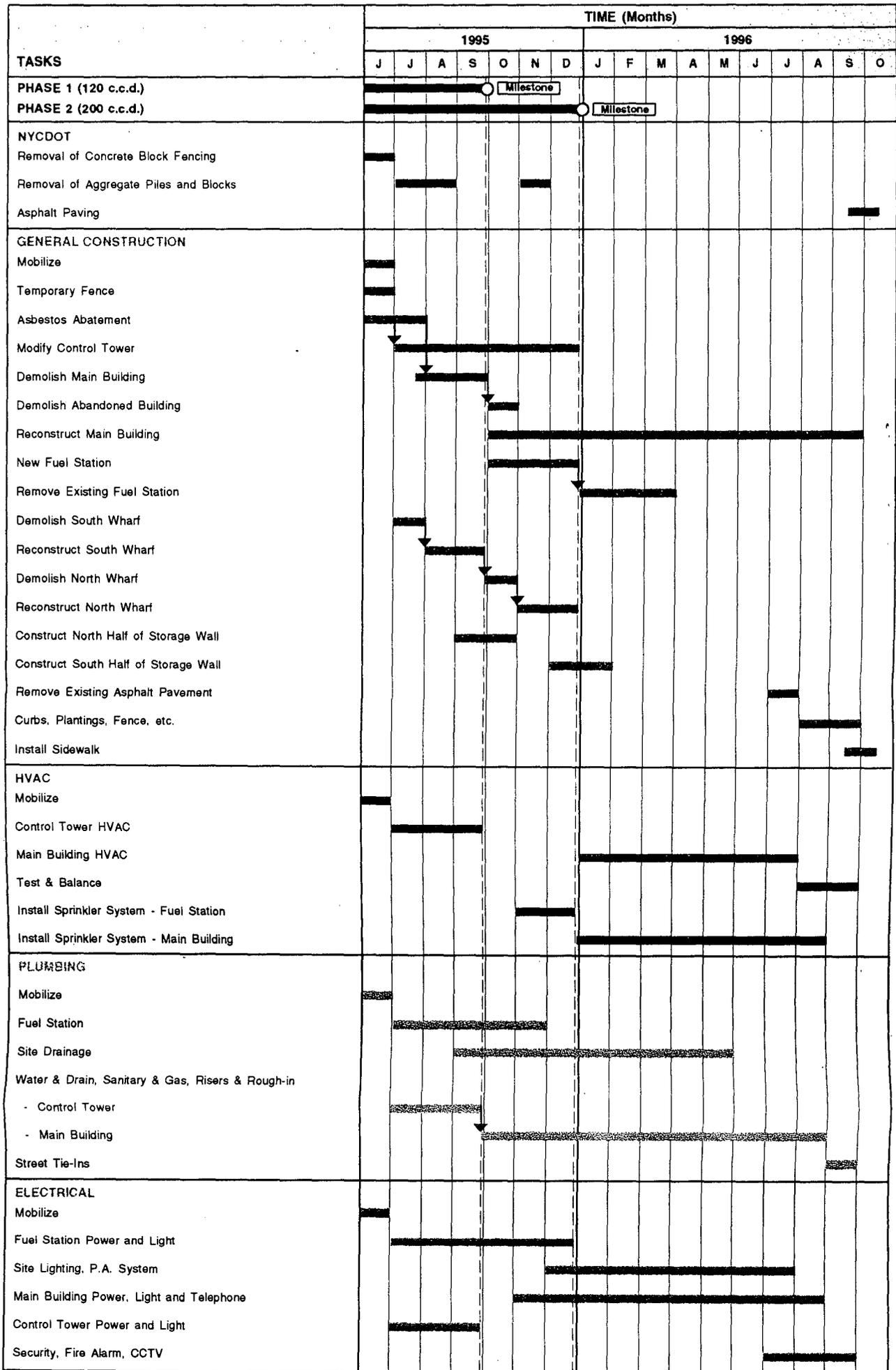
PAGE: -3-

DATE: 05/03/95

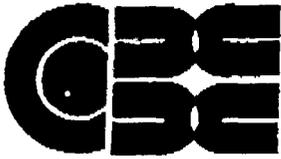
ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
2-19	The required work permits have been submitted to the NYC Dept. of Business Services. The drawings showing new equipment, plan, elevations, foundations and piping were signed by a NY State PE and filed as an addendum to the permit for modifications to the control tower on 03/29/95. Permit #940058.	<p><i>form B needs signature by DGS & Gencor.</i> <i>Kevin Patten P.E.</i></p> <p>DGS Submitted</p>	<p>05/09/95</p>
3-24	The Inspection Reports for Pile Driving are to be submitted by G. Pillori.	DGS	05/09/95
3-28	Oil contaminated soil was found on jobsite while excavating for new pile. DGS acquired the services of O'Brien & Kritzberg Company to do core testing. Five well points were drilled and will be monitored by O'Brien & Kritzberg. DGS issued to Gencor, a field order to excavate contaminated soil and stock pile this material onsite. This work will be on a time and material basis and added to Gencor Industries' contract. The replacement of fill material and compaction is also part of this field order. A cost breakdown for this work is to be submitted by Gencor Industries.	<p><i>Order issued by DGS cap is \$28,000</i></p> <p>DGS & Gencor</p>	<p>05/09/95</p>
4-34	<p>The next meeting is scheduled for 05/09/95 at 10:00 AM at the jobsite, 488 Hamilton Avenue, Brooklyn, NY 11232</p> <p><i>abandoned drainage pit</i></p>	All Attendees	05/09/95

PROJECT SCHEDULE

CONSTRUCTION MANAGEMENT SERVICES FOR HAMILTON AVENUE
YARD RECONSTRUCTION, BROOKLYN



NYCDGSHM/1



OSWEILER Bros. Equipment, Inc.

EQUIPMENT SALES, SERVICE & ENGINEERING

For the Construction Industry

P.O. BOX 524

HIGHLAND MILLS, NEW YORK 10930

JOB MEETING MINUTES NO. 14

Page -1-

DATE OF MEETING: April 26, 1995 @ 9:00 AM

LOCATION: Brooklyn Asphalt Plant
488 Hamilton Avenue
Brooklyn, NY 11232

RE: Replacement of Asphalt Mixing Drum and Associated Equipment

PRESENT:	Afsar Taherzadeh	Dept. of General Services
	Thomas Siano	Dept. of Transportation
	Terry Osweiler	Osweiler Bros. (Gencor Ind.)
	Randall Zweibohmer	Gencor Industries
	Dave Sterman	Dept. of Transportation
	William Eisenberg	David Smptrich & Partners
	Reza Zeynali	Dept. of General Services

SUBMITTED BY:

Terry Osweiler
Osweiler Bros. Equipment, Inc.

JOB MEETING MINUTES

PAGE: -2-

DATE: 04/26/95

ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
	Afsar opened the meeting. A review of the old business follows:		
1-2	The Top of Silo Blue Smoke System and the relocation of Operator's Control Center with Temporary Control House Proposal contract change request was signed by T. Osweiler on 03/01/95. Price negotiation pending.	DGS <i>→ Bert Brittenburg.</i>	05/03/95
1-8	EPC Permit Application is redone and was submitted with proper drawings to the environmental engineer on 03/23/95. The Permit to Construct is expected by 05/15/95.	Gencor very concerned about starting work before permit Gencor & Osweiler <i>is based.</i>	05/03/95
1-10 & 3-26	Brooklyn Union Gas submitted a schematic, dated 03/15/95, for the gas supply meter and regulator set that will be required. Gencor submitted material and labor costs proposal for the changes required, on 04/26/95. Price negotiation pending. DGS requested a written confirmation, from Brooklyn Union Gas, for the proposed requirements.	<i>potential fine would be substantial. Afsar will call.</i> BUG will work DGS	05/03/95
1-11	Gencor issued to DGS a price proposal with material and labor cost breakdown, to supply a new electrical property line box and new fusible crab joints. DGS verbally told Gencor to proceed with this work. The proposal contract change request and price negotiation is pending. This work started on 03/28/95. Time and material reports are to be submitted on a daily basis for this portion of work.	DGS	05/03/95
2-16	Per Specification Division 11000-14, Section S: Concrete Paving: This item will be removed from Gencor's contract. A credit change order is to be prepared and submitted to DGS. The estimated area is 11,000 sq ft.	Gencor & Osweiler	05/03/95

JOB MEETING MINUTES

PAGE: -3-DATE: 04/26/95

ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
2-19	The required work permits have been submitted to the NYC Dept. of Business Services. The drawings showing new equipment, plan, elevations, foundations and piping were signed by a NY State PE and filed as an addendum to the permit for modifications to the control tower on 03/29/95. Permit #940058.	<i>architect following up has not reached.</i> DBS	05/03/95
3-24	The Inspection Reports for Pile Driving are to be submitted by G. Pillori.	DGS	05/03/95
3-28	Oil contaminated soil was found on jobsite while excavating for new pile. DGS acquired the services of O'Brien & Kritzberg Company to do core testing. Five well points were drilled and will be monitored by O'Brien & Kritzberg. DGS issued to Gencor a field order to excavate contaminated soil and stock pile this material onsite. This work will be on a time and material basis and added to Gencor Industries' contract. The replacement of fill material and compaction is also part of this field order.	<i>time & materials Δ order</i> DGS & Gencor	05/03/95
3-30	A revised Work Schedule is required on or before 05/03/95.	Gencor & Osweiler	05/03/95
4-34	The next meeting is scheduled for 05/03/95 at 10:00 AM at the jobsite, 488 Hamilton Avenue, Brooklyn, NY 11232.	All Attendees	05/03/95
<i>BUG will assist with Hullen if necessary</i>			

TOTAL P.04



OSWEILER Bros. Equipment, Inc.

EQUIPMENT SALES, SERVICE & ENGINEERING

For the Construction Industry

P.O. BOX 524

HIGHLAND MILLS, NEW YORK 10930

JOB MEETING MINUTES NO. 12

Page -1-

DATE OF MEETING: April 4, 1995 @ 10:00 AM

LOCATION: Brooklyn Asphalt Plant
488 Hamilton Avenue
Brooklyn, NY 11232

RE: Replacement of Asphalt Mixing Drum and Associated Equipment

PRESENT:	Afsar Taherzadeh	Dept. of General Services
	Thomas Siano	Dept. of Transportation
	Terry Osweiler	Osweiler Bros. (Gencor Ind.)
	Neil Young	Brooklyn Union Gas
	Nick Russak	Brooklyn Union Gas
	Randall Zweibohmer	Gencor Industries
	Albert Moy	Dept. of General Services
	Dave Sterman	Dept. of Transportation
	William Eisenberg	David Smotrich & Partners

SUBMITTED BY:

Terry Osweiler
Osweiler Bros. Equipment, Inc.

JOB MEETING MINUTES

PAGE: -2-

DATE: 04/04/95

ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
	Afsar opened the meeting. A review of the old business follows:		
1-2	The Top of Silo Blue Smoke System and the relocation of Operator's control center with temporary control house proposal contract change request was signed by T. Osweiler on 03/01/95. Price negotiation pending.	<i>mirrored glass not available yet. several options available</i> DGS	04/11/95
1-8	EPC Permit Application is redone and submitted with proper drawings to the environmental engineer on 03/23/95.	<i>response...</i> Gencor & Osweiler	04/11/95
1-10 & 3-26	Brooklyn Union Gas submitted a schematic, dated 03/15/95, for the gas supply meter and regulator set that will be required. Gencor will prepare material and labor costs proposal for the changes required.	<i>design comparison will be the label for this order</i> Gencor	04/11/95
1-11	Gencor issued to DGS a price proposal with material and labor cost breakdown, to supply a new electrical property line box and new fusible crab joints. DGS verbally told Gencor to proceed with this work. The proposal contract change request and price negotiation is pending. This work started on 03/28/95. Time and material reports are to be submitted on a daily basis for this portion of work.	DGS	04/11/95
2-16	Per Specification Division 11000-14, <u>Section S: Concrete Paving</u> : This item will be removed from Gencor's contract. A credit change order is to be prepared and submitted to DGS. The estimated area is 11,000 sq ft.	Gencor & Osweiler	04/11/95
2-19	The required work permits have been submitted to the NYC Dept. of Business Services. The drawings showing new equipment, plan, elevations, foundations and piping were signed by a NY State PE and filed as an addendum to the permit for modifications to the control tower on 03/29/95. Permit #940058.	<i>no action yet at this time</i> DBS	04/11/95

JOB MEETING MINUTES

PAGE: -3-

DATE: 04/04/95

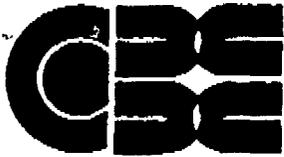
ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
3-24	A copy of a letter from Robert Silman Asso. was distributed to DGS recommending testing and monitoring vibrations generated during pile driving to protect existing control tower structure. The city Topographical Unit and a D. Smotrich engineer will take care of these requirements. Randy Zweibohmer will notify each individual 24 hours in advance of driving pile. Contact G. Pillori at 908-615-2179 for pile driving inspection.	off agenda, complete DGS	04/06/95
3-28	Oil contaminated soil was found on jobsite while excavating for new pile. DGS acquired O'Brien & Kritzberg Company to do core testing. Five well points were drilled and will be monitored by O'Brien & Kritzberg. DGS issued to Gencor a field order to excavate contaminated soil and stock pile this material onsite. This work will be on a time and material basis and added to Gencor Industries' contract. The replacement of fill material and compaction is also part of this field order. Pile driving will begin after fill material is compacted and stable, estimated date, 04/06/95.	6-700 cu. yds. of contaminated soil. O'Brien & Kritzberg will do the disposal, Gencor will assist in the rebackfill. DGS & Gencor	04/06/95
3-30	A revised Work Schedule will be required once pile driving begins. <i>available next week</i> <i>DGS needs advance notice on the testing of gas pumps.</i> <u>NEW BUSINESS</u>	Gencor & Osweiler	04/11/95
4-32	The stairs to top of the existing control tower are not safe and use should be limited, if not closed off.	Done	04/04/95
4-33	Removal of existing fuel tank will be the responsibility of DOT.	DOT	04/04/95
4-34	The next meeting is scheduled for 04/11/95 at 10:00 AM at the jobsite, 488 Hamilton Ave. Brooklyn, NY 11232 <i>expect 3 days of pouring for concrete</i>	All Attendees <i>Testwell cleanup dry notice</i> <i>914 944 2550</i>	04/11/95

Sign In - Sheet

4-4-95

Hamilton Ave Progress Reconstruction

Name	Telephone	Affiliation
Atsar Taherzadeh	212-669-7347	DGS
Albert Moy	669-7847	DGS
NEIL YOUNG	718-403-3245	BU
Nick Ruskak	(718) 403-3283	BU
TERRY OSWELLER	914-928-2710	OSWELLER Bros. Equip.
W.H. EISENBERG	212-687-5775	D. SMOTRICH + PTULS.
THOMAS SIANO	718-788-4516	N.Y.C. D.O.T.
PAVE SERMAN.	212-442-7474	D.O.T.



OSWEILER Bros. Equipment, Inc.

EQUIPMENT SALES, SERVICE & ENGINEERING

For the Construction Industry

P.O. BOX 524

HIGHLAND MILLS, NEW YORK 10930

JOB MEETING MINUTES NO. 11

Page -1-

DATE OF MEETING: March 28, 1995 @ 10:00 AM

LOCATION: Brooklyn Asphalt Plant
488 Hamilton Avenue
Brooklyn, NY 11232

RE: Replacement of Asphalt Mixing Drum and Associated Equipment

PRESENT:	Afsar Taherzadeh	Dept. of General Services
	Thomas Siano	Dept. of Transportation
	Terry Osweiler	Osweiler Bros. (Gencor Ind.)
	Neil Young	Brooklyn Union Gas
	Nick Russak	Brooklyn Union Gas
	Randall Zweibohmer	Gencor Industries
	Joseph Occhiogrosso	Brooklyn Union Gas
	Albert Moy	Dept. of General Services

SUBMITTED BY:

Terry Osweiler
Osweiler Bros. Equipment, Inc.

JOB MEETING MINUTES

PAGE: -2-DATE: 03/28/95

ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
	Afsar opened the meeting. A review of the old business follows:		
1-1	All catalog cuts and drawings, listed on the drawing log schedule, have been approved.		
1-2	The Top of Silo Blue Smoke System and the relocation of Operator's control center with temporary control house proposal contract change request was signed by T. Osweiler on 03/01/95. Price negotiation pending.	DGS	04/04/95
1-8	EPC Permit Application is redone and submitted with proper drawings to the environmental engineer on 03/23/95.	Gencor & Osweiler	03/23/95
1-10 & 3-26	Brooklyn Union Gas reviewed the existing gas service at the jobsite and determined that they will supply a new meter and regulator set in order to meet the new plant requirements. All gas pipe is to be installed by a certified Brooklyn Union Gas welder and radio graph is required at each weld joint. The gas company will review Gencor's gas piping layout drawings. The low gas flow requirements for the existing asphalt tank burners and hot oil heater will be reviewed to determine proper meter size. Brooklyn Union Gas submitted a schematic, dated 30/15/95, for the gas supply meter and regulator set that will be required. Gencor will prepare material and labor costs proposal for the changes required.	Gencor	04/04/95
1-11	Gencor issued to DGS a price proposal with material and labor cost breakdown, to supply a new electrical property line box and new fusible crab joints. DGS verbally told Gencor to proceed with this work. The proposal contract change request and price negotiation is pending.	DGS	04/04/95

JOB MEETING MINUTES

PAGE: -3-DATE: 03/28/95

ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
2-16	Per Specification Division 11000-14, Section S: <u>Concrete Paving</u> : This item will be removed from Gencor's contract. A credit change order is to be prepared and submitted to DGS. The estimated area is 11,000 sq ft.	Gencor & Osweiler	04/04/95
2-19	The required work permits for the project are to be directed through the NYC Dept. of Business Services. All layout drawings showing existing equipment, plan, elevations and piping were issued to D. Smotrich and signed to a New York PE on 03/29/95.	D. Smotrich & Partners	04/04/95
3-24	A copy of a letter from Robert Silman Asso. was distributed to DGS recommending testing and monitoring vibrations generated during pile driving to protect existing control tower structure. The city Topographical Unit and a D. Smotrich engineer will take care of these requirements. Randy Zweibohmer will notify each individual 24 hours in advance of driving pile.	DGS	04/03/95
	<u>NEW BUSINESS</u>		
3-28	Oil contaminated soil was found on jobsite while excavating for new pile. DGS acquired O'Brien & Kritzberg Company to do core testing. Five well points were drilled and will be monitored by O'Brien & Kritzberg. DGS issued Gencor a field order to excavate contaminated soil and stock pile this material onsite. This work will be on a time and material basis and added to Gencor Industries' contract. The replacement of fill material and compaction is also part of this field order. Pile driving will begin after fill material is compacted and stable, estimated date, 04/03/95.	DGS & Gencor	04/04/95
3-30	A revised Work Schedule will be required once pile driving begins.	Osweiler & Gencor	04/04/95
3-31	The next meeting is scheduled for 04/04/95, at 10:00 AM at the jobsite, 488 Hamilton Avenue, Brooklyn, NY 11232.	All Attendees	04/04/95

TOTAL P.04



914-928-2710
FAX: 914-928-7966

OSWEILER Bros. Equipment, Inc.

EQUIPMENT SALES, SERVICE & ENGINEERING

For the Construction Industry

P.O. BOX 524

HIGHLAND MILLS, NEW YORK 10930

JOB MEETING MINUTES NO. 10

Page -1-

DATE OF MEETING: March 23, 1995 @ 10:00 AM

LOCATION: Brooklyn Asphalt Plant
488 Hamilton Avenue
Brooklyn, NY 11232

RE: Replacement of Asphalt Mixing Drum and Associated Equipment

PRESENT:	Afsar Taherzadeh	Dept. of General Services
	Thomas Siano	Dept. of Transportation
	William Eisenberg	David Smotrich & Partners
	Terry Osweiler	Osweiler Bros. (Gencor Ind.)
	Neil Young	Brooklyn Union Gas
	Patrick O'Neil	Brooklyn Union Gas
	Randall Zweibohmer	Gencor Industries
	Bob Murphy	Dept. of Transportation

SUBMITTED BY:

Terry Osweiler
Osweiler Bros. Equipment, Inc.

JOB MEETING MINUTES

PAGE: -2-

DATE: 03/23/95

ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
	<p>Afsar opened the meeting. A review of the old business follows:</p>		
<p>1-1</p>	<p>All catalog cuts and drawings listed on the drawing log schedule have been submitted to the consultant. An updated drawing log was issued to DGS by William Eisenberg. Foundation approval drawings were issued 3/16/95. All drawing approvals have been obtained.</p>	<p>D. Smotrich & Partners</p>	<p>03/16/95</p>
<p>1-2</p>	<p>The Top of Silo Blue Smoke System and the relocation of operator's control center with temporary control house proposal contract change request was signed by T. Osweiler on 3/1/95. Price negotiation pending.</p>	<p>DGS</p>	<p>03/28/95</p>
<p>1-8</p>	<p>EPC Permit Application is redone and submitted with proper drawings to the environmental engineer on 3/23/95.</p>	<p><i>Brittenberg of EPC is on jury duty</i> Gencor & Osweiler</p>	<p>03/23/95</p>
<p>1-10 & 3-26</p>	<p>Brooklyn Union Gas reviewed the existing gas service at the jobsite and determined that they will supply a new meter and regulator set in order to meet the new plant requirements. All gas pipe is to be installed by a certified Brooklyn Union Gas welder and radio graph is required at each weld joint. The gas company will review Gencor's gas piping layout drawings. The low gas flow requirements for the existing asphalt tank burners and hot oil heater will be reviewed to determine proper meter size. Brooklyn Union Gas submitted a schematic, dated 3/15/95, for the gas supply meter and regulator set that will be required. Gencor will prepare material and labor costs proposal for the changes required. For Brooklyn Union Gas Approved Contractor contact Vincent Leto at 718-403-2000.</p>	<p><i>proposal should be ready next week</i></p> <p>Gencor</p>	<p>03/31/95</p>

JOB MEETING MINUTES

PAGE: -3-

DATE: 03/23/95

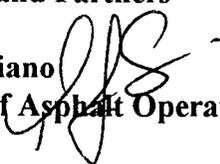
ITEM	DESCRIPTION	ACTION BY	DEADLINE DATE
1-11	Gencor issued to DGS a price proposal with material and labor cost breakdown, to supply a new electrical property line box and new fusible crab joints. DGS verbally told Gencor to proceed with this work. The proposal contract change request and price negotiation is pending.	<i>reviewed presently by Smotrich</i> DGS	03/28/95
2-16	Per Specification Division 11000-14, Section S: Concrete Paving: This item will be removed from Gencor's contract. A credit change order is to be prepared and submitted to DGS. The estimated area is 11,000 sq ft.	Gencor & Osweiler	03/30/95
2-19	The required work permits for the project are to be directed through the NYC Dept. of Business Services. All layout drawings showing existing equipment, plan, elevations and piping will be required and signed by a New York PE. The permits will be issued after it is confirmed and approval is received by David Smotrich. The plant drawings, stamped by a NY engineer were issued to D. Smotrich on 03/27/95.	<i>amendment pending after it is approved.</i> D. Smotrich & Partners	03/27/95
3-24	A copy of a letter from Robert Silman Asso. was distributed to DGS recommending testing and monitoring vibration generated during pile driving to protect existing control tower structure. The city Topographical Unit and a DGS engineer will take care of these requirements.	<i>24 hr. advance notice required prior to piles being driven.</i> DGS	03/28/95
<u>NEW BUSINESS</u>			
3-28	Oil contaminated soil was found on jobsite after excavating for new pile. DGS will have O'Brien & Kritzberg do further core testing.	DGS	03/28/95
3-29	The next meeting is scheduled for March 28, 1995, at 10:00 AM at the Jobsite, 488 Hamilton Avenue, Brooklyn, NY 11232	All Attendees	03/28/95
<i>project schedule to be revised next week.</i>			



Elliot G. Sander, Commissioner

MEMORANDUM

**TO: Bill Eisenberg
Smotrich and Partners**

**FROM: Thomas Siano 
Director of Asphalt Operations**

DATE: January 23, 1995

RE: Improvements to Hamilton Ave. Docking Facility

In response to your request for information required by D.E.C. on improvements made to our docking facility and or equipment that will minimize aggregate spillage, the following steps have been taken:

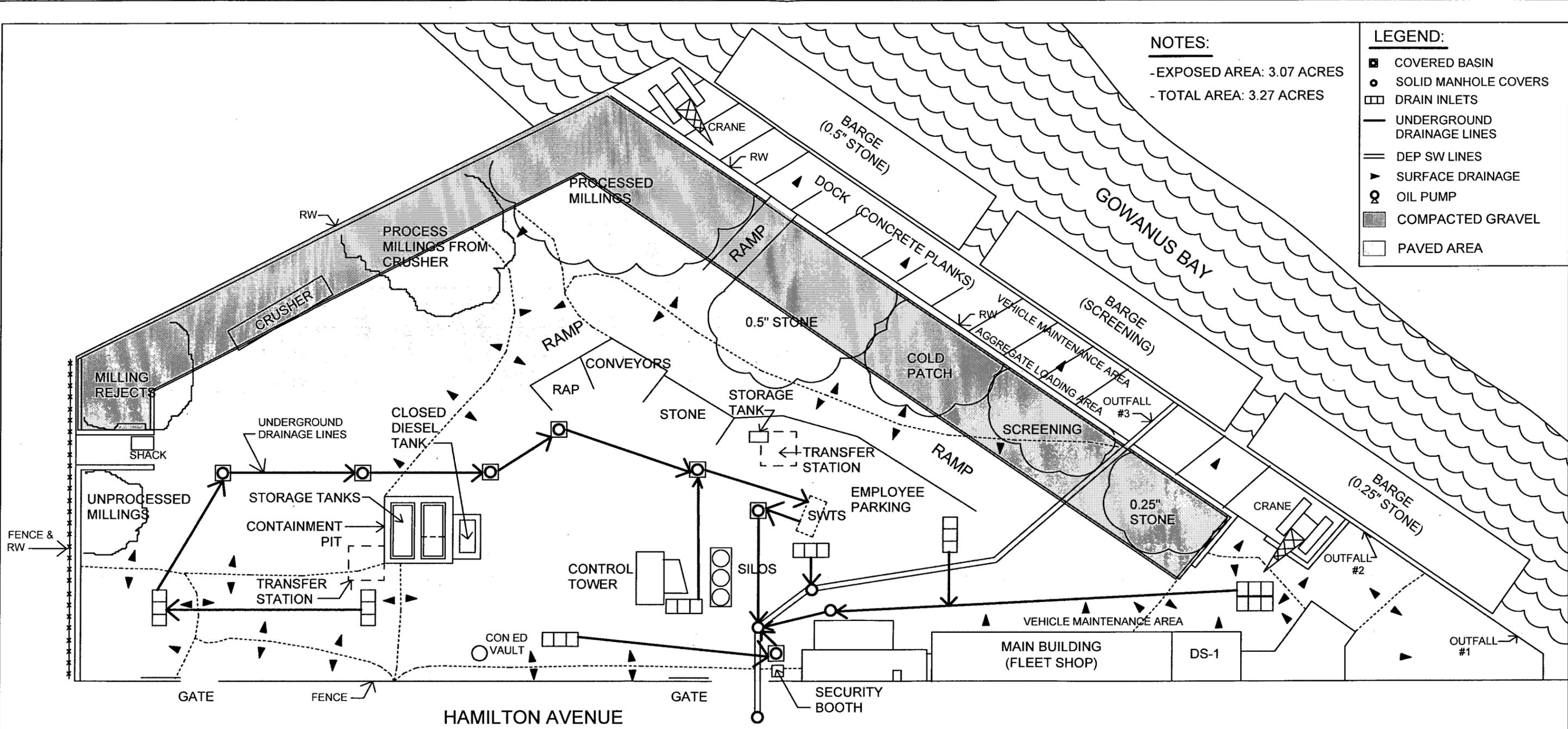
- 1) The purchase of a five yard digging bucket that has a tight seam construction.**
- 2) Digging bucket will not be filled beyond water level capacity.**
- 3) Recent repairs to dock now allow for tighter tie downs.**
- 4) Aggregate barges are only loaded "zero rail," which reduces spillage if the boat should list.**

We believe that with the steps already taken and the addition of a new string piece and cleats to be constructed in the upcoming repair contract, spillage at the Hamilton Ave. docking facility will be kept at a minimum.

cc: Joanne Foulke, David Sterman

DEC BUSINESS

F/ D. STERMAN OFFICE FILES



NOTES:

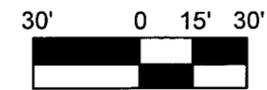
- EXPOSED AREA: 3.07 ACRES
- TOTAL AREA: 3.27 ACRES

LEGEND:

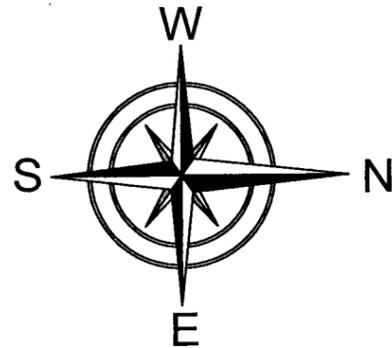
- COVERED BASIN
- SOLID MANHOLE COVERS
- DRAIN INLETS
- UNDERGROUND DRAINAGE LINES
- DEP SW LINES
- ▶ SURFACE DRAINAGE
- ⊗ OIL PUMP
- COMPACTED GRAVEL
- PAVED AREA

NYCDOT HAMILTON PLANT

DATE: 10/8/09 (REV.)



BY R. GRANT





NYSDEC SPILL REPORT FORM



DEC REGION: 2 **SPILL NUMBER:** 0801579
SPILL NAME: NYCDOT HAMILTON ASPHALT PLANT **DEC LEAD:** Vought
CALLER NAME: GUS MONTALVO **NOTIFIER'S NAME:** GUS MONTALVO
CLR'S AGENCY: NYC DOT **NOTIFIER'S AGENCY:** NYC DOT
CALLER'S PHONE: (718) 369-4246 **NOTIFIER'S PHONE:** (718) 369-4246
SPILL DATE: 05/20/2008 **SPILL TIME:** 11:27 am
CALL RECEIVED DATE: 05/20/2008 **RECEIVED TIME:** 4:35 pm

SPILL LOCATION

PLACE: NYCDOT HAMILTON ASPHALT PLANT **COUNTY:** Kings
STREET: 448 HAMILTON AVE **TOWN/CITY:** New York City
CONTACT: ANTHONY BORDENCA **COMMUNITY:** BROOKLYN
CONTACT PHONE: (718) 369-4246
CONT. FACTOR: Human Error **SPILL REPORTED BY:** Responsible Party
FACILITY TYPE: Commercial Vehicle **WATERBODY:**

CALLER REMARKS:

ENTERED SECONDARY CONTAINMENT, OVERRID DRIVER ERROR MAKING ARRANGEMENTS FOR CLEAN UP

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
ASPHALT	Petroleum	0.33188 G	0.33 G	Soil

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
DOT FACILITY	448 HAMILTON AVE BROOKLYN NY	ANTHONY BORDENCA (718) 369 4240

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure
----------	-----------	----------	-------	--------	-------------	-----------	---------------

DEC REMARKS:

05/20/08 Vought-Off hours responder. Called and spoke to Anthony Bordenca and a cause of spill was overfilling delivery tank truck containing asphalt. As per Bordenca, representative from All Saints Limited (an off-peak terminal) arrived on site, spoke with operating room and confirmed that delivery was to made to 20,000-gallon tank. Driver went to ASL and (per) and made delivery but purportedly switched the wrong valve so delivery was made to 10,000 gallon ASL. Spill came out of piping at base of ASL and was released into underlying secondary containment basin consisting of concrete walls and grate bottom. No sewers or drains affected and spill contained as per Bordenca. Vought notified USCG (who instructed Vought to notify USCG due to proximity to Gowanus Bay and to perform site visit. Vought notified USCG Command Center PO Huey of spill and noted spill was contained. PO Huey will send out boat on 5/21/08 to confirm no impact to Bay. Onsite was NYCDOT Anthony Bordenca-Plant Manager, Pt. 718-369-4246 Fax 718-369-4241, NYCDOT Auguste Montalvo-Environmental Coordinator, Pt. 212-442-6810, Fax 212-457-8437, NYCDOT Jonathan Santos, Environmental Compliance Analyst, Pt. 212-418-0130, Fax 212-442-7733, and representatives from All Saints. Vought will return call on 5/21 to obtain information for All Saints. Vought explained to all parties that spill was responsibility of both delivery company and operator as both were on-site and knowledgeable of the the delivery. (S) with

Created On: 05/20/2008
 Date Printed: 9/13/2008
 Last Updated: 09/10/2008

**NYSDEC SPILL REPORT FORM**

DEC REGION: 2 SPILL NUMBER: 0801975
 SPILL NAME: NYCDOT HAMILTON ASPHALT PLANT DEC LEAD: lvought

one month due date and requiring endpoint samples to be sent to both NYCDOT and All Saints. CGL 6/13/08

Mr. Anthony Bordenca
 NYCDOT
 448 Hamilton Avenue
 Brooklyn, NY 11232
 Fax: (718) 389-4211

Vought called Bordenca and left message to return call with contact for All Saints and update.
 Vought received call from Bordenca and second address is:

Mr. Robert St. John
 All Saints Limited
 25 Hoag Hills Drive
 Ridge, NY 11961
 Ph: 516,305-4351
 Fax: (516)924-0123

Bordenca stated that All Saints were performing site visits this week to determine scope of work which may begin on Tuesday 5/27. Vought sent letter to both above address with one month due date and faxed copies as well.

05/28/08-Vought-Received call from and spoke to Richard O'Neil (Ph 516-413-7562) who is hired by All Saints Limited and he is working with DOT, DOH and site managers and proposal for cleanup from rim to containment and excavation. Concerns that excavation will not result in clean endpoints due to prior spill. Expenses to excavate to gravel and DLO will require installation of four soil borings and collection of four soil samples after gravel is reached. Vought also received call from NYCDOT Santos and work will begin on 5/31 and health and safety plan required as per DEH-10 but not specifically by Vought. Permeability testing being submitted to DLO Albany as part SP03 and soil analysis also received.

06/10/08-Vought-Received call from and spoke to NYCDOT Santos and asphalt was removed from secondary containment and contractor still being sought for soil borings. Extension granted by Vought: 1/30/08

07/14/08-Vought-Teleconference set to discuss sampling on 7/14/08 at 11:30am. Teleconference with NYCDOT Santos and MTL Labs John Hicks (516-838-7170). Discussion of endpoint samples and separation of containment into four quadrants and one boring will be performed in each quadrant. Samples will be analyzed for 8270 due to asphalt spill. If refusal is encountered borings will be placed between secondary containment and tray. Costs will be submitted to insurance company and email will be sent to DLO of investigator date.

7/30/08-Vought-Received call from and spoke to NYCDOT Santos and approval given for borings. Work scheduled for 8/2. Coordination difficult as vendor's grid identification a issue and oil company. All Saints is checking availability. As per plant supervisor secondary containment consisted of half inch of stone, layer of corrugated steel and asphalt cement. DLO will consider case closure if documentation of secondary containment is submitted. If no documentation found then borings required to ensure no release to soil and/or groundwater.

08/01/08-Vought-Teleconference with NYCDOT Santos and engineer Mike from MTL Labs and excavation will be performed to clean gravel for secondary containment or clean soil and work scheduled to be performed tomorrow.

08/05/08-Vought-Received proposal from MTL Labs for installation of three soil borings and CEC required. Attachment of a scaled site plan with locations of borings and corrugated sheet piling.

08/05/08-Vought-Received call and spoke to NYCDOT Santos and MTL arrived onsite and were unprepared. MTL

Created On 05/20/2008
 Date Printed 9/10/2008

Last Updated 09/10/2008

2



NYSDEC SPILL REPORT FORM



DEC REGION: 2 SPILL NUMBER: 0801079
 SPILL NAME: NYCDOT HAMILTON ASPHALT PLANT DEC LEAD: jvought

contracted by All Saints Insurance. All Saints brought in independent adjuster and Mike Baldwin wants to discuss a file with DEC. Vought. Initial asphalt was excavated out and portion of site is not covered and remaining asphalt has solidified after 5 months. As per Santos asphalt was excavated to extent possible due to structural limitations of AST support and walls of secondary containment. Vought reviewed spill with DEC Austin and NIA will be issued as long as we install network surrounds asphalt spill to monitor the remote possibility of groundwater contamination increases from asphalt spill. Vought spoke with Dr. C. Maisonneuve (manager of open spill #0302574) who recently approved installation of wells surround asphalt storage area due to BTEX delamination from diesel and fuel oil USTs. Due to high viscosity of asphalt and low penetrability of spill and surrounding BTEX and oil pump this spill closed and referred to open spill #0302574. Vought called NYCDOT Santos and faxed spill report to 212-443-7072.

PIN

T & A

COST CENTER

CLASS:

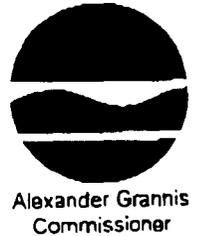
CLOSE DATE: 09/10/2008

MEETS STANDARDS: False

Created On: 09/20/2008
 Date Printed: 09/10/2008

Last Updated: 09/10/2008

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
Spill Prevention and Response Programs
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-6364 • FAX: (718) 482-4098
Website: www.dec.ny.gov



May 21, 2008

Mr. Anthony Bordenca
NYCDOT
448 Hamilton Avenue
Brooklyn, NY 11232
Fax: (718) 369-4211

Mr Robert St. John
All Saints Limited
28 Rolling Hills Drive
Ridge, NY 11961
Fax: (631)924-8123

Re: 448 Hamilton Avenue, Brooklyn, NY
Spill #: 0801979

Dear Sirs:

On 05/21/08, the New York State Department of Environmental Conservation (the Department) was notified that a petroleum release was discovered at the above referenced site. This is a violation of Article 12 of the New York State Navigation Law (NL) Section 173 and according to Section 176 you are required to contain and "promptly clean up and remove the discharge." Therefore, this case will remain open in our database until the Department receives sufficient information to ascertain that the discharge has been cleaned up.

To rectify this problem, a letter report must be submitted to the Department including: site plan, cause of the release, summary of cleanup activities, site observations, post-excavation sampling results and contaminated material disposal manifests. The report must be **submitted to this office no later than one month from the date of this letter**, referencing the spill case number (see above) and the site address.

Furthermore if the bottom of the secondary containment is not composed of concrete then the Department requires:

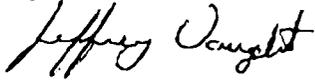
1. Collection of Soil Endpoint Samples from Limit of Excavation: As per DER-10 (Technical Guidance for Site Investigation and Remediation), available at <http://www.dec.state.ny.us/website/der/index.html>, 5.4(a) "In order to document the effectiveness of a soil removal the following sampling activities are to be performed: (2.ii) For excavations 20 to 300 feet in perimeter: (2) For subsurface spills, one sample from the bottom of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area". Samples will be analyzed for EPA Methods 8260 and 8270 and results will be submitted to the Department. Furthermore, a scaled site plan must be submitted with all endpoint sampling locations. Contaminated soil must be removed and

disposed of as per 6 NYCRR Part 364 including the submission of soil disposal manifests to the Department. Additional borings/monitoring wells may be necessary based upon review of the investigation report.

The Department holds any Responsible Party liable for addressing any on- or off-site contamination associated with this spill case. Under Article 12 of the New York State Navigation Law (NL) and Article 17 of Environmental Conservation Law (ECL), any person who discharges petroleum and fails to promptly clean up such prohibited discharge may be subject to a penalty of up to \$37,500 per day per violation.

If you wish to discuss this letter, please contact me at (718) 482-6364.

Sincerely,



Jeffrey Vought
Engineering Geologist
Spill Prevention & Response Programs

cc: A. Montalvo (NYCDOT)
J. Santos (NYCDOT)

January 24, 2007

VIA FACSIMILE AND EXPRESS MAIL

John Cryan
Regional Permit Administrator
New York State Department of Environmental Conservation – Region 2
47-40 21st Street
One Hunters Point Plaza
Long Island City, NY 11101

RE: NYC DOT – Hamilton Avenue Asphalt Plant, Brooklyn, NY
Air State Facility Permit DEC ID 2-6102-00076/00004

Dear Mr. Cryan:

According to the terms of the above-referenced permit, the New York City Department of Transportation (“DOT”) has to maintain a monthly record of the quantity of hot mix asphalt produced at the Hamilton Avenue facility (“Facility”) for annual reporting purposes. In December 2006, after reviewing the Facility’s monthly asphalt production for November 2006, DOT realized that it exceeded the asphalt production per year defined in the permit. The permit defines the maximum production capacity of asphalt at 525,000 tons per year in order to ensure compliance with oxides of nitrogen (“NOx”) emissions capped at 22.5 tons per year. DOT produced 541,123 tons of asphalt at the Facility between December 2005 and November 30, 2006. The results of stack testing from August 2006 reported in the Hamilton Avenue Asphalt Plant Particulate Matter and Opacity Emission Evaluation dated September 19, 2006 reveal that the average NOx emissions from the Facility were 0.0183 and 0.0177 pounds per ton of asphalt 100 % Virgin and 40% RAP, respectively (copy enclosed). DOT’s actual production of asphalt would have resulted in approximately 4.95 tons of NOx emissions annually, well below the 22.5 ton limit.

There were extenuating circumstances that led to the exceedance of the yearly asphalt production including a three week strike by private asphalt producers in July which resulted in DOT having to produce more asphalt at the Facility while still falling short of its lane paving targets. In August 2006, DOT produced more asphalt than normal in order to perform the stack test. In October and November 2006, DOT again produced more asphalt than usual in order to make up for the shortfall in lane paving that resulted from the asphalt strike.

DOT respectfully contends that the increase in asphalt production is a change that meets the operational flexibility criteria for state facility permits found in 6 NYCRR 201-5.4(b). The increase in asphalt production did not cause emissions to exceed emissions limits contained in the permit or applicable New York State or federal emissions caps, nor did it cause the Facility to become subject to any additional requirements under Title 6.

Notwithstanding the foregoing if the NYSDEC desires for reasons of administrative convenience that DOT formally make application for modification of the permit, DOT hereby requests that the NYSDEC modify the air permit for the Facility to increase the maximum production capacity of asphalt to 750,000 tons, while maintaining the other existing permit terms and conditions including NOx emissions. Pursuant to 6 NYCRR 621.6(b), DOT believes that this minor change would not require public notice and comment.

Please note that DOT will submit its annual compliance report for the Facility by January 30, 2007 and will include this letter as part of its submission as requested by the NYS DEC Air Resources Division. We are available to meet at your convenience if you would like to discuss any of the issues contained herein. Please do not hesitate to contact me at (212) 442-7721. On behalf of DOT, I thank you for your consideration of this matter.

Sincerely,

Kedari Reddy
Director, Office of Environmental Compliance Assessment

cc: Sam Leiblich, NYSDEC
Robert Bolt, NYSDEC

Galileo Orlando, DOT
Anthony Bordenca, DOT



New York City
Department of Transportation

Division of Roadway Repair & Maintenance
Technical Services
59 Maiden Lane 37th Fl.
New York, NY 10038
Tel: 212/487-8430 Fax: 212/487-8446

Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

Jan 24, 2007

New York State Department of Environmental Conservation
Division of Air, Region 2
47-40 21st Street
Long Island City, NY 11101-5407

Attn: Sam Lieblich

Re: Hamilton Ave. Asphalt Plant DEC ID 2-6102-00076/00004

Dear Mr. Lieblich:

Enclosed please find the annual capping certification as required under Item 2.7 of the Air State Facility Permit for the Hamilton Avenue Asphalt Plant. This is the second annual report submitted for this permit.

Also, please find attached a letter concerning the plant's production cap excess while staying well below emission limits for the reporting period.

Please let me know if you require any further information. If needed, please feel free to contact me at the above number or address.

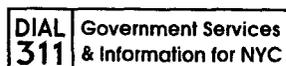
Thank you for your consideration.

Sincerely,

Galileo Orlando
Roadway Repair and Maintenance Division
NYC Department of Transportation

cc: Robert Bolt, DEC
Kendari Reddy, NYC DOT
Anthony Bordenca, NYC DOT

ATTACHMENT



CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS

Report Type: Annual Reporting Period: 1/1/06 To 12/31/06

DECID: 2610200076

Facility Name: NYC Dept. of Transportation Hamilton Ave. Asphalt Plant

Address: 448 Hamilton Ave. & 14th Street
Brooklyn, New York 11232

FACILITY CONTACT:

Name: Anthony Bordenca

Title: Director, Asphalt Operations

Telephone/Facsimile Number: (718) 369-4246 / (718) 369-4211

RESPONSIBLE OFFICIAL:

Name: Galileo Orlando

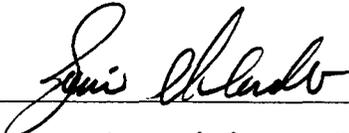
Title: Assistant Commissioner-Roadway Repair & Maintenance

Address: 59 Maiden Lane
37th Fl.
New York, NY 10038

Telephone/Facsimile Number: (718) 487-8430 / (718) 487-8446

The Responsible Official must sign this statement after the applicable report form is completed.

I certify, under penalty of law, that based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Signature of Responsible Official: 
Date: 1-29-07

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Air Resources

ANNUAL CAPPING CERTIFICATION
FOR FACILITIES ISSUED FEDERALLY ENFORCEABLE EMISSION CAPS
SUBJECT TO 6 NYCRR PART 201-7

FACILITY NAME: NYC DOT Hamilton Ave. Asphalt Plant REPORTING PERIOD: 1/1/06 to 12/31/06

FACILITY DECID#: 2610200076 REGULATION CAPPED: 6NYCRR201-7

CONTAMINANT: Oxides of Nitrogen CAS#: ONY210-00-0

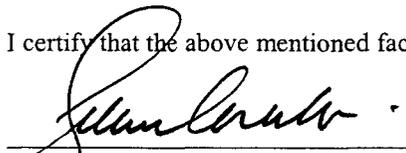
CAPPING PARAMETER/LIMIT: Asphalt Tons produced / 525,000 Tons: Annually, Rolled monthly

PERMIT LEVEL: Facility

METHOD USED TO DETERMINE EMISSIONS: Capping

MONTH/YEAR	MONTHLY TOTAL	12 MONTH ROLLING TOTAL
JANUARY 2006	7,959	388,345
FEBRUARY 2006	8,449	393,092
MARCH 2006	34,578	397,384
APRIL 2006	61,789	412,917
MAY 2006	70,965	421,888
JUNE 2006	45,140	443,313
JULY 2006	49,828	486,481
AUGUST 2006	76,638	486,540
SEPTEMBER 2006	43,564	509,893
OCTOBER 2006	61,456	502,532
NOVEMBER 2006	61,187	510,549
DECEMBER 2006	20,106	541,123

I certify that the above mentioned facility was in compliance with the permitted limit on a twelve month rolling basis.


Signature of Responsible Official

01-29-07
Date

January 24, 2007

VIA FACSIMILE AND EXPRESS MAIL

John Cryan
Regional Permit Administrator
New York State Department of Environmental Conservation – Region 2
47-40 21st Street
One Hunters Point Plaza
Long Island City, NY 11101

RE: NYC DOT – Hamilton Avenue Asphalt Plant, Brooklyn, NY
Air State Facility Permit DEC ID 2-6102-00076/00004

Dear Mr. Cryan:

According to the terms of the above-referenced permit, the New York City Department of Transportation (“DOT”) has to maintain a monthly record of the quantity of hot mix asphalt produced at the Hamilton Avenue facility (“Facility”) for annual reporting purposes. In December 2006, after reviewing the Facility’s monthly asphalt production for November 2006, DOT realized that it exceeded the asphalt production per year defined in the permit. The permit defines the maximum production capacity of asphalt at 525,000 tons per year in order to ensure compliance with oxides of nitrogen (“NOx”) emissions capped at 22.5 tons per year. DOT produced 541,123 tons of asphalt at the Facility between December 2005 and November 30, 2006. The results of stack testing from August 2006 reported in the Hamilton Avenue Asphalt Plant Particulate Matter and Opacity Emission Evaluation dated September 19, 2006 reveal that the average NOx emissions from the Facility were 0.0183 and 0.0177 pounds per ton of asphalt 100 % Virgin and 40% RAP, respectively (copy enclosed). DOT’s actual production of asphalt would have resulted in approximately 4.95 tons of NOx emissions annually, well below the 22.5 ton limit.

There were extenuating circumstances that led to the exceedance of the yearly asphalt production including a three week strike by private asphalt producers in July which resulted in DOT having to produce more asphalt at the Facility while still falling short of its lane paving targets. In August 2006, DOT produced more asphalt than normal in order to perform the stack test. In October and November 2006, DOT again produced more asphalt than usual in order to make up for the shortfall in lane paving that resulted from the asphalt strike.

DOT respectfully contends that the increase in asphalt production is a change that meets the operational flexibility criteria for state facility permits found in 6 NYCRR 201-5.4(b). The increase in asphalt production did not cause emissions to exceed emissions limits contained in the permit or applicable New York State or federal emissions caps, nor did it cause the Facility to become subject to any additional requirements under Title 6.

Notwithstanding the foregoing if the NYSDEC desires for reasons of administrative convenience that DOT formally make application for modification of the permit, DOT hereby requests that the NYSDEC modify the air permit for the Facility to increase the maximum production capacity of asphalt to 750,000 tons, while maintaining the other existing permit terms and conditions including NOx emissions. Pursuant to 6 NYCRR 621.6(b), DOT believes that this minor change would not require public notice and comment.

Please note that DOT will submit its annual compliance report for the Facility by January 30, 2007 and will include this letter as part of its submission as requested by the NYS DEC Air Resources Division. We are available to meet at your convenience if you would like to discuss any of the issues contained herein. Please do not hesitate to contact me at (212) 442-7721. On behalf of DOT, I thank you for your consideration of this matter.

Sincerely,

Original signed by

Kedari Reddy
Director, Office of Environmental Compliance Assessment

cc: Sam Leiblich, NYSDEC
Robert Bolt, NYSDEC

Galileo Orlando, DOT
Anthony Bordenca, DOT

AVOGADRO Environmental Corporation

Clean Air and Water, for Today and Tomorrow

Attn: Anthony
New York City DOT
448 Hamilton Avenue
Brooklyn, NY 11232

March 24, 2006

**Subject: Compliance Emissions Test Protocol Revised Page 4; Asphalt Plant Outlet Stack
New York City Department of Transportation; Hamilton Avenue Asphalt
Brooklyn, New York
Avogadro Environmental Corporation Project No. 06-3064**

Dear Anthony:

Enclosed please find one copy of the revised Page 4 of the compliance emissions test protocol for the above-referenced facility.

Please note that we have submitted copies of the revised page to Mr. Sam Lieblich of the New York Department of Environmental Conservation and to Mr. Terry Osweiler of Osweiler Bros. Equipment.

If you have any questions, feel free to contact me. We look forward to completing this project for you in a timely and efficient manner.

Sincerely,



Laurie A. Snyder
Air Quality Scientist
d:\on serverX\2006 projects\Osweiler compliance 3064\revised page

AVOGADRO Environmental Corporation

Clean Air and Water, for Today and Tomorrow

Attn: Anthony
New York City DOT
448 Hamilton Avenue
Brooklyn, NY 11232

March 24, 2006

**Subject: Compliance Emissions Test Protocol Revised Page 4; Asphalt Plant Outlet Stack
New York City Department of Transportation; Hamilton Avenue Asphalt
Brooklyn, New York
Avogadro Environmental Corporation Project No. 06-3064**

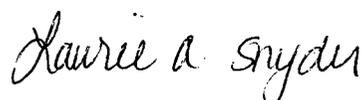
Dear Anthony:

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Please note that we have submitted copies of the revised page to Mr. Sam Lieblich of the New York Department of Environmental Conservation and to Mr. Terry Osweiler of Osweiler Bros. Equipment.

If you have any questions, feel free to contact me. We look forward to completing this project for you in a timely and efficient manner.

Sincerely,



Laurie A. Snyder
Air Quality Scientist
d:\on serverX\2006 projects\Osweiler compliance 3064\revised page

AVOGADRO Environmental Corporation

Clean Air and Water, for Today and Tomorrow

Attn: Anthony
New York City DOT
448 Hamilton Avenue
Brooklyn, NY 11232

March 21, 2006

**Subject: Compliance Emissions Test Protocol; Asphalt Plant Outlet Stack
New York City Department of Transportation; Hamilton Avenue Asphalt
Brooklyn, New York
Avogadro Environmental Corporation Project No. 06-3064**

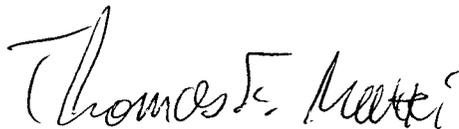
Dear Anthony:

Enclosed please find one copy of the compliance emissions test protocol for the above-referenced facility.

Please note that we have submitted two copies of the protocol to Mr. Sam Lieblich of the New York Department of Environmental Conservation. We have also submitted a copy to Mr. Terry Osweiler of Osweiler Bros. Equipment.

If you have any questions, feel free to contact me. We look forward to completing this project for you in a timely and efficient manner.

Sincerely,



Thomas F. Mattei
Operations Manager

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AVOGADRO Environmental Corporation

Clean Air and Water, for Today and Tomorrow

**COMPLIANCE EMISSIONS TEST PROTOCOL
FOR
EVALUATION OF THE ASPHALT PLANT OUTLET STACK**

**NEW YORK CITY DEPARTMENT OF TRANSPORTATION
HAMILTON AVENUE ASPHALT PLANT
BROOKLYN, NEW YORK**

Prepared for:

OSWEILER BROS. EQUIPMENT INC.

19 Adams Street, P.O. Box 524

Highland Mills, NY 10930

Attn: Mr. Terry Osweiler

Facility:

**NEW YORK CITY DEPARTMENT OF TRANSPORTATION
HAMILTON AVENUE ASPHALT PLANT**

448 Hamilton Avenue

Brooklyn, NY 11232

Submitted to:

STATE OF NEW YORK

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DEC Region 2 Office

47-40 21st Street

Long Island City, New York 11101-5407

Attn: Mr. Sam Lieblich

Prepared by:

AVOGADRO ENVIRONMENTAL CORPORATION

1350 Sullivan Trail, Suite A

Easton, PA 18040

Attn: Mr. Thomas Mattei

Avogadro Environmental Corporation Project No. 06-3064

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ATTACHMENTS

ATTACHMENT 1	PROCESS SCHEMATIC
ATTACHMENT 2	SCHEMATIC OF SAMPLE LOCATION
ATTACHMENT 3	AVOGADRO FIELD DATA SHEETS

1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

A compliance emissions test program will be performed at the **New York City Department of Transportation; Hamilton Avenue Asphalt Plant** in Brooklyn, New York. The facility operates a Gencor Ultraplant burner, counter flow dryer with baghouse. The purpose of the testing is to demonstrate compliance with the particulate matter and opacity emissions limits set forth in the facility's operating permit.

Oswailer Bros. Equipment Inc. (Oswailer) retained **Avogadro Environmental Corporation (Avogadro)** to prepare this test protocol and to conduct the compliance evaluation. Tests will be conducted while the process is operating at maximum permit conditions (+5%). Tests will be conducted at two process operating conditions, virgin asphalt mix and recycled asphalt mix.

1.2 FACILITY INFORMATION

**NEW YORK CITY DEPARTMENT OF TRANSPORTATION
HAMILTON AVENUE ASPHALT PLANT**
448 Hamilton Avenue
Brooklyn, NY 11232

1.3 CONSULTANT INFORMATION

OSWEILER BROS. EQUIPMENT INC.

19 Adams Street

P.O. Box 524

Highland Mills, NY 10930

Attn: Mr. Terry Oswailer

Telephone: 845-928-2710

Fax: 845-928-7966

1.4 TESTING FIRM INFORMATION

AVOGADRO ENVIRONMENTAL CORPORATION

1350 Sullivan Trail, Suite A

Easton, PA 18040

Attn: Mr. Thomas Mattei

Telephone: 610-559-8776

Fax: 610-559-8913

2.0 PROCESS DESCRIPTION

The purpose of the process is to produce hot mix bituminous paving materials. Attachment 1 contains a diagram of the process flow.

Aggregate flow:

The cold, wet aggregates flow from the cold feed bins in a proportioned control over a scale conveyor and into the Ultradrum (bubble #1). The materials continue through the drum being dried and passing beyond the burner barrier wall which is located 14 feet from the discharge end of the drum.

After passing the barrier wall, the aggregates are mixed with the dust returned from the primary inertial collector and from the baghouse and can be mixed with recycled bituminous pavement that would also enter the drum (bubble #6). These materials are mixed in the mixing zone along with the liquid bitumen which enters the drum near the discharge end of the drum (bubble #11). This mixing of the dried aggregates and liquid bitumen produce the final product, "hot mix bituminous asphalt", that is removed at the discharge breeching of the drum (bubble #10).

Combustion and Dust Collection System:

The burner is mounted on the discharge end of the Ultradrum and extends 14 feet inside of the drum, just beyond the barrier wall. The combustion of the fuel (bubble #2) and the combustion air (bubble #3) occurs just beyond the barrier wall and the exhaust gases move counter-current to the flow of the aggregates and in the process, heats and dries the aggregates. The flue gases and steam created in the drying process as well as any dust picked up in the dryer by these gases are carried out through the exhaust flue (bubble #4). The gases then enter the primary collector. This is where the coarse dust particles are collected and then returned to the Ultradrum (bubble #6). The gases are ducted over to the baghouse where the gases are filtered through the filter bags. The gases then proceed to the exhaust fan (bubble #7) and are discharged out the stack (bubble #9). The dust that is collected in the baghouse (bubble #8) is also returned to the Ultradrum (bubble #6).

3.0 SAMPLING LOCATION

Sample locations will be verified in the field to conform to USEPA Method 1. The absence of cyclonic flow will be confirmed prior to testing using USEPA Reference Method 1, Section 2.4. Attachment 2 presents a schematic of the sampling location outlet stack.

The oxidizer outlet stack has an inside diameter of 53.25 inches. Two coplanar, perpendicular sample ports are located approximately 108 inches (USEPA "B" = 2.0 duct diameters) downstream and greater than 27 inches (USEPA "A" >0.5 duct diameters) upstream of the nearest flow disturbances. In accordance with USEPA Method 1, sixteen traverse points (eight per port) will be conducted for velocity traverses.

4.0 TEST PROGRAM AND METHODS

4.1 TEST PROGRAM SUMMARY

The compliance test program will be performed for the parameters/methods as specified in Table 1. Triplicate test runs, 60 minutes in duration, will be conducted on the outlet of the baghouse for both operating scenarios, totaling 6 test runs. The first operating scenario will be while producing 100% virgin asphalt, while the second scenario will be while producing 50% recycled asphalt.

All test methods proposed for this compliance program conform to Title 40, Code of Federal Regulations, Part 60, (40 CFR 60) Appendix A test procedures or those specified by the NYSDEC.

**TABLE 1
SUMMARY OF TEST METHODS**

PARAMETER	40 CFR 60, APPENDIX A TEST METHOD
Particulate Matter (PM)	USEPA Method 5, "Determination of Particulate Emission From Stationary Sources"
Gas Velocity/Volumetric Flow Rate	USEPA Method 1, 2, "Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)"
Oxygen (O ₂) & Carbon Dioxide (CO ₂)	USEPA Reference Method 3A, "Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources" (Instrumental Analyzer Procedure)
Moisture	USEPA Method 4, "Determination of Moisture Content in Stack Gases"
Opacity	USEPA Method 9, "Visual determination of the opacity of emissions from stationary sources"

4.2 PARTICULATE MATTER MEASUREMENT

SUMMARY: Particulate matter (PM) emissions will be measured isokinetically in accordance with USEPA Method 5. The particulate is withdrawn and collected on a glass fiber filter and determined gravimetrically. The remaining particulate matter is determined through a gravimetric analysis of the probe and nozzle rinse. Both fractions are combined to quantify one PM value.

The main components of the sample train are the stainless steel nozzle, the probe sheath and probe liner, the heated filter holder box, the filter holder itself, the type S pitot tube, the moisture or impinger train, the differential pressure gauge, and the metering system (vacuum gauge, leak-free vacuum pump and thermometers). The nozzle is connected to the probe sheath via a gas-tight connection to the inner (sampling) probe liner.

PREPARATION OF COLLECTION TRAIN: The entire sampling train is washed with detergent, rinsed with tap water, and rinsed with deionized, distilled water prior to use.

LEAK-CHECK PROCEDURES: A leak-check will be performed prior to and after each test by creating a vacuum in the sample train equal to or greater than the highest sample vacuum obtained during the test. A leakage rate found to be no greater than 0.02 cubic feet per minute is acceptable. If a higher leakage rate is obtained, the tester shall at the discretion of the regulatory personnel, either record the leakage rate and correct the sample volume, or void the test run.

SAMPLE VOLUMES AND DETECTION LIMITS: With an analytical detection limit of 0.0002 grams, a sample volume of approximately 30 cubic feet, about 50,000 cfm flowrate, the lowest concentration of particulate that can be quantified is 0.04 pounds per hour (lb/hr).

SAMPLE TRAIN OPERATION: A single train traversing the affected stack cross sectional area shall be used for the entire test. The sampling system will consist of a sized tapered edge nozzle constructed of stainless steel. The nozzle is connected to a stainless steel support tube via a gas-tight connection to a stainless steel inner sampling probe. The gas stream will enter a four inch diameter glass fiber filter supported by a quartz glass frit. The gas stream temperature will be 250° F (\pm 25° F).

The filter is connected to the impinger train consisting of four Greenburg-Smith impingers immersed in an ice bath and connected in series with glass crossovers. The first and second impingers will each contain approximately 100 milliliters (ml) of distilled water. The third impinger will be empty, and the fourth impinger will contain approximately 200 grams of silica gel. The last impinger is connected to a positive displacement pump and a calibrated dry gas meter.

During testing, a sample rate is maintained such that it is within 10 percent of the true isokinetic. First, the manometer is leveled and zeroed. The PM sample train is assembled and leak checked. The initial dry gas meter volume is recorded, and the sampling train is placed at the first sampling point in the stack. At this point, the stack gas velocity, the stack temperature and initial gas meter volume are all recorded in order to establish the proper sample rate.

At each subsequent traverse point in the stack, the following data are recorded:

- the temperature of the stack gas;
- the meter system temperatures;
- the probe and filter holder temperatures;
- the exit impinger temperature;
- the sampling rate

This procedure is repeated until the end of the test run.

SAMPLE RECOVERY: Sample recovery will occur onsite in the mobile CEM lab or in an adequately clean environment. The probe, nozzle, liner, and the front half of the filter will be washed and brushed with acetone into one container until the rinse shows no visible particles.

The filter is placed into a petri dish and sealed to prevent sample loss. The impingers will be disassembled and wiped free of any water or ice, and the volume is weighed to the nearest gram.

A sample blank of acetone, equivalent to that used for the probe and nozzle rinse for each run, will be collected and submitted for analysis. Samples will be assigned a label and will be transported from the test site to Avogadro's lab for subsequent analysis.

ANALYTICAL PROCEDURES: The front-half (probe and nozzle) acetone rinses are evaporated to dryness and desiccated to a constant weight. The filters are desiccated to constant weight for quantifying the weight gain.

4.3 STACK GAS VELOCITY AND VOLUMETRIC FLOW RATE

Summary: The volumetric gas flow rate will be determined in accordance with USEPA Methods 1 and 2. Simultaneously, USEPA Method 4 will be conducted to quantify moisture content of the stack gas.

Calibration: All type S-pitot tubes must meet the physical dimensions outlined in USEPA Method 2, section 6.1. All pitot tubes will be calibrated against a standard pitot tube using wind tunnel calibration to establish the specific pitot tube coefficient.

Detection Limits: The lower detection limit for the pitot tube/manometer measurement system is 0.01 inches of water.

Operating Range: The water manometer has a range up to 10 inches with 0.01 inch increments.

Principle of Operation: The total stack or duct pressure is a combination of the static and the velocity pressures. The velocity pressure is also referred to as the delta P which is equal to the total pressure minus the static pressure. When a type S-pitot tube is connected to a water manometer, the total pressure and the static pressure are measured to yield the velocity pressure. The volumetric gas flow in a stack or duct is equal to the area times the velocity.

4.4 OXYGEN / CARBON DIOXIDE MEASUREMENT

Summary: For each test run, oxygen (O₂) and carbon dioxide (CO₂) concentrations from the outlet stack will be determined in accordance with USEPA Method 3. The Tedlar gas bag samples will subsequently be analyzed via USEPA Method 3A or using an Orsat. Carbon dioxide will be measured using a NDIR carbon dioxide analyzer, and oxygen will be measured using an electrochemical oxygen analyzer.

Sample System Operation: For each test run, a representative stack gas sample will be extracted through a stainless steel probe, a Teflon line, a moisture condensation system and a pump and collected into a leak checked Tedlar bag for remote analysis via USEPA Method 3A. The sample collection system will be leak checked using a primary soap film cylinder at a vacuum greater than what will be used during sampling. Using the same soap film cylinder, the flow rate from the pump will be set for a constant, integrated sample. Prior to sample collection, the sample system will be purged for at least five minutes.

Instrument Calibration: Instruments will be calibrated with known concentrations of CO₂ and O₂ in nitrogen. EPA Protocol gas will be used. Each instrument will pass an analyzer calibration error test. Nitrogen or equivalent will be used as a zero gas, and two additional concentrations corresponding to a mid-level gas (50 - 60% of span) and a high level gas (80 - 90 % of span) will also be used to calibrate each instrument. Each instrument is post-calibrated with nitrogen for zero gas and one additional concentration to establish that there is no excessive drift or any malfunction during analysis.

Sample Volumes and Detection Limits: For each test, each analyzer will draw approximately 1 liter of sample per minute. The analyzer detection limit for CO₂ and O₂ is 0.1 percent.

Operating Range: Carbon dioxide will be measured using a NDIR carbon dioxide analyzer, and oxygen will be measured using an electrochemical or paramagnetic oxygen analyzer. The carbon dioxide analyzer will be operated on a 0 to 20 percent by volume range, and the oxygen analyzer will be operated on a 0 to 25 percent by volume range.

4.5 OPACITY MEASUREMENT

SUMMARY: The opacity of the outlet stack will be determined in accordance with USEPA Method 9, "Visual Determination of the Opacity of Emissions from Stationary Sources." An observer who has completed the certification requirements of Section 3.0 of the method will read opacity. A copy of the observer's certification will be included in the final report.

The observer will position himself/herself at a distance that provides a clear view of the outlet of each stack, oriented so that the sun is located within the 140 degree sector to the observer's back.

Opacity determinations are made by recording the opaqueness in the plume every 15 seconds for one hour. If water vapor is present in the plume, the observer will make opacity observations at a location where water vapor is not present in the plume. The opacity will be recorded on appropriate data forms in percentages.

5.0 QUALITY ASSURANCE /QUALITY CONTROL INFORMATION

All sampling equipment and instrumentation are calibrated per the applicable test method. The data for any pretest calibration required for applicable equipment will be made available onsite to any regulatory representatives of the NYSDEC. Copies of the pre-calibration and post-calibration data will be included in the final report.

- **Pitot Tubes:** Pitot tubes will be calibrated in accordance with USEPA Reference Method 2. All new S-type pitot tubes or those meeting the dimensions of USEPA Method 2, section 6.1, are assigned a baseline coefficient of 0.84, per section 10.1 of this method. All other S-type pitot tubes are calibrated in a wind tunnel to establish the specific coefficient.
- **Dry Gas Meters:** Dry gas meters are calibrated in accordance with USEPA Reference Method 5, Section 5.3.
- **Nozzles:** Calibration data for each nozzle used will be included in the final report.
- **Thermocouples:** Stack temperature thermocouple calibration will be checked after each field use in accordance EPA Alternative Method 2 (ALT-011) by comparing the thermocouple to an ASTM mercury-in-glass thermometer at a single, convenient temperature. The thermocouple reading must agree within $\pm 2^{\circ}$ F of the thermometer reading. Stack temperature thermocouple measurement system continuity will be checked in the field prior to sampling in accordance with ALT-011 by observing that the temperature reading changes as expected upon insertion or withdrawal of the thermocouple from the stack.
- **Cyclonic Flow Check:** A cyclonic flow check will be performed on the outlet of the baghouse prior to the compliance program.

6.0 REPORTING

6.1 REPORTING OF RESULTS

Carbon dioxide and oxygen will be reported as percent by volume. The particulate matter emissions will be reported in units of grains per dry standard cubic foot (grains/dscf) and pounds per hour (lb/hr). Stack volumetric flow rate data will be presented in terms of actual and standard cubic feet per minute as well as dry standard cubic feet per minute. Opacity will be presented as percentages.

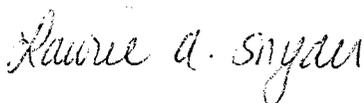
6.2 INFORMATION INCLUDED IN THE FINAL TEST REPORT

The final compliance test report will be comprehensive and will include all of the support data to independently calculate the test results. Other than the title and certification pages, the main components of the report will be as follows:

1. An introduction, which includes an overview, a summary of purpose and scope, a summary of test dates and times as well as testing location and methods;
2. A summary of results;
3. Source (process) and/or control descriptions;
4. Sampling and analysis procedures;
5. Appendices.

The appendices may include but are not limited to the raw field data, notes, process/production data, laboratory reports and chains of custody, calibration certificates, results summaries, calculations and spreadsheets, quality assurance data, diagrams, cyclonic flow data, a copy of the approved protocol, and related correspondence.

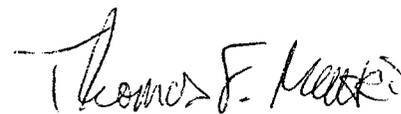
Submitted by:



Laurie A. Snyder
Air Quality Scientist

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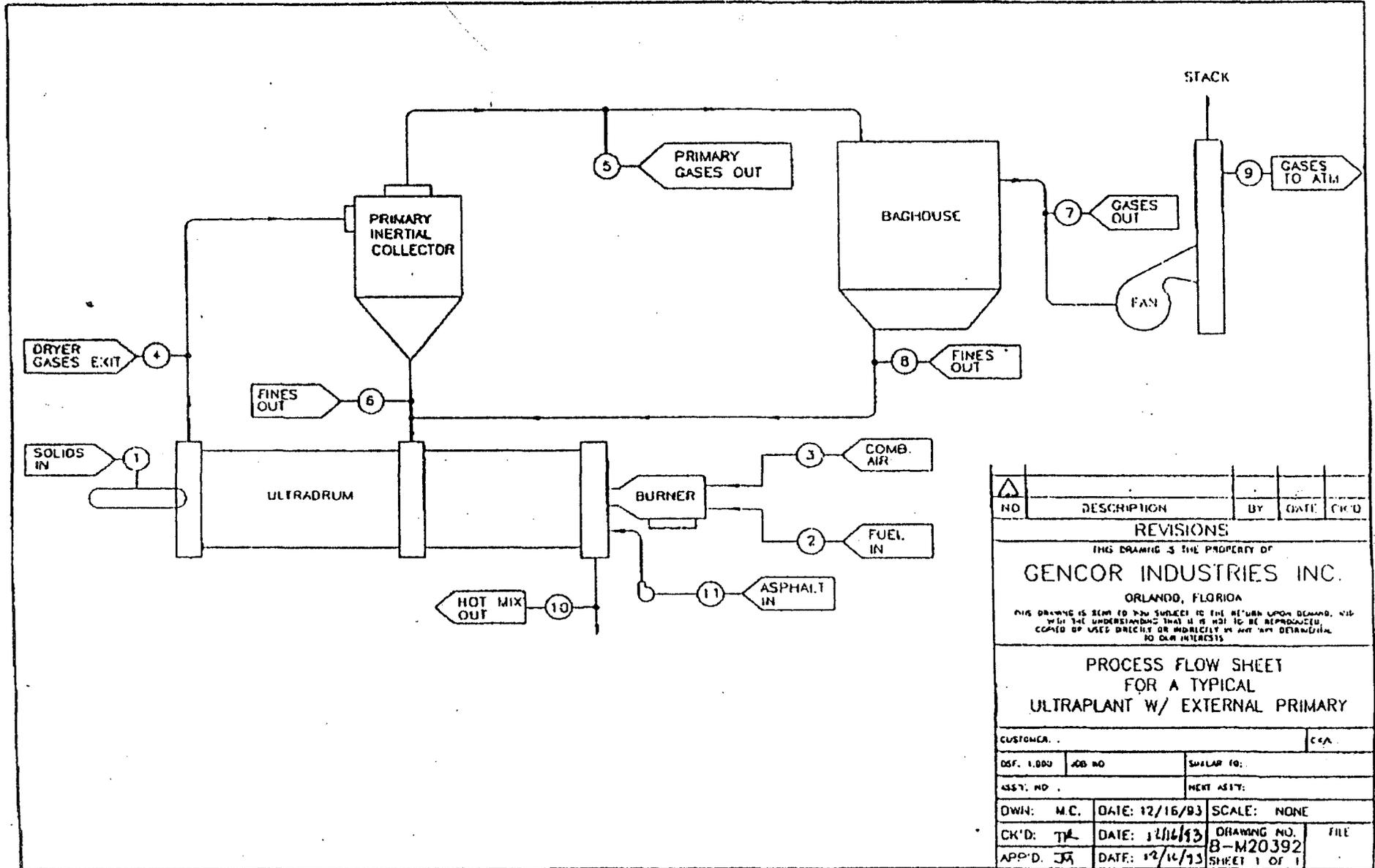
Reviewed by:



Thomas F. Mattei
Operations Manager

ATTACHMENT 1

PROCESS SCHEMATIC



NO	DESCRIPTION	BY	DATE	CHK'D
REVISIONS				
THIS DRAWING IS THE PROPERTY OF GENCOR INDUSTRIES INC. ORLANDO, FLORIDA				
<small>THIS DRAWING IS LOANED TO YOU SUBJECT TO THE RETURN UPON DEMAND. YOU WILL BE RESPONSIBLE FOR THE PROTECTION OF THIS DRAWING. ANY REPRODUCTION OR DISSEMINATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF GENCOR INDUSTRIES IS STRICTLY PROHIBITED.</small>				
PROCESS FLOW SHEET FOR A TYPICAL ULTRAPLANT W/ EXTERNAL PRIMARY				
CUSTOMER:				CCA:
DSF. 1,000	JOB NO.	SHEAF ID:		
ASST. NO.	NEXT ASST:			
DWN: M.C.	DATE: 12/16/93	SCALE: NONE		
CHK'D: JH	DATE: 1/16/94	DRAWING NO. B-M20392	FILE	
APP'D: JH	DATE: 12/16/93	SHEET 1 OF 1		

TOTAL P.05

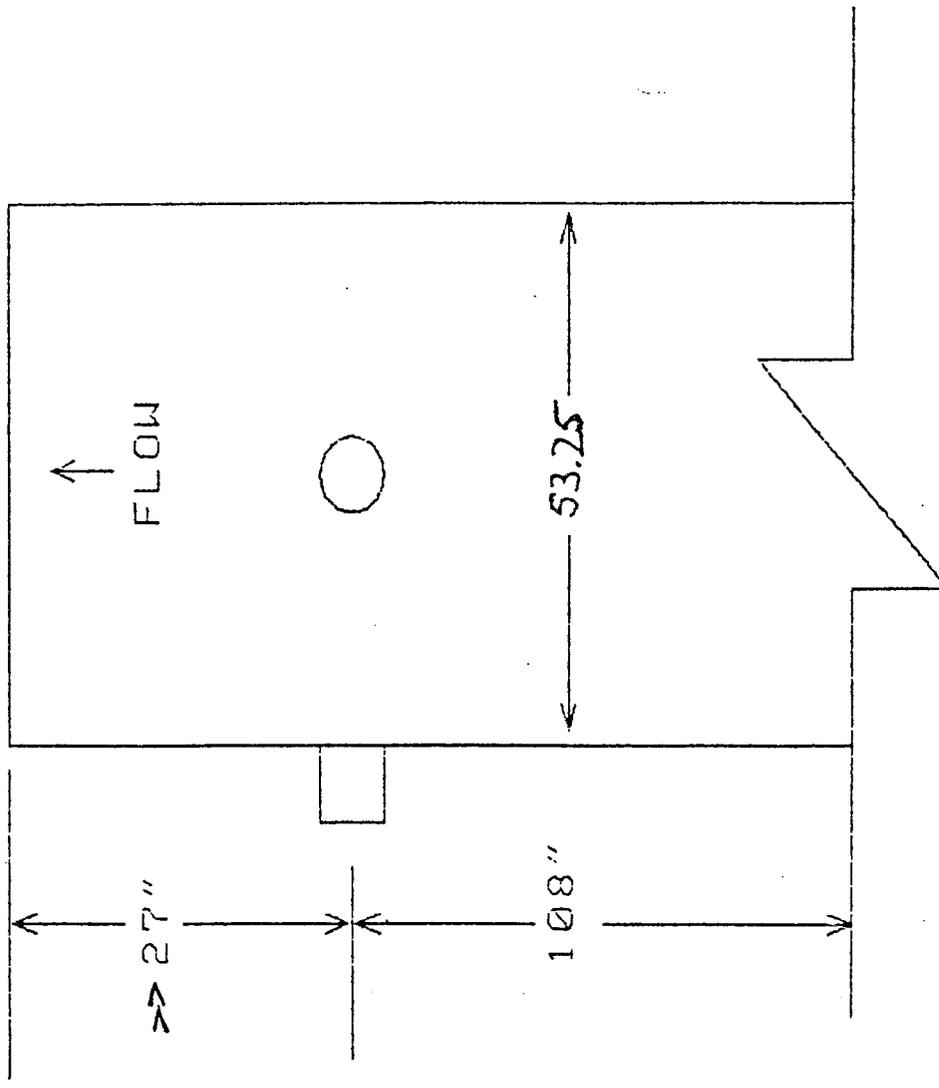
043

ATTACHMENT 2

SCHEMATIC OF SAMPLE LOCATION

NYC DEPARTMENT OF TRANSPORTATION
HAMILTON AVENUE ASPHALT PLANT

TO ATMOSPHERE



FROM PROCESS

ATTACHMENT 3

AVOGADRO FIELD DATA SHEETS

Visible Emissions Evaluation

Facility Name _____

AVOGADRO Project No. _____

Location (city, state) _____

Type of Facility _____

Control Equipment / Emission Source _____

Date of Observation _____

Start Time _____

Stop Time _____

Distance from observer (ft) _____

Direction from observer _____

Stack height (fr. observer's elev.) (ft) _____

Stack Diameter (in) _____

Sun angle fr. observer (degrees) _____

Description of plume:

continuous? fugitive? intermittent? _____

color _____

water drops present? (Y/N) _____

attached steam plume? (Y/N) _____

detached steam plume? (Y/N) _____

secondary plume? (Y/N) _____

point where opacity read target? _____

describe background to plume _____

unique features of plume or stack _____

Weather:

ambient temperature (F) _____

relative humidity _____

wind direction _____

wind speed _____

barometric pressure _____

rain? fog? snow? haze? _____

Glasses worn:

corrective? (Y/N) _____

sunglasses? (Y/N) _____

Observer's name _____

Observer certification date _____

Certifying agency _____

Observer affiliation _____

Run Number and Description _____

sec	0	15	30	45	sec	0	15	30	45
min					min				
1					31				
2					32				
3					33				
4					34				
5					35				
6					36				
7					37				
8					38				
9					39				
10					40				
11					41				
12					42				
13					43				
14					44				
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16					46				
17					47				
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19					49				
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21					51				
22					52				
23					53				
24					54				
25					55				
26					56				
27					57				
28					58				
29					59				
30					60				

Range of opacity readings:
 low _____ high _____

Number of readings above _____ % were _____

 Observer's Signature

AVOGADRO ENVIRONMENTAL CORPORATION, Easton Pa

New York State Department of Environmental Conservation

Division of Environmental Permits, Region 2

47-40 21ST Street, Long Island City, NY 11101-5407

Phone: (718) 482-4997 • FAX: (718) 482-4975

Website: www.dec.state.ny.us



Denise M. Sheehan
Acting
Commissioner

October 5, 2005

Galileo Orlando
Executive Director
NYC Department of Transportation
59 Maiden Lane, 37th Floor
New York, NY 10038

Dear Mr. Orlando:

**Re: Air State Facility Permit DEC ID 2-6102-00076/00004
NYC DOT - Hamilton Avenue Asphalt Plant, Brooklyn, NY**

Enclosed is your Air State Facility permit renewal 1 referenced above. Please read it carefully; you must comply with all conditions.

If you have any questions regarding the permit, please contact me at (718)482-4079 or Eugene Galper in the NYSDEC Division of Air Resources at (718)482-4944.

Sincerely,

Elizabeth A. Clarke
Environmental Analyst

cc: S. Lieblich, E. Galper - DAR
L. Oliva, G. Hintz - Legal, w/o encl
K. Brezner - Solid Waste, w/o encl
S. Riva - USEPA Region 2, w/o encl
H. Belovin, T. Siano - NYCDOT, w/o encl

New York State Department of Environmental Conservation
Facility DEC ID: 2610200076



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 2-6102-00076/00004
Effective Date: 09/29/2005 Expiration Date: No expiration date

Permit Issued To: NYC DEPT OF TRANSPORTATION
40 WORTH ST
11TH FLOOR
NEW YORK, NY 10003

Contact: GALILEO ORLANDO
NYC DEPARTMENT OF TRANSPORTATION
59 MAIDEN LN 37TH FL
NEW YORK, NY 10038
(212) 487-8430

Facility: NYC DOT-HAMILTON AVE ASPHALT PLANT
448 HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232

Description:
The NYC DOT Hamilton Ave Asphalt Plant is a manufacturer of asphalt. The facility is located at 448 Hamilton Ave., Brooklyn, New York.

The facility produces hot mix asphalt. The applicant proposes to cap NOx (oxides of nitrogen) emissions at or below 22.5 tons per year by limiting asphalt production to a total of 525,000 tons per year during any consecutive 12-month period. The applicant is required to conduct a stack test to ensure compliance with opacity standard and particulates standard.

Records demonstrating compliance with this cap will be kept in accordance with the permit special conditions.

The facility is subject to the provisions of State Facility specified under 6NYCRR Part 201-7.2.

The Air State Facility Permit contains a listing of the applicable federal, state, and compliance monitoring requirements for the facility.

Renewal 1/FINAL



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

Renewal 1/FINAL



PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 2 Facility Inspection by the Department
- 2 Relationship of this Permit to Other Department Orders and Determinations
- 2 Applications for Permit Renewals and Modifications
- 3 Permit Modifications, Suspensions and Revocations by the Department

Facility Level

- 3 Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

New York State Department of Environmental Conservation
Permit ID: 2-6102-00076/00004 Facility DEC ID: 2610200076



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYC DEPT OF TRANSPORTATION
40 WORTH ST
11TH FLOOR
NEW YORK, NY 10003

Facility: NYC DOT-HAMILTON AVE ASPHALT PLANT
448 HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232

Authorized Activity By Standard Industrial Classification Code:
2951 - PAVING MIXTURES AND BLOCKS

Permit Effective Date: 09/29/2005

Permit Expiration Date: No expiration date.



PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 6 1 6NYCRR 201-7: Facility Permissible Emissions
- 7 *2 6NYCRR 201-7: Capping Monitoring Condition
- 8 *3 6NYCRR 201-7: Capping Monitoring Condition
- 9 4 6NYCRR 202-1.3: Acceptable procedures
- 10 5 6NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 10 6 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 10 7 6NYCRR 225-1.8: Compliance Demonstration
- 11 8 6NYCRR 227-1.3(a): Compliance Demonstration
- 12 9 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 12 10 40CFR 60.8(d), NSPS Subpart A: Prior notice.

Emission Unit Level

EU=0-02112

- 12 11 6NYCRR 212.3(a): Emissions from Existing Sources
- 12 12 6NYCRR 212.3(b): Existing sources - 212.3(b) particulate matter standard.
- 13 13 6NYCRR 212.6(a): Compliance Demonstration
- 14 14 40CFR 60.92, NSPS Subpart I: Compliance Demonstration
- 14 15 40CFR 60.92, NSPS Subpart I: Compliance Demonstration
- 15 16 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 17 17 ECL 19-0301: Contaminant List
- 18 18 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 19 19 6NYCRR 201-5: Emission Unit Definition
- 19 20 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 20 21 6NYCRR 201-5: Emission Point Definition By Emission Unit.
- 20 22 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.



Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7



Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures



are specified in 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Item L: Open Fires - 6 NYCRR Part 215
No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item M: Permit Exclusion - ECL 19-0305
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item N: Federally Enforceable Requirements - 40 CFR 70.6(b)
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Facility Permissible Emissions



Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY210-00-0 PTE: 45,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 2: Capping Monitoring Condition

Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 2.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6

Item 2.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 2.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 2.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2.6:



The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 2.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:
The NOx (oxides of nitrogen) emissions are capped at 22.5 tons per year.

Maximum asphalt production capacity is limited to 525,000 tons per year to ensure NOx emissions compliance. The owner or operator shall maintain a record of the quantity of hot mix asphalt produced at the facility.

Process Material: ASPHALT
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 22.5 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2006.
Subsequent reports are due every 12 calendar month(s).

Condition 3: Capping Monitoring Condition
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 3.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6

Item 3.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of



five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE
Monitoring Description:
Maximum asphalt production capacity is limited to 525,000 tons per year to ensure NOx emissions are below 22.5 tons per year.

The owner or operator shall maintain a record of the quantity of hot mix asphalt produced at the facility.

Process Material: ASPHALT
Parameter Monitored: ASPHALT
Upper Permit Limit: 525,000 tons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2006.
Subsequent reports are due every 12 calendar month(s).

Condition 4: Acceptable procedures
Effective between the dates of 09/29/2005 and Permit Expiration Date



Applicable Federal Requirement: 6NYCRR 202-1.3

Item 4.1:

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 5: Acceptable procedures - Stack test report submittal
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.3

Item 5.1:

Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

Condition 6: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME
(INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 7: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.8



Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or fuel oil shall compile and retain records of the following information:

- a. fuel analyses and data on the quantities of all residual and distillate oil and coal received, burned or sold;
- b. the names of all purchasers of all residual and distillate oil and coal sold;
- c. any results of stack sampling, stack monitoring and other procedures used to ensure compliance with the provisions of 6 NYCRR Part 225-1.

Fuel analyses must contain, as a minimum, data on the sulfur content, specific gravity and heating value of any residual oil, distillate oil or coal received, burned or sold. Ash content shall also be included in the fuel analyses for any residual oil or coal received, burned or sold.

These records shall be retained for a minimum period of three years. If the facility is subject to Title V requirements the minimum record retention period shall be five years. The records shall be made available for inspection by department staff during normal business hours. In addition, copies of such records shall be furnished to department staff upon request. All required sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 8: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3(a)

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE



PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Performance test methods.
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A

Item 9.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 10: Prior notice.
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(d), NSPS Subpart A

Item 10.1:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

****** Emission Unit Level ******

Condition 11: Emissions from Existing Sources
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 11.1:

This Condition applies to Emission Unit: 0-02112

Item 11.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 12: Existing sources - 212.3(b) particulate matter standard.



Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 12.1:

This Condition applies to Emission Unit: 0-02112

Item 12.2:

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

Condition 13: Compliance Demonstration

Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-02112

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will



notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.92, NSPS Subpart I

Item 14.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 0-02112

Item 14.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:
Standard for opacity from a hot mix asphalt plant.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: method 9
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 15: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.92, NSPS Subpart I

Item 15.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 0-02112



Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 15.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Particulate emissions limitations for a hot mix asphalt plant.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.04 grains per dscf
Reference Test Method: method 5
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 16: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.92(a)(2), NSPS Subpart I

Item 16.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 0-02112

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 16.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:
No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

New York State Department of Environmental Conservation
Permit ID: 2-6102-00076/00004 Facility DEC ID: 2610200076



Renewal 1

Air Pollution Control Permit Conditions
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STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)
Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5
Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state only enforceable.

Condition 17: Contaminant List



Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 17.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit (emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0
Name: PARTICULATES

Condition 18: Unavoidable noncompliance and violations
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 18.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.



(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 19: Emission Unit Definition
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 19.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 0-02112

Emission Unit Description:

Stack exhaust combining flue from gas burner, dryer, primary collector operations as well as exhaust from cyclone separator

Building(s): DRUM AREA

Condition 20: Air pollution prohibited
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 20.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

****** Emission Unit Level ******



Condition 21: Emission Point Definition By Emission Unit
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 21.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-02112

Emission Point: 00008

Height (ft.): 88

Diameter (in.): 54

NYTMN (km.): 4502.7

NYTME (km.): 584.6

Building: DRUM AREA

Condition 22: Process Definition By Emission Unit
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 22.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-02112

Process: 003

Source Classification Code: 3-05-002-06

Process Description:

NATURAL GAS FIRED FOR THE DRYING, HEATING & MIXING OF
AGGREGATES AND ASPHALT CEMENT TO FORM HOT MIX ASPHALT
IN DRUM PLANT CONFIGURATION.

Emission Source/Control: 00008 - Process

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Condition	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
Condition	Regulated Contaminant	Units		Reporting Frequency
Condition	Process Material	Units		Monitoring Frequency
Condition	Process Material	Units		Averaging Method
NP	OXIDES OF NITROGEN OXIDES OF NITROGEN ASPHALT		22.5	MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR)
	THE NOX (OXIDES OF NITROGEN) EMISSIONS ARE CAPPED AT 22.5 TONS PER YEAR.			
	MAXIMUM ASPHALT PRODUCTION CAPACITY IS LIMITED TO 525,000 TONS PER YEAR TO ENSURE NOX EMISSIONS COMPLIANCE. THE OWNER OR OPERATOR SHALL MAINTAIN A RECORD OF THE QUANTITY OF HOT MIX ASPHALT PRODUCED AT THE FACILITY.			MONTHLY
				ANNUAL MAXIMUM ROLLED MONTHLY
NP	ASPHALT OXIDES OF NITROGEN ASPHALT		525,000	MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR)
	MAXIMUM ASPHALT PRODUCTION CAPACITY IS LIMITED TO 525,000 TONS PER YEAR TO ENSURE NOX EMISSIONS ARE BELOW 22.5 TONS PER YEAR.			
	THE OWNER OR OPERATOR SHALL MAINTAIN A RECORD OF THE QUANTITY OF HOT MIX ASPHALT PRODUCED AT THE FACILITY.			DAILY
				ANNUAL MAXIMUM ROLLED MONTHLY

**** No Data

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*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

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DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Condition	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
Condition	Regulated Contaminant	Units		Reporting Frequency
Condition	Process Material	Units		Monitoring Frequency
Condition	Process Material	Units		Averaging Method
	SULFUR CONTENT		0.2	WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
	****	percent by weight		
	DISTILLATES - NUMBER 1 AND NUMBER 2 OIL			UPON REQUEST BY REGULATORY AGENCY
	NO PERSON SHALL USE, PURCHASE, SELL, OR OFFER FOR SALE ANY DISTILLATE FUEL OIL WHICH HAS A SULFUR CONTENT GREATER THAN THE LIMIT PRESENTED BELOW. A LOG OF THE SULFUR CONTENT IN OIL PER DELIVERY MUST BE MAINTAINED ON SITE FOR A MINIMUM OF FIVE YEARS AFTER THE DATE OF THE LAST ENTRY.			PER DELIVERY
				MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR

**** No Data

A2

03082010 Gowanus DOT HAM PR

DOT_P_HAM_00000127

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Monitored Parameter

Regulated Contaminant

Condition

Medium

Process Material

Lower Limit

Upper Limit

Units

Activity Type

Reporting Frequency

Monitoring Frequency

Averaging Method

RECORD KEEPING/MAINTENANCE PROCEDURES

UPON REQUEST BY REGULATORY AGENCY

AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

AN OWNER OR OPERATOR OF A FACILITY WHICH PURCHASES AND FIRES COAL AND/OR FUEL OIL SHALL COMPILE AND RETAIN RECORDS OF THE FOLLOWING INFORMATION:

- A. FUEL ANALYSES AND DATA ON THE QUANTITIES OF ALL RESIDUAL AND DISTILLATE OIL AND COAL RECEIVED, BURNED OR SOLD;
- B. THE NAMES OF ALL PURCHASERS OF ALL RESIDUAL AND DISTILLATE OIL AND COAL SOLD;
- C. ANY RESULTS OF STACK SAMPLING, STACK MONITORING AND OTHER PROCEDURES USED TO ENSURE COMPLIANCE WITH THE PROVISIONS OF 6 NYCRR PART 225-1.

FUEL ANALYSES MUST CONTAIN, AS A MINIMUM, DATA ON THE SULFUR CONTENT, SPECIFIC GRAVITY AND HEATING VALUE OF ANY RESIDUAL OIL, DISTILLATE OIL OR COAL RECEIVED, BURNED OR SOLD. ASH CONTENT SHALL ALSO BE INCLUDED IN THE FUEL ANALYSES FOR ANY RESIDUAL OIL OR COAL RECEIVED, BURNED OR SOLD.

THESE RECORDS SHALL BE RETAINED FOR A MINIMUM PERIOD OF THREE YEARS. IF THE FACILITY IS SUBJECT TO TITLE V REQUIREMENTS THE MINIMUM RECORD RETENTION PERIOD SHALL BE FIVE YEARS. THE RECORDS SHALL BE MADE AVAILABLE FOR INSPECTION BY DEPARTMENT STAFF DURING NORMAL BUSINESS HOURS. IN ADDITION, COPIES OF SUCH RECORDS SHALL BE FURNISHED TO DEPARTMENT STAFF UPON REQUEST. ALL REQUIRED SAMPLING, COMPOSITING AND ANALYSIS OF FUEL SAMPLES MUST BE DONE IN ACCORDANCE WITH METHODS ACCEPTABLE TO THE DEPARTMENT.

**** No Data

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*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Parameter	Lower Limit	Upper Limit	Activity Type
Monitored Parameter			Reporting Frequency
Regulated Contaminant			Monitoring Frequency
Process Material	Units		Averaging Method
OPACITY		20	MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
****	percent		UPON REQUEST BY REGULATORY AGENCY
****			AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
NO OWNER OR OPERATOR OF A COMBUSTION INSTALLATION SHALL EMIT GREATER THAN 20 PERCENT OPACITY EXCEPT FOR ONE SIX MINUTE PERIOD PER HOUR, NOT TO EXCEED 27 PERCENT, BASED UPON THE SIX MINUTE AVERAGE IN REFERENCE TEST METHOD 9 IN APPENDIX A OF 40 CFR 60.			6-MINUTE AVERAGE (METHOD 9)

**** No Data

A4

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*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Monitoring Point	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
				Reporting Frequency
Condition	Regulated Contaminant	Units		Monitoring Frequency
Medium	Process Material			Averaging Method

Emission Unit: 0-02112

RECORD KEEPING/MAINTENANCE PROCEDURES

UPON REQUEST BY REGULATORY AGENCY

AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

NO PERSON SHALL CAUSE OR ALLOW EMISSIONS HAVING AN AVERAGE OPACITY DURING ANY SIX CONSECUTIVE MINUTES OF 20 PERCENT OR GREATER FROM ANY PROCESS EMISSION SOURCE, EXCEPT ONLY THE EMISSION OF UNCOMBINED WATER. THE DEPARTMENT RESERVES THE RIGHT TO PERFORM OR REQUIRE THE PERFORMANCE OF A METHOD 9 OPACITY EVALUATION AT ANY TIME DURING FACILITY OPERATION.

THE PERMITTEE WILL CONDUCT OBSERVATIONS OF VISIBLE EMISSIONS FROM THE EMISSION UNIT, PROCESS, ETC. TO WHICH THIS CONDITION APPLIES AT THE MONITORING FREQUENCY STATED BELOW WHILE THE PROCESS IS IN OPERATION. THE PERMITTEE WILL INVESTIGATE, IN A TIMELY MANNER, ANY INSTANCE WHERE THERE IS CAUSE TO BELIEVE THAT VISIBLE EMISSIONS HAVE THE POTENTIAL TO EXCEED THE OPACITY STANDARD.

THE PERMITTEE SHALL INVESTIGATE THE CAUSE, MAKE ANY NECESSARY CORRECTIONS, AND VERIFY THAT THE EXCESS VISIBLE EMISSIONS PROBLEM HAS BEEN CORRECTED. IF VISIBLE EMISSIONS WITH THE POTENTIAL TO EXCEED THE STANDARD CONTINUE, THE PERMITTEE WILL CONDUCT A METHOD 9 ASSESSMENT WITHIN THE NEXT OPERATING DAY OF THE SOURCES ASSOCIATED WITH THE POTENTIAL NONCOMPLIANCE TO DETERMINE THE DEGREE OF OPACITY AND WILL NOTIFY THE NYSDEC IF THE METHOD 9 TEST INDICATES THAT THE OPACITY STANDARD IS NOT MET.

RECORDS OF VISIBLE EMISSIONS OBSERVATIONS (OR ANY FOLLOW-UP METHOD 9 TESTS), INVESTIGATIONS AND CORRECTIVE ACTIONS WILL BE KEPT ON-SITE. SHOULD THE DEPARTMENT DETERMINE THAT PERMITTEE'S RECORD KEEPING FORMAT IS INADEQUATE TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION, IT SHALL PROVIDE WRITTEN NOTICE TO THE PERMITTEE STATING THE INADEQUACIES, AND PERMITTEE SHALL HAVE 90 DAYS TO REVISE ITS PROSPECTIVE RECORD KEEPING FORMAT IN A MANNER ACCEPTABLE TO THE DEPARTMENT.

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Condition Num	Regulated Contaminant	Process Material	Lower Limit	Upper Limit	Units	Activity Type	Reporting Frequency	Monitoring Frequency	Averaging Method
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Division Unit: 0-02112

	OPACITY			20					
	****				percent				MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
	****								UPON REQUEST BY REGULATORY AGENCY
		STANDARD FOR OPACITY FROM A HOT MIX ASPHALT PLANT.							SINGLE OCCURRENCE
									6-MINUTE AVERAGE (METHOD 9)

	PARTICULATES			0.04					
	PARTICULATES				grains per dscf				INTERMITTENT EMISSION TESTING
	****								UPON REQUEST BY REGULATORY AGENCY
		PARTICULATE EMISSIONS LIMITATIONS FOR A HOT MIX ASPHALT PLANT.							SINGLE OCCURRENCE
									1-HOUR AVERAGE

**** No Data

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03082010_Gowanus_DOT_HAM Pr

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT
Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232
Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1
Permit Type ASF Status Issued

Compliance Assurance Monitoring

Cond	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
Num	Regulated Contaminant	Units		Reporting Frequency
	Process Material			Monitoring Frequency
				Averaging Method

Session Unit: 0-02112

OPACITY
PARTICULATES

percent

20

MONITORING OF PROCESS OR
CONTROL DEVICE PARAMETERS
AS SURROGATE

UPON REQUEST BY
REGULATORY AGENCY

AS REQUIRED - SEE PERMIT
MONITORING DESCRIPTION

6-MINUTE AVERAGE (METHOD 9)

NO PERSON SHALL CAUSE OR ALLOW EMISSIONS HAVING AN AVERAGE OPACITY DURING ANY SIX CONSECUTIVE MINUTES OF 20 PERCENT OR GREATER. THE DEPARTMENT RESERVES THE RIGHT TO PERFORM OR REQUIRE THE PERFORMANCE OF A METHOD 9 OPACITY EVALUATION

**** No Data

A7

DOT P HAM 00000132

03082010_Gowanus_DOT_HAM Pr

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF FACILITY PERMISSIBLE EMISSIONS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH STREET BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1

Permit Type ASF Status Issued

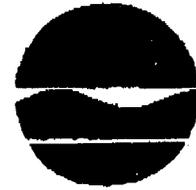
Facility Permissible Emissions

NY210-00-0 OXIDES OF NITROGEN

45000 pounds per year

DOT_P_HAM_00000133

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

By Certified Mail - Return Receipt Requested And, By Fax
Transmittal

August 13, 1997

Mr. Tom Siano,
Director of Asphalt Operations
Municipal Asphalt Plant
New York City Department of Transportation
448 Hamilton Ave.
Brooklyn, N.Y. 11232

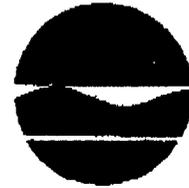
Re: Submittal Of Monthly Reports Of Asphalt Production

Dear Mr. Siano:

In the DEC letter addressed to you, dated July 7, 1997, we are reminding you that you must "submit to this office [DEC - Region 2] at the end of each month, records of your daily production of RAP and regular asphalt. Please submit said records within 7 calendar days from the end of each month." As of today we do not have your reports for the months of May, June and July 1997.

In as much as the requirement to submit the production reports is a Special Condition on your permit, failure to submit said reports is a violation of Part 201 of 6 NYCRR. The reports are also our only means to evaluate your annual CO emissions. Your current permit was issued on condition that your CO emissions do not exceed 50 tons per year. Unless we received the above-mentioned production reports by COB 7/21/97, we will have no choice but to refer the above-noted Part 201 violation to our legal staff.

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

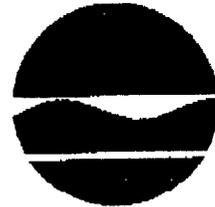
You also agreed to provide ASAP to DEC, an Operation and Maintenance (O&M) manual for the Hamilton Ave. Plant. Also by 7/21/1997 please advise us of the status of development of the O&M manual.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

CC: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, NY 11101
Tel: 718-482-4944 FAX: 718-482-4874



Michael Zagata
Commissioner

FAX TRANSMITTAL FROM Bert Breitung

TO: Thomas Siano

FAX NO: (718) 965-2930

DATE: 8/13/97

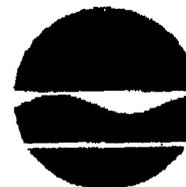
TIME: 10:40 AM

PAGES: 2 (PLUS COVER)

MESSAGE: _____

CC:

New York State Department of Environmental Conservation
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4949, fax (718) 482-4954



John P. Cahill
Acting Commissioner

April 4, 1997

Mr. Thomas Siano
Director of Asphalt Operations
New York City Department of Transportation
Hamilton Avenue Asphalt Plant
448 Hamilton Avenue
Brooklyn, N.Y. 11323

Re: 1) Pre Stack Test Tune-up.
2) Required Monthly Production Reports.

Dear Mr. Siano:

During the past few weeks we agreed to the following procedures:

- i. In anticipation of the stack test of April 8th and 9th I agreed that you may produce asphalt with recycled materials, subject to the following restraints:

Such production takes place during daylight hours only.

You will discontinue the production should odors or visible emissions occur.

Gencor personnel is on the premises and uses these runs to fine-tune the plant for the test.

The production rate is about half of the maximum rate of 350 tons per hour.

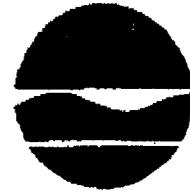
New York State Department of Environmental Conservation

Region 2

47-40 21st Street

Long Island City, NY 11101-5407

(718) 482-4949, fax (718) 482-4954



John P. Cahill
Acting Commissioner

Our staff visited the plant, however no production was being carried out at these times. You have assured me that at no time odors or visible emissions occurred. Gencor staff used the experiment by devising new tune-up procedures. This office has not received any complaints from the residents.

- ii. You agreed that from now on you will submit detailed monthly production reports showing the number of hours, quantities of asphalt per hour - virgin, recycled etc. The first reports for March and April are due May 1st.

Sincerely,

A handwritten signature in black ink that reads "Bert Breitburg". The signature is written in a cursive, flowing style.

Bert Breitburg, P.E.
Environmental Engineer II

cc: R. Elburn
L. Silberfeld, Esq.



THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

Bureau of
Air, Noise, & Hazardous
Materials

February 14, 1997

Ms. Adiana Scopino, Assistant District Manager
Community Board Six
250 Baltic Street
Brooklyn, N.Y. 11201

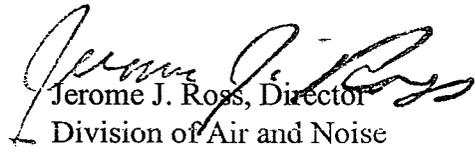
Dear Ms. Scopino:

Thank you for your letter of November 14, 1996. The matter involved fumes emanating from the Hamilton Avenue Asphalt Plant located in the vicinity of Hamilton Avenue & 15th Street. I apologize for not writing sooner.

A Division of Air and Noise Permitting and Enforcement inspector investigated on November 15, 1996, but did not detect fumes nor find other violations of the Air Pollution Control Code.

If the fumes recurs please contact me at the address below. Thank you for reporting the problem.

Sincerely,


Jerome J. Ross, Director
Division of Air and Noise
Permitting and Enforcement

JR/dc
log number: 96A018557\85941
lo file

81 8 NY 4Z 3W 76

RECEIVED
FEB 17 1997

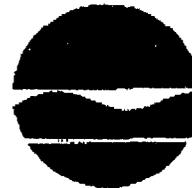
DEPARTMENT OF ENVIRONMENTAL PROTECTION

FEB 24 1997

RECEIVED
FEB 24 1997

59-17 Junction Boulevard, 11th Floor, Corona, New York 11368-5107

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

November 14, 1996

Thomas J. Siano
Director of Asphalt Operations
New York City Department of Transportation
448 Hamilton Avenue
Brooklyn, N.Y. 11232

Re: Changing the Asphalt Production to Virgin Material Mixes Only

Dear Mr. Siano:

This morning I informed you of a serious problem that is being caused in the neighboring streets by the NYCDOT plant at 448 Hamilton Ave., Brooklyn. As I stated, the problem consists of strong acrid odors that the area's residents are noticing both outside and inside their homes. You acknowledged that you have spoken to residents about this problem and indicated you believe the problem is present only when recycled material mixes are added to the asphalt mix produced by the plant. When virgin material mixes are used the odor and the visible plume disappear.

In light of this unresolved problem, you have agreed that starting immediately, the plant will not use recycled materials in its mix for the balance of the month, after which you anticipate a significant reduction in the plant's production level. Please be advised that until the problem is completely resolved, DEC fully expects NYCDOT to refrain from using any recycled materials in its production mix, regardless of production levels. Further, please note that if the exclusion of the recycled materials does not

eliminate the smoking and odor problems which are currently plaguing the plant, shutdown of the operation to allow for full assessment and remediation of the problems will be required. In any event, as we discussed, a complete plant shutdown for maintenance and operation adjustments (ideally performed by the contractor who constructed the plant) is an absolute necessity and should be done at the end of the month.

I am looking forward to our meeting of November 19th and to the development of a permanent solution for your current operational problems.

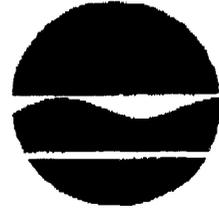
Sincerely,



Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq., NYSDEC
Robert Elburn, NYSDEC
Afsar Taherzadeh, NYCDOGS (Fax Transmittal)

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, NY 11101
Tel: 718-482-4944 FAX: 718-482-4874



Michael Zagata
Commissioner

FAX TRANSMITTAL FROM Bert Breitburg

TO: Thomas J. Siano

FAX NO: (718) 965-2930

DATE: NOV. 14, 96

TIME: 3:30 PM

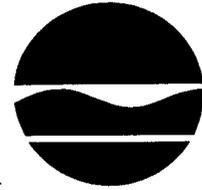
PAGES: 2 (PLUS COVER)

MESSAGE:

Attached please find a
letter that summarizes our conversation
of earlier in the day,

CC:

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

May 1, 1996

Ms. Afsar Taherzadeh
Transportation Program Unit
New York City Department of General Services
1 Center Street, 15th Floor
New York, N.Y. 10007

Re: 1) NYCDOT Hamilton Avenue Asphalt Plant, Brooklyn
2) Air Emission Standard Compliance Stack Test of 4/17,18&19,96.

Dear Ms. Taherzadeh:

Engineers from our office have witnessed the referenced stack test. Our witnesses' reports indicate that the asphalt plant's emissions were tested only for particulate matter. The **Special Conditions** of your Permit to construct that was issued by our office require that the VOC, CO and No_x stack emissions be tested as well. We cannot issue a Certificate of Operation for the referenced plant until all required stack tests are performed and NYCDOT demonstrates compliance with the State Air emission standards.

As of now the plant is being operated in violation of Part 201 of 6NYCRR, which requires that all air pollution sources in New York State have a valid Certificate of Operation issued by NYSDEC. Please reschedule a complete stack test for a date no latter than June 15, 1996.

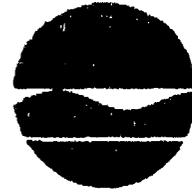
Should you have any questions feel free to call me at (718) 482-4862.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC
Tom Siano, NYCDOT ✓

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zayata
Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

February 27, 1996

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, N.Y. 11232

Re: NYCDOT Letter Dated February 15, 1996

Dear Mr. Siano:

I received your letter of February 15th that outlines the reasons for the delay in conducting the stack test. In order that our office understands and agree that NYCDOT needed an extension of the test date specified in your Permit to Construct, we are requesting the following information:

Please provide the start-up date of your asphalt producing operation. Also provide the daily logs that show the hourly production in tons of asphalt and the hours of operation per day. The log should cover the period of time from the start-up date up to date. Please supply this data within 7 calendar days of receipt of this letter.

Also please propose at least two dates for the upcoming stack test. Since we must witness the entire test, we will respond by indicating to you which of the dates suits our staff's schedule.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II



**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel: 718/788-4516 / Fax: 718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Bert Breitburg P.E.
NYS Department of Environmental Conservation

FROM: Tom Siano *David Steen for*
Director of Asphalt Operations

DATE: February 15, 1996

RE: Stack Test for Hamilton Asphalt Plant

As per our conversation of Friday February 9, 1996, enclosed are the reasons for requesting a postponement of the required stack test for the NYC DOT Hamilton Avenue Asphalt Plant. The list is as follows:

1. Starting the asphalt plant in frigid temperatures is not in DOT's interest. Turning over motors, drives, and frozen belts may lead to possible damage to the production equipment.
2. Due to the cold temperatures and heavy snow accumulations this winter, our aggregate stockpiles are retaining an excessive amount of frozen moisture. Being that the scale conveyors cannot differentiate between aggregate, snow, or ice, the calibrated weights introduced into the drum at times differ from the amounts later discharged. The calculated amount of asphalt cement required to produce a good quality hot mix has a direct correlation to aggregate weights eventually introduced. A possible result is an inconsistent mix with questionable quality.
3. Running a stack test would require us to produce more than 250 tons of asphalt for each of the required tests. During the winter season only minimal amounts of material are required daily (weather permitting) for maintenance work. To force a paving crew to lay down material under adverse weather conditions, or worse yet, to literally throw the material away is not in the City's best interest.

To date our production output has been limited. Tons per hour during the periods when we do run have been 225 T.P.H. or less. For winter maintenance activities, asphalt production has been at a minimum.

At this time it would be in our interest to perform the test in mid-April when temperatures moderate and our resurfacing program is in full swing. If you have any questions on any of this material, do not hesitate to call me. My number at Hamilton Ave. is 718/788-5968. I will be out of town on leave through February 28, 1996.

cc: B/C J. Foulke, D/B/C E. Theofan, A. Taherzadeh, B. Murphy



**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel: 718/788-4516 / Fax: 718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Bert Breitburg P.E.
NYS Department of Environmental Conservation

FROM: Tom Siano *David Steen for*
Director of Asphalt Operations

DATE: February 15, 1996

RE: Stack Test for Hamilton Asphalt Plant

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cc: B/C J. Foulke, D/B/C E. Theofan, A. Taherzadeh, B. Murphy

04/03

Comments:

Pages including this cover page: 3
Date: 2/15/96
Phone: 718/788-4516
Fax: 718/965-2930

Company: HAMILTON AVENUE
ASPHALT PLANT
NYC Dept. of Transportation

From: TOM SIAMO

To: GERT BREIBERG
Company: NYS DEC
Phone: 482 4874
Fax: 482 4874

Facsimile Cover Sheet

TRANSMISSION REPORT

THIS DOCUMENT WAS CONFIRMED
(REDUCED SAMPLE ABOVE - SEE DETAILS BELOW)

** COUNT **

TOTAL PAGES SCANNED : 3
TOTAL PAGES CONFIRMED : 3

*** SEND ***

No.	REMOTE STATION	START TIME	DURATION	#PAGES	MODE	RESULTS
1	84824874	2-15-96 1:21PM	1'16"	3/ 3	EC	COMPLETED 9600

TOTAL 0:01'16" 3

NOTE:

No. : OPERATION NUMBER 48 : 4800BPS SELECTED EC : ERROR CORRECT G2 : G2 COMMUNICATION
 PD : POLLED BY REMOTE SF : STORE & FORWARD RI : RELAY INITIATE RS : RELAY STATION
 MB : SEND TO MAILBOX PG : POLLING A REMOTE MP : MULTI-POLLING RM : RECEIVE TO MEMORY

SAFTEY / HEALTH

67

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 of 2

INVESTIGATION (Type and Number) COMPLAINT ACCIDENT <input checked="" type="checkbox"/> OTHER (Specify)-Follow-up.	4. ESTABLISHMENT NAME AND SITE ADDRESS NYCDOT Hamilton AVE. Asphalt Plant, 448 Hamilton Ave, Brooklyn, NY 11238	
	5. DATE (S) OF INVESTIGATION 02/08/05	6. INSPECTION NUMBER 307964262

Purpose and Scope of the Inspection:

A follow-up inspection was conducted at the above date and listed address. The purpose of the inspection was to determine the status of the outstanding violations originally issued on 01/16/04 as a result of a referral inspection.

Opening Conference/Survey Finding:

Joint opening and closing conferences were held with management representatives Mr. Thomas Siano, on-site Director and Mr. Matthew Briton Deputy Director of Safety and Health. Employees' representatives were Mr. Gene Demantino President of Local 376 and Ms. Lisa Baum Principal Program Coordinator, DC 37 Safety and Health.

Monitoring inspections were conducted on May 28 and June 22, 2004. Petition for Modification of Abatement (PMA) was granted. Verification for compliance was achieved through employees' interview and records review. The following observations were noted:

8. ORDERS ISSUED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	9. SIGNATURE OF INSPECTOR/HYGIENIST 	10. DATE 02/8/05
---	---	-------------------------

DOSH 914(1-90)

The Final written programs (Confined Space, Respiratory and Personal Protective) appeared acceptable after reviews of the drafts. Two confined space trainings were provided on May 22, 2004 and January 5-7, 2005. Off site rescue services to be responding to rescuing entrants from permit spaces was the New York City Fire Department. Copies of documentation of aforementioned items were also given to the Union representatives.

ORDER COMPLIED-Serious

Standard Number	Original Abatement Date	compliance
29CFR 1910.132(a)(2)	3/26/04	8/23/04
29CFR 1910.132(d)(1)	3/26/04	8/23/04
29 CFR 1910.132(d)(2)	3/25/04	8/23/04
29 CFR 1910.146(c)(4)	3/25/04	8/23/04
29 CFR 1910.146 (g)(4)	3/25/04	8/23/04

At the joint closing conferences on 2/08/2005, they were informed that all the violations were complied with no penalty. In addition, that a written report would be forthcoming.

03082010_Gowanus_DOT_HAM Pt

NEW YORK CITY DEPARTMENT OF HEALTH

INSPECTION REPORT

ENVIRONMENTAL HEALTH SERVICES

CAMIS NUMBER		PERMIT TYPE	ESTAB. TYPE	PERMIT NO.	EXP. DATE	FORM NO.	COMPLAINT CONTROL NO.					
		00160			/ /		9093002					
ADDRESS						FLOORS	BORO	COT'D	ZIP CODE			
448 HAMILTON AVENUE						3	3	F	11215			
OWNER / PERMITTEE												
NYC DEPARTMENT OF TRANSPORTATION												
D/B/A	SAFETY	RISK	TELEPHONE NO.	DAYS CLOSED			HOURS OF OPERATION					
NYC ASPHALT PLANT	0	—	(718) 369-4244	SU	M	TU	W	TH	FR	SA	05:00 TO 03:00	
(INFORMATION UPDATE) D/B/A	SAFETY	RISK	TELEPHONE NO.	DAYS CLOSED			HOURS OF OPERATION					
				SU	M	TU	W	TH	FR	SA	N	TO
INSPECTION DATE	START TIME	STOP TIME	ID NUMBER	BUREAU	PROGRAM	INSP. TYPE	ACTION	DOCKET NUMBER	HEARING DATE	HEARING TIME	<input type="checkbox"/> AM <input type="checkbox"/> PM	
04/07/04	1700	1745	1105	N	SM	Z	E					
HUMIDITY: INTERNAL _____ % EXTERNAL _____ %		NUMBER OF SAMPLES AND TEST REQUIRED					CHEMICAL	INSTRUMENT	SENSITIVITY	RESULT		
AIR TEMPERATURE: INTERNAL _____ °F EXTERNAL _____ °F		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		TO				
WIND: SPEED _____ M.P.H. DIRECTION _____		BACT.	METALS	VOC's	NITRATES	P.M.		TO				
WEATHER CONDITIONS: _____		CASE NO.							TO			
		T	-	-	-			TO				

(See back for explanations)

- 1. ADMINISTRATION
A B C D E F G H
- 2. CONSTRUCTION AND EQUIPMENT
A B C D E F G
- 3. FIRE SAFETY
A B C D
- 4. WINDOW GUARDS
A B C D E F G H
- 5. PLUMBING
A B C D E F G H I J
- 6. DRINKING WATER SUPPLY
A B C D E F G H I J

- 7. PRODUCT
A B C
- 8. ASBESTOS
A B C D
- 9. AIR QUALITY
A B C D E F
- 10. CHEMICALS AND WASTE MANAGEMENT
A B C D E F
- 11. ANIMALS
A B C D E F G H I
- 12. VERMIN AND WEED CONTROL
A B

- 13. OTHER
A B
- 14. DISTRIBUTION OF TOBACCO PRODUCTS THROUGH VENDING MACHINES, TOBACCO PRODUCT REGULATION ACT AND SMOKE-FREE AIR ACT
 - Distribution of Tobacco Products Through Vending Machine: 1 2 3
 - A
 - Tobacco Product Regulation Act: 1 2 3
 - B C D E F
 - Smoke-Free Air Act: G H I J K L M N O P Q 1 2 3

SUMMARY:	NA	NCA	NSI	VCW	VRRPS	VRR	NO. APARTMENTS	NO. PUBLIC HALLWAYS	NO. FLOORS
SRO / WINDOW FALL PREVENTION									

UNLESS AN EARLIER INSPECTION IS DEEMED NECESSARY BY THE DEPARTMENT, YOUR FACILITY WILL BE REINSPECTED ON OR AFTER / /

REPORT RECEIVED BY (SIGNATURE)	INSPECTOR'S SIGNATURE	SUPERVISOR'S SIGNATURE	SUP. ID#	DATE
<i>[Signature]</i>	<i>[Signature]</i>			/ /

WARNING: PENALTY FOR FALSE OR MISLEADING STATEMENTS ORALLY OR IN WRITING—UP TO \$1000 PER VIOLATION (NYC Health Code Section 3.19) THE OFFER OF A BRIBE, GRATUITY OR REWARD FOR OFFICIAL MISCONDUCT IS A CRIME.

DOT P HAM 00000153

1. ADMINISTRATION

- A. Current valid Permit, License, Registration Certificate, Certificate of Qualification or other authorization not available.
- B. Required records not maintained, available, submitted to DOH or otherwise deficient.
- C. Failure to comply with an order of the Board, Commissioner or Department.
- D. Duties of an officer of the Department interfered with or obstructed.
- E. Notice of the Department or Board mutilated, obstructed, or removed.
- F. Nuisance committed, created, or allowed to exist. Facility not free of unsafe, hazardous, offensive or annoying condition.
- G. Document issued by the Board, Commissioner or Department unlawfully reproduced or altered.
- H. Tattooing being performed for reasons other than medical or by a person not licensed or authorized to practice medicine or osteopathy.

2. CONSTRUCTION AND EQUIPMENT

- A. Floor, wall, ceiling, door, or window improperly constructed, not adequately maintained or in disrepair.
- B. Toilet, lavatory, or shower not provided, inadequate in number, not adequately maintained or in disrepair.
- C. Adequate lighting not provided.
- D. Defects in electrical system.
- E. Heat producing equipment not approved, improperly constructed, installed or maintained.
- F. Sleeping accessories inadequate or not properly maintained.
- G. Equipment/utensil not clean, in good repair, washed, rinsed, disinfected, sanitized or sterilized as required.

3. FIRE SAFETY

- A. Fire fighting equipment not provided, properly installed, placed, inspected or maintained in working order.
- B. Emergency lighting, exit signs, smoke detectors, or fire alarm system not provided where required.
- C. Adequate means (number and size) of egress not provided; fire exit blocked by locking device or otherwise obstructed.
- D. Flammable substance not properly labeled or stored.

4. WINDOW GUARDS

- A. Window guard not provided where required.
- B. Window guard not approved by DOH.
- C. Unguarded space greater than 4 1/2" measured in window aperture.
- D. Installation hardware (screws) not approved by DOH. Screws not flush mounted.
- E. Stopping devices not provided or improperly installed.
- F. Air conditioning window unit improperly installed in lieu of window guard.
- G. Window frame defective. Window guard insecure.
- H. Other.

5. PLUMBING

- A. Handwash facility not properly maintained and not provided with acceptable hand drying device and soap.
- B. Hot water not provided.
- C. Plumbing system not properly installed or maintained. System pressure inadequate.
- D. Cross connection in potable water supply system.
- E. Antisiphonage or backflow device not provided where required. Submerged inlet observed.
- F. Rooftop potable water tank not approved or maintained.
- G. Rooftop potable water tank self inspection records not provided.
- H. Potable/Non-potable water well not permitted and/or not maintained.
 - I. Sewage or liquid waste on ground accessible to occupants. Sewage disposal system improper, unapproved, or defective. Surface drainage inadequate. Facility or equipment contaminated by sewage.
- J. Positive dye test recorded.

6. DRINKING WATER SUPPLY

- A. Public Health Hazard as designated in NYSSC Subpart 5.
- B. Potable water supply inadequate or from unapproved source.
- C. Disinfection equipment not provided, approved or maintained. Disinfection/Chlorine residual inadequate.
- D. Fluoridation equipment not provided, approved or maintained.
- E. pH or corrosion control treatment not provided, approved or maintained.
- F. Aeration or other treatment not provided, approved or maintained.
- G. Monitoring and analytical requirements and/or record keeping not performed or maintained.
- H. Protection of source water (reservoir, clearwell, groundwater, well) inadequate.
 - I. Operation or maintenance of bottled water plant deficient.
- J. Other.

7. PRODUCT

- A. Food or drug not stored, prepared or otherwise processed in an approved, clean and sanitary manner and protected from contamination at all times. Not maintained at or above required minimum temperatures. Obtained from unknown or unapproved source.
- B. Drug, milk or milk product not dated, improperly dated or expired.
- C. Deficiency in product label. Economic violation.

8. ASBESTOS

- A. Failure to abate a confirmed ACM hazard.
- B. Damaged friable insulation material observed.
- C. Damaged (ripped seam or end) insulation material observed.
- D. Other.

9. AIR QUALITY

- A. Harmful, noxious gas, fume or vapor detected.
- B. Dust or odor create nuisance.
- C. Existence of mold or mildew creates nuisance.
- D. Ambient air temperature not maintained at required level.
- E. Ventilation system not provided, inadequate, not adequately maintained, or in disrepair.
- F. Other.

10. CHEMICAL AND WASTE MANAGEMENT

- A. Toxic chemical improperly handled causing exposure to public.
- B. Toxic chemical improperly labeled or stored. Chemical use not in accordance with label or applicable laws. Prohibited chemical used, stored or offered for sale.
- C. Bio/medical waste improperly handled or discarded.
- D. Waste receptacles not provided or inadequate. Storage area not properly constructed or maintained; grinder or compactor dirty.
- E. Locking device or hinge not removed from discarded refrigerator.
- F. Other.

11. ANIMALS

- A. Animal that is prohibited, wild, ferocious, fierce, or dangerous being kept.
- B. Dog not licensed. Collar and metal tag not worn.
- C. Dog not restrained by a leash or chain $\leq 6'$ in length.
- D. Live rooster, duck, goose or turkey being kept or offered for sale. Live rabbit or poultry being kept or offered for sale without tenant consent, on same lot as a multiple dwelling or two-family home.
- E. Animal handling activities not excluded from living quarters or food service facilities.
- F. Dog or cat affected with or exposed to communicable disease being kept while not under veterinary care.
- G. Dog or cat ≥ 3 months of age not in individual cage.
- H. Rabies vaccinations not current for dog or cat ≥ 3 months of age.
 - I. Farm animal being kept or yarded.

12. VERMIN AND WEED CONTROL

- A. Vermin control inadequate. Harborage or conditions conducive to vermin exist.
- B. Weed control inadequate.

13. OTHER

- A. Current valid Permit, License, Registration Certificate, Certificate of Qualification or other authorization not conspicuously displayed.
- B. Other.

14. DISTRIBUTION OF TOBACCO PRODUCTS THROUGH VENDING MACHINES, TOBACCO PRODUCT REGULATION ACT AND SMOKE-FREE AIR ACT**Distribution of Tobacco Products Through Vending Machine:**

- A. Tobacco vending machine present where prohibited.
- Tobacco Product Regulation Act:**
- B. Out of package sale observed.
- C. Age restriction on handling not enforced.
- D. Sale to minor observed.
- E. Sign prohibiting sale of tobacco products to minors not conspicuously posted.
- F. Use of tobacco product on school premises (at or below 12th grade level) observed.

Smoke-Free Air Act:

- G. "Smoking Permitted" and/or "No Smoking" sign not conspicuously posted.
 - Health warning not present on "Smoking Permitted" sign (Work place & Public place)
- H. Ashtray present in smoke free area (Work place & Public place)
- I. Failure to make good faith effort to inform violator (Work place & Public place)
- J. Written smoking policy not provided, not posted, incomplete (Work place)
- K. Smoke-free work area not provided (Work place)
- L. Notice stating that a non-smoking section is available not posted (Bingo hall)
- M. Non-smoking section not sufficient to meet customer demand or not contiguous (Bingo hall)
- N. Designated smoking area not enclosed or separate from other smoke-free areas Billiard parlor)
- O. Designated smoking area not fully enclosed, contains service line or used as a waiting area (Hotel/motel)
- P. Smoking permitted or observed in a public area (Billiard parlor, hotel/motel)
- Q. Other.

**NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE
BUREAU OF FOOD SAFETY AND COMMUNITY SANITATION
INSPECTION REPORT — NOTICE OF VIOLATION**

PG. 1 OF 1

OWNER NYC DEPARTMENT OF TRANSPORTATION	D/B/A NYC ASPHALT PLANT	C.C. NO. Q093002
ADDRESS 448 HAMILTON AVENUE	BORO BROOKLYN	PERMIT NO.
BUREAU N	PROGRAM SM/Z	DATE 04/07/04

ITEM NUMBER	DESCRIPTION OF VIOLATIONS
	RE: SMOKING COMPLAINT
	ALLEGATION: EMPLOYEE/OWNER SMOKING
	AT THE TIME OF INSPECTION:
	- "NO SMOKING" SIGNS WERE CONSPICUOUSLY POSTED;
	- NO ONE WAS OBSERVED SMOKING;
	- WORKPLACE SMOKE FREE POLICY DOES NOT EXIST - VIOLATION 2.4 RCNY 10-13(b) / NYC AC 17-504(e); AND
	- ONE (1) GLASS ASHTRAY WITH CIGARETTE BUTTS AND ASHER WAS OBSERVED IN THE CONFERENCE ROOM.
	ACTION (E)

NOTICE: Department of Health and Mental Hygiene employees must show identification on request.

RECEIVED BY <i>Al DeChillo</i>	SIGNATURE & BADGE # <i>D [Signature] 0019</i>	SUPERVISOR'S SIGNATURE	DATE
-----------------------------------	--	------------------------	------

PENALTY FOR FALSIFICATION: Falsification of any statement made herein is an offense punishable by a FINE of not more than \$500 or not more than 60 days imprisonment or both. — NYC ADMINISTRATIVE CODE, SEC. 1151-9.0.

*4/8/04
SPM*



New York City
Department of Transportation

Iris Weinshall, Commissioner

Office of Safety and Health
40 Worth Street – Room 810
New York, New York 10013
Tel: (212) 442-1963; Fax: (212) 442-9208

MEMORANDUM

TO: RC Managers

FROM: John Massey, Director
Office of Safety and Health 

SUBJECT: DOL Annual Log and Summary of Injuries and Illnesses
(SH 900) (SH 900.1)

DATE: February 12, 2003

The New York State Department of Labor, Public Employee Safety and Health Bureau (PESH), requires public employers to post an annual **Summary of Occupational Injuries and Illnesses** (SH 900.1 form) at each worksite annually (NYCRR Part 801 Recording and Reporting Public Employees' Occupational Injuries and Illnesses). **The summary covering Calendar Year 2002 must be completed and posted during the months of February, March and April 2003 in a location visible to all employees.**

Attached are blank SH 900 and blank 900.1 forms. Please make additional copies as needed and distribute to your worksite supervisors who are responsible for completing the log throughout the year. **Please forward a copy of all completed SH 900 forms to us, for calendar year 2002 by March 20, 2003. In addition, please send us a copy of all workers compensation forms that resulted in employees missing full days away from work.**

Please contact Ronetta Lewis at (212) 442-1971 if you have any questions.

C: Comm. I. Weinshall, F/D/C J. Bergtraum, D/C D. Woloch, C/O/S S. Cooper, D/C C. Freud, D/C R. Grotell, D/C L. Heyward, D/C H. Perahia, D/C M. Primmegia, D/C H. Altschuler, A/D/C M. McCarthy, B/C L. Ardito, B/C J. Cannisi, B/C M. Forgione, B/C J. Giaccio, B/C C. Moran, B/C A. Salkin

Attachment

JM/rl: DOLannual



**SUMMARY OF WORK-RELATED
INJURIES AND ILLNESSES
FORM SH-900.1**

All establishments covered by PART 801 must complete this summary annually, even if no occupational injuries or illnesses occurred during the year.

Employees, former employees, and their representatives have the right to review this form. They also have limited access to the Log (SH 900) or its equivalent. See 801.35 and instructions for further details on access provisions for these forms.

1. ESTABLISHMENT INFORMATION	2. EMPLOYMENT INFORMATION
ESTABLISHMENT NAME <u>NYC DOT HAMILTON ASPHALT PLANT</u>	If you don't have accurate figures, see the instructions on the back of this sheet. AVERAGE NUMBER OF EMPLOYEES <u>23</u> TOTAL HOURS WORKED BY ALL EMPLOYEES LAST YEAR _____
STREET ADDRESS <u>448 HAMILTON AVE</u>	
CITY, STATE, ZIP CODE <u>BROOKLYN, N.Y. 11232</u>	
INDUSTRY DESCRIPTION (e.g., village fire department) <u>ASPHALT PLANT</u>	
STANDARD INDUSTRIAL CLASSIFICATION (SIC), IF KNOWN. _____	

Enter the column totals from the Log of Occupational Injuries and Illnesses (SH 900) for each category (column labels under each line correspond to the columns on the Log). If a category has no cases, enter "0."

3. NUMBER OF CASES	4. NUMBER OF DAYS	5. INJURIES AND ILLNESS TYPES
DEATHS <u>0</u> (Col. G)	JOB TRANSFER OR RESTRICTION <u>0</u> (Col. K)	INJURIES <u>2</u> (Col. 1)
DAYS AWAY FROM WORK <u>20</u> (Col. H)	AWAY FROM WORK <u>20</u> (Col. L)	SKIN DISORDERS <u>0</u> (Col. 2)
JOB TRANSFER OR RESTRICTION <u>0</u> (Col. I)		RESPIRATORY CONDITIONS <u>0</u> (Col. 3)
OTHER RECORDABLE CASES <u>0</u> (Col. J)		POISONINGS <u>0</u> (Col. 4)
		ALL OTHER ILLNESSES <u>0</u> (Col. 5)

6. CERTIFICATION	
I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.	
SIGNATURE <u>Anthony Bordenca</u>	TITLE <u>SUPV. HIGHWAY REP.</u>
PRINT NAME <u>ANTHONY BORDENCA</u>	DATE <u>2/24/03</u>



**New York City
Department of Transportation**

Office of Safety and Health
40 Worth Street Room 810
New York, New York 10013
Tel: (212) 442-1963; Fax: (212) 442-9208

Iris Weinshall, Commissioner

MEMORANDUM

TO: SARA Title III /NYC Community Right-To-Know Compliance Coordinators

FROM: John Massey, Director
DOT Office of Safety and Health 

SUBJECT: Regulatory Compliance with Federal Superfund Amendment and Reauthorization Act Title III/New York City Community Right to Know Laws

DATE: February 23, 2005

As indicated on the attached list, you have been selected by your division to achieve compliance with the Federal Superfund Amendment and Reauthorization Act Title III/New York City Community Right-To-Know (SARA/RTK) laws for the facility/facilities under your jurisdiction.

This responsibility requires that you conduct a chemical inventory, acquire material safety data sheets (MSDSs), complete Facility Inventory Forms (FIFs), and ensure that chemicals at your worksite are properly labeled. Please use the Community Right-to-Know Compliance booklet (attached and available in the Outlook - Safety and Health/ Environmental public folder) to assist you. Submit a copy of all FIF(s) and the MSDS for each reported chemical to the Occupational Safety and Health Office at 40 Worth Street, Room 810, NY, NY 10013, no later than March 30, 2005.

After you have received approval from this office, make four copies of the original FIF and MSDS(s) and send to NYC Department of Environmental Protection, the NYC Fire Department and the New York State Department of Environmental Conservation. The addresses for those entities are located on page 18 of the compliance booklet. The last copy should be retained for your records.

If you are not required to report, you must submit a letter on your division's letterhead and include your Right-To-Know facility ID # if known. State the nature of your operation (SIC CODE) and give the reason your facility is not required to report. If this applies to more than one facility, please attach a list indicating the address of each facility.

Send the letter to:

Right-To-Know Program/LEPC
Division of Emergency Response & Technical Assessment
NYC Department of Environmental Protection
59-17 Junction Blvd.
Corona, New York 11368-5107

Send a copy of that letter to this office for our records.

It has come to our attention that some facilities may have difficulties with external mailings. For the convenience of those with this problem, the Occupational Safety and Health Office will mail out your submissions for you. Simply make three copies and send them to the Occupational Safety and Health Office, 40 Worth Street, Room 810, via intra-departmental mail.

For the convenience of those who may be new to this assignment or those who would like a refresher, we will be offering an online (Video Streaming) training on March 15 & 16, 2005, from 10:00 AM to 12:00 PM. Individuals who are interested should contact John Massey via email.

c: Comm. Weinshall, FDC Bergtraum, DC Woloch, DC Freud, DC Cannisi, DC Heyward, CBO Perahia, DC Primeggia, COO DeSimone, GC Damashek, AC Hochstadt, P. Breglio, H. Belovin

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO

Name HAMILTON ASPHALT PLANT Street 448 HAMILTON AVE City BROOKLYN State NY Zip+4 11232 Telephone (718) 369-4246 County KINGS SIC Code 0047 Dun & Brad. Number

Name NYC DOT Phone (718) 369-4246 Mail Address 448 HAMILTON AVE BROOKLYN, NY 11232 Name ANTHONY BORDENCA Title SUPV. Day Phone (718) 369-4246 24-hr phone (646) 879-1884 Name DAVE STERMAN Title SUPV. Day Phone (718) 369-4244 24-hr phone (646) 879-4118

For Official Use Only: ID# Date Received:

Table with 5 columns: Chemical Description, Physical and Health Hazards, Inventory, Storage Codes and Locations (Non-Confidential), and OPTIONAL. Contains three rows of chemical data including Gasoline, Diesel, and Diesel.

Certification (Read and sign after completing all sections) I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 6, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Name and official title of owner/operator OR owner/operator's authorized representative: ANTHONY BORDENCA PLANT MANAGER Signature: Anthony Bordenca Date signed: 5/24/04

OPTIONAL I have attached a site plan [X]

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO	Facility Identification	Name <u>HAMILTON ASPHALT PLANT</u> Street <u>448 HAMILTON AVE</u> City <u>BROOKLYN</u> State <u>NY</u> Zip+4 <u>11232</u> Telephone <u>(718) 369-4246</u> County <u>KINGS</u> SIC Code <u>0047</u> Dun & Brad. Number 	Owner/Operator Name <u>NYC DOT</u> Phone <u>(718) 369-4246</u> Mail Address <u>448 HAMILTON AVE</u> <u>BROOKLYN, NY 11232</u> Name <u>ANTHONY BORDENCA</u> Title <u>SUPV.</u> Day Phone <u>(718) 369-4246</u> 24-hr phone <u>(646) 879-1884</u> Name <u>DAVE STERMAN</u> Title <u>SUPV.</u> Day Phone <u>(718) 369-4244</u> 24-hr phone <u>(646) 879-4118</u>
For Official Use Only: ID# Date Received: 			

Chemical Description	Physical and Health Hazards <small>Check all that apply.</small>	Inventory	Storage Codes and Locations (Non-Confidential) <small>Storage Locations</small>	OPTIONAL																
CAS Trade Secret <input type="checkbox"/> Name(s) of Chemical(s) <u>ACETYLENE</u> Check all that apply: <input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input checked="" type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>02</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%; text-align: center;">L</td> <td style="width:5%; text-align: center;">2</td> <td style="width:5%; text-align: center;">4</td> <td style="width:85%;">BETWEEN BAY#1 AND BAY#2 AND SHOP FLOOR (SEC D)</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	L	2	4	BETWEEN BAY#1 AND BAY#2 AND SHOP FLOOR (SEC D)													Check box if information submitted is identical to last year <input type="checkbox"/>
L	2	4	BETWEEN BAY#1 AND BAY#2 AND SHOP FLOOR (SEC D)																	
CAS Trade Secret <input type="checkbox"/> Name(s) of Chemical(s) <u>OXYGEN</u> Check all that apply: <input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>02</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%; text-align: center;">L</td> <td style="width:5%; text-align: center;">2</td> <td style="width:5%; text-align: center;">4</td> <td style="width:85%;">BETWEEN BAY#2 AND BAY#3 AND SHOP FLOOR (SEC D)</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	L	2	4	BETWEEN BAY#2 AND BAY#3 AND SHOP FLOOR (SEC D)													Check box if information submitted is identical to last year <input type="checkbox"/>
L	2	4	BETWEEN BAY#2 AND BAY#3 AND SHOP FLOOR (SEC D)																	
CAS Trade Secret <input type="checkbox"/> Name(s) of Chemical(s) <u>ASPHALT CEMENT</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>05</u> Avg. Amount (code) <u>05</u> No. of Days Present <u>365</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%; text-align: center;">A</td> <td style="width:5%; text-align: center;">2</td> <td style="width:5%; text-align: center;">5</td> <td style="width:85%;">SOUTH END OF YARD (SEC C) BY ENTRANCE GATE</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	A	2	5	SOUTH END OF YARD (SEC C) BY ENTRANCE GATE													Check box if information submitted is identical to last year <input type="checkbox"/>
A	2	5	SOUTH END OF YARD (SEC C) BY ENTRANCE GATE																	

Certification (Read and sign after completing all sections) I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.	OPTIONAL I have attached a site plan <input checked="" type="checkbox"/>
Name and official title of owner/operator OR owner/operator's authorized representative <u>ANTHONY BORDENCA Plant Manager</u>	Signature <u>Anthony Bordenca</u> Date signed <u>5/24/04</u>

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO	Facility Identification	Name <u>HAMILTON ASPHALT PLANT</u>	Name <u>NYC DOT</u> Phone <u>(718) 369-4246</u>
		Street <u>448 HAMILTON AVE</u>	Mail Address <u>448 HAMILTON AVE</u> <u>BROOKLYN, NY 11232</u>
		City <u>BROOKLYN</u> State <u>NY</u> Zip+4 <u>11232</u>	Name <u>ANTHONY BORDENCA</u> Title <u>SUPV.</u>
		Telephone <u>(718) 369-4246</u> County <u>KINGS</u>	Day Phone <u>(718) 369-4246</u> 24-hr phone <u>(646) 879-1884</u>
		SIC Code <u>0047</u> Dun & Brad. Number <u> </u>	Name <u>DAVE STERMAN</u> Title <u>SUPV.</u>
		For Official Use Only: ID# <u> </u> Date Received: <u> </u>	Day Phone <u>(718) 369-4244</u> 24-hr phone <u>(646) 879-4118</u>

Chemical Description	Physical and Health Hazards <i>Check all that apply</i>	Inventory	Storage Codes and Locations (Non-Confidential) <i>Storage Locations</i>			OPTIONAL Check box if information submitted is identical to last year
			Container	Pressure	Temperature	
CAS <u> </u> Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>ELECTA COAT AEROSOL</u> <u>XYLENE (1330-20-7)/HEXANE (110-54-3)</u> <u>STYRENE POLYMER W/ BUTADIENE (9003-55-8)</u> <u>LUMIPET. GAS BLEND (PRIMARY BUTANE) (68476-86-8)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed (chronic)	<u>01</u> Max Amount (code) <u>01</u> Avg. Amount (code) <u>365</u> No. of Days Present	<u>F14</u> <u>3RD FLOOR CONFERENCE Rm (SEC E)</u> <u>SHOP BENCHES</u>		<input type="checkbox"/>	
CAS <u> </u> Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>PRESTONE STARTING FLUID</u> <u>HEPTANE (142-82-5) 25-60%</u> <u>ETHYL ETHER (60-29-7) 40-70%</u> <u>CARBON DIOXIDE (124-38-9) 5-10%</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	<u>01</u> Max Amount (code) <u>01</u> Avg. Amount (code) <u>365</u> No. of Days Present	<u>F14</u> <u>3RD FLOOR CONFERENCE Rm (SEC E)</u> <u>SHOP BENCHES</u>		<input type="checkbox"/>	
CAS <u> </u> Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>LOK-CEASE 20/20</u> <u>SEVERELY REFINED MINERAL OIL (9042-47-5)</u> <u>CALCIUM CARBONATE (1317-65-3)</u> <u>ZINC OXIDE (1314-13-2)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed (chronic)	<u>01</u> Max Amount (code) <u>01</u> Avg. Amount (code) <u>365</u> No. of Days Present	<u>F14</u> <u>3RD FLOOR CONFERENCE Rm (SEC E)</u>		<input type="checkbox"/>	

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through , and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Anthony Bordenca Plant Manager Anthony Bordenca Signature 5/24/04 Date signed

Name and official title of owner/operator OR owner/operator's authorized representative

OPTIONAL
I have attached a site plan

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO	Facility Identification	Name <u>HAMILTON ASPHALT PLANT</u> Street <u>448 HAMILTON AVE</u> City <u>BROOKLYN</u> State <u>NY</u> Zip+4 <u>11232</u> Telephone <u>(718) 369-4246</u> County <u>KINGS</u> SIC Code <u>0047</u> Dun & Brad. Number <u> </u>	Owner/Operator	Name <u>NYC DOT</u> Phone <u>(718) 369-4246</u> Mail Address <u>448 HAMILTON AVE</u> <u>BROOKLYN, NY 11232</u>	
			Emergency Contacts	Name <u>ANTHONY BORDENCA</u> Title <u>SUPV.</u> Day Phone <u>(718) 369-4246</u> 24-hr phone <u>(646) 879-1884</u> Name <u>DAVE STERMAN</u> Title <u>SUPV.</u> Day Phone <u>(718) 369-4244</u> 24-hr phone <u>(646) 879-4118</u>	
		For Official Use Only: ID# <u> </u>	Date Received: <u> </u>		

Chemical Description	Physical and Health Hazards <small>Check all that apply</small>	Inventory	Storage Codes and Locations (Non-Confidential) <small>Storage Locations</small>	OPTIONAL
CAS <u> </u> Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>FREE W-MOLY AEROSOL</u> <u>ALIPHATIC PET. DISTILLATE (64742-88-7)</u> <u>OIL SOLUBLE SULFONATE (68608-26-4)</u> <u>ETHYL ACETATE (141-78-6)/BUTANE (106-97-6)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>01</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	Container Pressure Temperature <u>F14</u> <u>3RD FLOOR CONFERENCE Rm (SECE)</u> <u>SHOP BENCHES</u>	Check box if information submitted is identical to last year <input type="checkbox"/>
CAS <u> </u> Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>WD-40</u> <u>ALIPHATIC PETROL. DISTILLATES (8052-41-3)</u> <u>PETROL. BASE OIL (64742-65-0)</u> <u>HYDROCARBON FLUID (64742-47-8)/CARBON DIOXIDE (124-38-9)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>01</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	Container Pressure Temperature <u>F14</u> <u>3RD FLOOR CONFERENCE Rm (SECE)</u> <u>SHOP BENCHES</u>	Check box if information submitted is identical to last year <input type="checkbox"/>
CAS <u> </u> Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>LPS CLEANER/DEGREASER</u> <u>ALIPHATIC HYDROCARBON (64742-47-8), ALKYL ACETATE (108419-34-7), DIPROPYLENE GLYCOL (29911-28-2)/CARBON DIOXIDE (124-38-9)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>01</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	Container Pressure Temperature <u>F14</u> <u>3RD FLOOR CONFERENCE Rm (SECE)</u>	Check box if information submitted is identical to last year <input type="checkbox"/>

Certification (Read and sign after completing all sections) I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through <u> </u> , and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.	OPTIONAL I have attached a site plan <input checked="" type="checkbox"/>
Name and official title of owner/operator OR owner/operator's authorized representative <u>Anthony Bordenca Plant Manager</u>	Signature <u>Anthony Bordenca</u>
	Date signed <u>5/24/04</u>

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO	Facility Identification	Name <u>HAMILTON ASPHALT PLANT</u> Street <u>448 HAMILTON AVE</u> City <u>BROOKLYN</u> State <u>NY</u> Zip+4 <u>11232</u> Telephone <u>(718) 369-4246</u> County <u>KINGS</u> SIC Code <u>0047</u> Dun & Brad. Number 	Owner/Operator Emergency Contacts	Name <u>NYC DOT</u> Phone <u>(718) 369-4246</u> Mail Address <u>448 HAMILTON AVE</u> <u>BROOKLYN, NY 11232</u> Name <u>ANTHONY BORDENCA</u> Title <u>SUPV.</u> Day Phone <u>(718) 369-4246</u> 24-hr phone <u>(646) 879-1884</u> Name <u>DAVE STERMAN</u> Title <u>SUPV.</u> Day Phone <u>(718) 369-4246</u> 24-hr phone <u>(646) 879-4118</u>
For Official Use Only: ID# 		Date Received: 		

Chemical Description	Physical and Health Hazards <i>Check all that apply</i>	Inventory	Storage Codes and Locations (Non-Confidential) <i>Storage Locations</i>	OPTIONAL													
CAS Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>GOOPER LUBE</u> <u>(110-54-3), (74-98-6), (64742-63-8)</u> <u>(8009-03-8), (106-97-8), (64742-65-0), (75-28-5), (9010-79-1)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>01</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">F</td> <td style="width:5%;">1</td> <td style="width:5%;">4</td> <td rowspan="4" style="width:85%; vertical-align: top;"> 3RD FLOOR CONFERENCE Rm (SEC E) SHOP BENCHES </td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	F	1	4	3 RD FLOOR CONFERENCE Rm (SEC E) SHOP BENCHES										Check box if information submitted is identical to last year <input type="checkbox"/>
F	1	4	3 RD FLOOR CONFERENCE Rm (SEC E) SHOP BENCHES														
CAS Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>DARATHENE PLUS AEROSOL</u> <u>(64742-48-9), (64742-52-5), (61790-48-5)</u> <u>(75-28-5), (74-98-6), (64741-89-5), (64741-97-5), (64742-55-8), (64742-53-6)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS	<input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>01</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">F</td> <td style="width:5%;">1</td> <td style="width:5%;">4</td> <td rowspan="4" style="width:85%; vertical-align: top;"> 3RD FLOOR CONFERENCE Rm (SEC E) SHOP BENCHES </td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	F	1	4	3 RD FLOOR CONFERENCE Rm (SEC E) SHOP BENCHES										Check box if information submitted is identical to last year <input type="checkbox"/>
F	1	4	3 RD FLOOR CONFERENCE Rm (SEC E) SHOP BENCHES														
CAS Trade Secret <input checked="" type="checkbox"/> Name(s) of Chemical(s) <u>PREMAURE XTREME #2</u> <u>(64742-54-7), (64742-65-0), (107-41-5),</u> <u>(68608-31-1), (7757-93-9), (68307-88-0)</u> <u>(69649-12-7/68037-01-4)</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release Of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input checked="" type="checkbox"/> Delayed(chronic)	Max Amount (code) <u>01</u> Avg. Amount (code) <u>01</u> No. of Days Present <u>365</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">B</td> <td style="width:5%;">1</td> <td style="width:5%;">4</td> <td rowspan="4" style="width:85%; vertical-align: top;"> BAY #2 (SEC D) SHOP SHELF SHOP BENCHES </td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	B	1	4	BAY #2 (SEC D) SHOP SHELF SHOP BENCHES										Check box if information submitted is identical to last year <input type="checkbox"/>
B	1	4	BAY #2 (SEC D) SHOP SHELF SHOP BENCHES														

Certification (Read and sign after completing all sections) I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.	OPTIONAL I have attached a site plan <input checked="" type="checkbox"/>
Name and official title of owner/operator OR owner/operator's authorized representative: <u>Anthony BORDENCA Plant Manager</u>	Signature: <u>[Signature]</u> Date signed: <u>5/24/04</u>

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO

Facility Identification

Name HAMILTON ASPHALT PLANT Street 448 HAMILTON AVE City BROOKLYN State NY Zip+4 11232 Telephone (718) 369-4246 County KINGS SIC Code 0047 Dun & Brad. Number

Owner/Operator

Name NYC DOT Phone (718) 369-4246 Mail Address 448 HAMILTON AVE BROOKLYN, NY 11232

Emergency Contacts

Name ANTHONY BORDENCA Title SUPV. Day Phone (718) 369-4246 24-hr phone (646) 879-1884 Name DAVE STERMAN Title SUPV. Day Phone (718) 369-4246 24-hr phone (646) 879-4118

For Official Use Only: ID#

Date Received:

Table with 4 columns: Chemical Description, Physical and Health Hazards, Inventory, Storage Codes and Locations (Non-Confidential). Contains 3 rows of chemical data including GE SILICONE II SEALANT, MOBIL THERM 603, and AER-O-FOAM 3% COLD FOAM.

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

ANTHONY BORDENCA PLANT MANAGER Signature Date signed 5/24/04

OPTIONAL

I have attached a site plan

Checked box for site plan attachment

Chapter 41

Community Right-To-Know Regulations

§41-01	Scope and Application
§41-02	Purpose
§41-03	Definitions
§41-04	Hazardous Substance List
§41-05	Facility Inventory Reporting
§41-06	Trade Secrets
§41-07	Labeling Requirements
§41-08	Risk Management Plan Filing
§41-09	Risk Management Plan Review
§41-10	Risk Assessment Program
§41-11	Risk Reduction Program
§41-12	Emergency Response Program
§41-13	[Compliance with OSHA]
§41-14	Penalties

§41-01 Scope and Application. (a) The following rules apply to a responsible party involved in the processing, storage, handling, or use of hazardous substances, extremely hazardous substances, and regulated toxic substances as defined herein.

(b) A responsible party of a facility where a hazardous substance is present at or above the threshold reporting quantity for such substance shall file a facility inventory form with the Department in accordance with §41-05 of this chapter.

(c) A responsible party of a facility where an extremely hazardous substance or regulated toxic substance is present at or above the threshold planning quantity for such substance shall file a risk management plan with the Department in accordance with §§41-08 through 41-12 of this chapter.

§41-02 Purpose. ~~The purpose of this chapter is to protect the public from the dangers associated with hazardous substances, extremely hazardous substances and regulated toxic substances by mitigating the harm posed by the release of such substances. This purpose is achieved by requiring that hazardous substances be reported to the Department and by requiring that~~

risk management plans be filed with the Department when extremely hazardous substances or regulated toxics at or above federal threshold planning quantities are present at a facility.

§41-03 Definitions.

Carcinogen. "Carcinogen" shall mean any substance which meets any of the following criteria: it has been evaluated by the International Agency for Research Against Cancer (IARC), and found to be a carcinogen or potential carcinogen; or it is listed as a carcinogen or potential carcinogen in the latest edition of the Annual Report on Carcinogens published by the National Toxicology Program; or it is cited or regulated as a carcinogen by any federal agency such as the Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), National Cancer Institute (NCI), National Institute for Environmental Health Services (NIEHS), National Institute for Occupational Health and Safety (NIOSH), Food and Drug Administration (FDA), Agency for Toxic Substances and Diseases Registry (ASTDR), or Center for Diseases Control (CDC).

Chemical name. "Chemical name" shall mean the scientific designation of a chemical in accordance with the nomenclature system developed by the International Union of Pure and Applied Chemistry or the Chemical Abstracts Services (CAS) rules of nomenclature.

Combustible. "Combustible" shall mean any liquid which has a flashpoint at or above 100 degrees F (37.8 degrees C) and below 300 degrees F (148 degrees C).

Commissioner. "Commissioner" shall mean the Commissioner of the New York City Department of Environmental Protection.

Compressed gas. "Compressed gas" shall mean a gas or mixture of gases having, in a container, an absolute pressure exceeding 40 psi at 70 degrees F (21.1 degrees C); or a gas mixture of gases having, in a container, an absolute pressure exceeding 140 psi at 130 degrees F (or 54.4 degrees C) regardless of the pressure at 70 degrees (21.1 degrees C); or a liquid having a vapor pressure exceeding 40 psi at 100 degrees F (37.8 degrees C) as determined by ASTM D-323-72.

Corrosive. "Corrosive" shall mean any liquid or solid that causes visible destruction or irreversible alterations in human skin tissue at the site of the contact; or any aqueous solution with a pH less than or equal to 2, or greater than or equal to 12.5, as determined by a pH meter, or equivalent methods; or any liquid that corrodes steel (SAE 1020) at a rate greater than 5.35 mm (0.25 inch) per year at a test temperature of 130 degrees F (55 degrees C).

Covered process. "Covered process" shall mean any process in which there is an extremely hazardous substance or regulated toxic substance present in an amount at or above the threshold planning quantity for that substance.

Department. "Department" shall mean the New York City Department of Environmental Protection.

Emergency response personnel or responders. “Emergency response personnel” or “responders” shall mean any member of the departments of fire, police, environmental protection, health, transportation and sanitation, the division of emergency services of health and hospitals corporation and any other government agency participating in response measures undertaken in connection with a fire, or a spill, or release or threatened release of a hazardous substance into the environment. The term “response measures” shall include actions taken by a city agency within the meaning of subdivision (f) of §24-603 of the New York City Administrative Code.

Equipment. “Equipment” shall mean equipment whose failure or improper operation could directly or indirectly result in a release of an extremely hazardous substance and/or regulated toxic substance from a covered process.

Explosive. “Explosive” shall mean a substance that causes a sudden, almost instantaneous release of pressure, gas, and heat when subjected to sudden shock, pressure, or high temperature.

Extremely hazardous substance. “Extremely hazardous substance” shall mean any substance listed by the United States Environmental Protection Agency as an extremely hazardous substance pursuant to 42 U.S.C. section 11002(a) of the Emergency Planning and Community Right-to-Know Act, as contained in 40 CFR Part 355 Appendix A.

Facility. “Facility” shall mean all buildings, equipment, structures, and other stationary items that are located on a single site or on contiguous or adjacent sites and that are owned, leased or operated by the same person, or by any person which controls, or is controlled by or under common control with, such person, including any building, structure, installation or area involved in the processing, storage, handling, treatment, placement, disposal or use of any hazardous substance.

Facility inventory form (FIF). “Facility inventory form (FIF)” shall mean a standard written form, developed by the department for completion by a responsible party at each privately or publicly owned facility in the City of New York.

Flammable. “Flammable” shall mean any liquid having a flash point below 100 degrees F (37.8 degrees C).

Flash point. “Flash point” shall mean the minimum temperature at which a liquid gives off vapor in a test vessel of sufficient concentration to form an ignitable mixture with air near the surface of the liquid. Such temperature shall be determined: by a Pensky-Martens Closed Cup Tester using the test method specified in ASTM Standard D93-79 or D93-80; or by a Setaflash Closed Cup Tester using the test method specified in ASTM Standard D-3278-78; or by a Tag Closed Cup Tester using the test method specified in ASTM D-56-79.

Hazard analysis. "Hazard analysis" shall mean the step-by-step systematic analysis of covered processes and procedures for handling EHS's and regulated toxic substances to identify the potential mishaps which may occur and their consequences.

Hazardous substance. ~~"Hazardous substance" shall mean~~ any chemical which is a physical hazard or a health hazard and which is listed on the hazardous substance list. The term "hazardous substance" ~~shall not include the following:~~

- (1) any food, food additive, color additive, drug, or cosmetic regulated by the Federal Food and Drug Administration;
- (2) any substance present as a solid in any manufactured item to the extent exposure to the substance does not occur under normal conditions of use;
- (3) any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public;
- (4) any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate consumer;
- (5) any hazardous waste as such term is defined by the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of nineteen hundred seventy-six, as amended (42 U.S.C. §6901, et seq.);
- (6) tobacco or tobacco products;
- (7) wood or wood products;
- ~~(8) articles, which for purposes of this definition shall mean manufactured items which~~
 - ~~(i) are formed to a specific shape or design during manufacture;~~
 - ~~(ii) which have an end use function or functions dependent in whole or in part upon their shape or design during end use; and~~
 - ~~(iii) which do not release, or otherwise result in exposure to, a hazardous substance, under normal conditions of use;~~
- (9) food, drugs, cosmetics, or alcoholic beverages in a retail establishment which are packaged for sale to consumers;
- (10) foods, drugs, or cosmetics intended for personal consumption by employees while in the workplace;
- (11) ~~any consumer product or hazardous substance as those terms are defined in the Consumer Product Safety Act (15 U.S.C. §2051, et seq.) and Federal Hazardous Substances Act (15 U.S.C. §1261, et seq.) respectively, where the employer can demonstrate it is used in the workplace in the same manner as normal consumer use, and which use results in a duration and frequency of exposure which is not greater than exposures experienced by consumers;~~

(12) any drug, as that term is defined in the Federal Food, Drug and Cosmetic Act (21 U.S.C. §301, et seq.), when it is solid, final form for direct administration to a patient.

Hazardous substance list. "Hazardous substance list" shall mean a list of hazardous substances established pursuant to §41-04 of these regulations.

Health hazard. "Health hazard" shall mean a chemical for which there is statistically significant evidence based on at least one study conducted in accordance with established scientific principles that acute or chronic health effects may occur in exposed persons. The term "health hazard" includes chemicals which are carcinogens, toxic or highly toxic agents, reproductive toxins, irritants, corrosives, sensitizers, hepatotoxins, nephrotoxins, neurotoxins, agents which act on the hematopoietic system, and agents which damage the lungs, skin, eyes, or mucous membranes.

Heptatoxin. "Heptatoxin" shall mean a substance that causes liver damage.

Highly toxic agent. "Highly toxic agent" shall mean any substance which has any of the following properties: an LD50 (lethal dose) of less than 50 mg/kg (oral dose in rats); or an LD50 of less than 200 mg/kg (24-hour rabbit skin contact); or an LC50 (lethal concentration) of less than 200 ppm (one-hour inhalation in rats).

Ignitable. "Ignitable" shall mean any substance which has any of the following properties: it is a solid which is capable under standard temperature and pressure of causing fire through friction, absorption of moisture, or spontaneous chemical changes; and which, when ignited, burns so vigorously and persistently that it creates a hazard; or it is flammable compressed gas, as defined in 49 CFR 173.300, and as determined by the test methods described in that regulation; or it is an oxidizer as defined in 49 CFR 173.151.

Irritant. "Irritant" shall mean a substance which is not corrosive but which causes a reversible inflammatory effect on living tissue by chemical action at the site of contact. A substance is a skin irritant if, when tested on the skin of Albino rabbits by methods 16 CFR 1500.41 for four hours exposure or by other appropriate techniques, it results in an empirical score of five or more. A substance is an eye irritant if so determined under the procedure listed in 16 CFR 1500.42 or other appropriate techniques.

Material safety data sheet (MSDS). "Material safety data sheet (MSDS)" shall mean written or printed material concerning a hazardous substance which is identical in form and content to the data sheet described at 29 CFR part 1910.1200 and required under subdivision (a) of §311 of the Emergency Planning and Community Right-To-Know Act of nineteen hundred eighty-six (42 U.S.C. §11001, et seq.)

Mixture. "Mixture" shall mean a combination of two or more substances not involving a chemical reaction.

Mutagen. "Mutagen" shall mean a substance that causes mutations and meets the criteria established by any of the following agencies: the International Agency for Research Against Cancer (IARC), or the National Toxicology Program (NTP), or the National Cancer Institute (NCI), or the National Insti-

tute for Environmental Health Sciences (NIEHS), or the National Institute for Occupational Health and Safety (NIOSH), or the Environmental Protection Agency (EPA), or the Occupational Safety and Health Administration (OSHA), or the Food and Drug Administration (FDA), or the Agency for Toxic Substances and Diseases Registry (ASTDR), or the Center for Diseases Control CDC).

Nephrotoxin. "Nephrotoxin" shall mean a substance that causes kidney damage.

Neurotoxin. "Neurotoxin" shall mean a substance that produces toxic effects on the nervous system.

Off-site area. "Off-site area" shall mean the area beyond the property line of a facility or areas within the property line of a facility to which the public has unrestricted access.

One tenth of one percent substances list. "One tenth of one percent substances list" shall mean a list of hazardous substances compiled pursuant to §24-703 of the New York City Administrative Code set forth in Appendix B to these regulations.

Organic peroxide. "Organic peroxide" shall mean any substance having the bivalent -O-O- structure and which may be considered to be a structural derivative of hydrogen peroxide where one or both of the hydrogen atoms has been replaced by an organic radical.

Oxidizer. "Oxidizer" shall mean a substance other than a blasting agent or explosive as defined in OSHA §1910.109(a) that initiates or promotes combustion in other materials, thereby causing fire either of itself or through the release of oxygen or other gases.

Physical hazard. "Physical hazard" shall mean a chemical for which there is scientifically valid evidence that it is combustible liquid, a compressed gas, explosive, flammable, an organic peroxide, an oxidizer, pyrophoric, unstable (reactive) or water-reactive.

Process. "Process" shall mean any activity involving an extremely hazardous substance or a regulated toxic substance, including any use, storage, manufacturing, handling, or on-site movement of any such substance, or any combination of the foregoing activities. For the purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located in such close proximity to each other at a facility that a fire, explosion, or other catastrophic accident or event could result in a release of an extremely hazardous substance or regulated toxic substance from all such vessels, shall be considered a single process.

Pyrophoric. "Pyrophoric" shall mean a substance that will ignite spontaneously in air at a temperature of 130 degrees F (54.4 degrees C) or below.

Radioactive substance or device. "Radioactive substance or device" shall mean any substance, material or device emitting any particulate or electromagnetic radiations. For purposes of this regulation the term "radioactive substance or device" shall include any substance or device that is the subject of reporting to any of the following agencies:

- (1) New York City Health Department, Bureau of Radiation Control,
- (2) New York State Department of Environmental Conservation, Division of Hazardous Substance Regulation, Bureau of Radiation,
- (3) New York State Department of Labor, Radiological Health Unit, or
- (4) U.S. Nuclear Regulatory Commission.

For purposes of this regulation the term "radioactive substance or device" shall not include a substance, material or device:

- (1) used as a fixed source for diagnostic or therapeutic purposes,
- (2) any consumer product or hazardous substance, as those terms are defined in the Consumer Product Safety Act (15 U.S.C. Section 2051, et seq.) and Federal Hazardous Substances Act (15 U.S.C. Section 1261, et seq.) respectively, where the facility operator can demonstrate it is used in the same manner as a normal consumer use, and which use results in a duration and frequency of exposure which is not greater than exposures experienced by consumers.

Reactive. "Reactive" shall mean any substance which has any of the following properties: it is normally unstable and readily undergoes violent change without detonating; or it reacts violently with water; or it forms potentially explosive mixtures with water; or it is a cyanide or sulfur bearing substance which, when exposed to pH conditions between 2 and 12.5, can generate gases, vapors or fumes in a quantity sufficient to present a danger for human health or the environment; or it is capable of detonation or explosive decomposition or reaction at standard temperature and pressure; or it is a forbidden explosive as defined in 49 CFR 173.88.

Regulated toxic substance. "Regulated toxic substance" shall mean any substance listed by the United States Environmental Protection Agency as a regulated toxic substance pursuant to 42 U.S.C. section 7412(r) of the Clean Air Act, as contained in 40 CFR Part 68.

Release. "Release" shall mean an unplanned release of an EHS and/or regulated toxic substance from a covered process.

Reproductive toxin. "Reproductive toxin" shall mean substances which affect the reproductive capabilities including chromosomal damage (mutations), effects on fetuses (teratogenesis) and other adverse effects on reproductive functions.

Responsible party. "Responsible party" shall mean an owner, operator, manager, or corporate officer of the person who owns, leases or operates a facility, provided that if such facility is leased, the responsible party shall be the lessee of the facility or his or her representative.

Risk management plan. "Risk management plan" shall mean a plan for a facility where an EHS and/or regulated toxic substance is present at or above the TPQ for such substance, prepared in accordance with this chapter and filed with the Department by a responsible party of such facility.

Sanitized. "Sanitized" shall mean a version of a document from which information claimed as trade secret or confidential has been omitted or withheld.

Sensitizer. "Sensitizer" shall mean any substance that causes a substantial proportion of exposed people or animals to develop an allergic reaction in normal tissue after repeated exposure to the substance.

Significant accidental release. "Significant accidental release" shall mean any accidental release of an EHS and/or regulated toxic substance from a covered process that has caused or has the potential to cause adverse effects to human health or the environment in an off-site area or to cause the public to shelter-in-place or be evacuated to avoid such consequences.

Special health hazard. "Special health hazard" shall mean any carcinogen, mutagen, teratogen, radioactive substance or device, or other reproductive hazards as such terms are defined in this section. Substances presenting a special health hazard shall be reported when present at any amount required pursuant to §24-704(a) of the Administrative Code.

Special physical hazard. "Special physical hazard" shall mean any water reactive, flammable, organic peroxide, oxidizer, pyrophoric, or ignitable as defined in this section.

Specific chemical identity. "Specific chemical identity" shall mean the chemical name, Chemical Abstracts Service (CAS) Registry Number, or any other information that reveals the precise chemical designation of the substance.

Storage vessel. "Storage vessel" shall mean any vessel that contains or is designated to contain an EHS or regulated toxic substance.

Teratogen. "Teratogen" shall mean any substance which affects the development of the fetus.

Threshold Planning Quantity (TPQ). "Threshold Planning Quantity" (TPQ) shall mean the amount of an EHS and/or regulated toxic substance above which a responsible party of a facility where such substance is present must submit a risk management plan to the Department.

(1) The TPQ's for EHS's are set forth in federal regulations contained in 40 CFR Part 355 Appendix A. The TPQ's for an EHS should be determined in accordance with the provisions of such Appendix.

(2) The TPQ's for regulated toxic substances are set forth in federal regulations contained in 40 CFR Part 68. The TPQ for a regulated toxic substance should be determined in accordance with the provisions of such part.

(3) Where a substance is classified as both an EHS and a regulated toxic substance and different TPQ's have been established, the lower TPQ shall apply.

Threshold reporting quantities. "Threshold reporting quantities" shall mean the amount of a substance above which this substance must be reported when it is present in pure form or in a mixture.

Toxic agent. "Toxic agent" shall mean any substance which has any of the following properties: an LD50 between 50 mg/kg and 500 mg/kg (oral dose in rats); or an LD50 between 200 mg/kg and 1000 mg/kg (24-hour rabbit skin contact); or an LC50 (lethal concentration) between 200 ppm and 2000 ppm (one-hour inhalation in rats).

Trade secret. "Trade secret" shall mean any confidential formula, pattern, process, device, information or compilation of information that is used in a submitter's business, and that gives the submitter an opportunity to obtain an advantage over competitors who do not know or use it.

Unstable substance. "Unstable substance" shall mean any substance which in the pure state, or as produced or transported, will vigorously polymerize, decompose, condense or become half-reactive under conditions of shock, pressure, or high temperature.

Unusual physical hazard. "Unusual physical hazard" shall mean any explosive or unstable substance as such terms are defined in this section.

Worst-case release. "Worst-case release" shall mean the instantaneous release of the entire quantity of an EHS and/or regulated toxic substance from a covered process.

§41-04 Hazardous Substance List. (a) The following Hazard Substance List is established pursuant to and in compliance with §§24-702(j) and 24-703 of the New York City Administrative Code.

(b) Substances on the following list (including mixtures containing such substances) shall be reported pursuant to §§24-703 and 24-706 of the New York City Administrative Code, except that a substance need not be reported if:

(1) it is not a hazardous substance as defined in §41-03, or

(2) it is a fossil fuel, petroleum product or combustible or flammable chemical or material, the manufacture, transportation, or storage of which is subject to the jurisdiction of the Fire Department pursuant to Title 27 of the New York City Administrative Code.

(c) The New York City Community Right-To-Know Hazardous Substance List, the list of synonyms, and one percent (%) substances list, as published in the City Record on November 7, 1988 and December 15, 1988 are repealed. They are replaced by the following New York City Community Right-To-Know Hazardous Substance List.

Table follows on page 6578.1:

(d) Specific threshold reporting quantities were assigned for the hazard categories. Each category has the inherent property of presenting a level of concern when a given substance from that category is present in a quantity greater than a specific amount. That quantity is defined as the threshold reporting quantity ("at any amount") is established pursuant to the requirements of the Administrative Code, §24-704(a). The current threshold reporting quantity of 500 pounds was kept for substances presenting health or physical hazard not otherwise specified. Other hazard categories include the following groups and their threshold reporting quantity indicated in brackets: unusual physical hazards [1 pound], special physical hazard [10 pounds], health hazards [100 pounds], physical hazards [500 pounds].

(e) *Calculation of quantity present in a mixture:*

(1) If a container or storage vessel holds a mixture or solution of a hazardous substance, then the concentration of hazardous substance, in weight percent, shall be multiplied by the mass (in pounds) in the vessel to determine to actual quantity of hazardous substance therein.

(2) If the specific concentration in weight percent is unknown and cannot be obtained from the manufacturer, the owner or operator shall assume that the hazardous substance is present at a maximum concentration provided by the manufacturer.

(3) If the maximum concentration is not available, the owner or operator shall assume that the concentration is proportional to the number of ingredients listed on the Material Safety Data Sheet.

(f) *Framework for the development of Threshold Reporting Quantities.*

Pursuant to §24-703 of the Administrative Code, DEP has established Threshold Reporting for all substances appearing on the Hazardous Substance List by using the following hazard categories:

(continued on next page)

S A R A NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW					
RQ	TPQ	§13	TRQ	CAS	Common Chemical Name
					Substances are listed in alphabetical order. A CAS number may appear on the list more than once, because a common name, chemical name and synonym may be provided. Certain chemical names are very long and may occupy more than one line; the second and following lines are indented.
				CAS	"Chemical Abstracts Service" number, assigned for purposes of identification. If two substances have the same CAS number, the names are synonyms. The list contains entries without a CAS number, called "generic," these listings refer to a group of substances rather than to a single specific substance. A substance should be reported by the generic name only if a specific chemical common name and CAS number cannot be located.
			TRQ		TRQ means "Threshold Reporting Quantity." An amount entered in this column reads in pounds and indicates the substance requires reporting and labeling under the City law. TRQ's can be interpreted as indications of hazard; the lower a substance's TRQ, the greater its potential hazard.
		§13			A star (*) in this column means the substance is reportable under §313 SARA Title III.
	TPQ*				TPQ means "Threshold Planning Quantity." An amount entered in this column reads in pounds and indicates the substance is an Extremely Hazardous Substance (EHS), and may require reporting under sections 302, 304 & 312 of SARA Title III. A TPQ with a slash (/) indicates a "split" TPQ. The number to the left of the slash is the substance's TPQ only if the substance is present in the form of a fine powder (particle size less than 100 microns), molten or in solution, or reacts with water (NFPA rating = 2, 3 or 4). The TPQ is 10,000 lb if the substance is present in other forms.
RQ*					RQ means "Reportable Quantity." An amount entered in this column indicates the substance may be reportable under §304 of SARA Title III. Amount is in pounds, a "K" represents 1,000 pounds. An asterisk following the Reporting Quantity (i.e. 5000*) will indicate that reporting of releases is <u>not</u> required if the diameter of the pieces of the solid metal released is equal to or exceeds 100 micrometers (0.004 inches).

NOTE: The following substances are included in the CERCLA hazardous substance list and have RQ's of one pound: Fine mineral fibers, Polycyclic Organic Matter, Radio nuclides (including radon); See Clean Air Act Amendments of November 1990.

*Be advised that under Federal guidelines values in the TPQ and RQ columns may be subject to changes during a reporting period. Facilities are responsible for updating their inventories accordingly.

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

100			500	83329	ACENAPHTHENE
5K			500	208968	ACENAPHTHYLENE
			10	105577	ACETAL
1K		*	0	75070	ACETALDEHYDE
			100	75398	ACETALDEHYDE AMMONIA
			0	107200	ACETALDEHYDE, CHLORO-
			10	107299	ACETALDEHYDE OXIME
			10	107299	ACETALDEHYDE, OXIME
5K			100	75876	ACETALDEHYDE, TRICHLORO-
			10	107299	ACETALDOXIME
1		*	0	60355	ACETAMIDE
			0	56757	ACETAMIDE, 2,2-DICHLORO-N- 2-HYDROXY-1-(HYDROXYMETHYL)-2-(4-NITROPHENYL)ETHYL-
			0	127195	ACETAMIDE, N,N-DIMETHYL-
100			0	62442	ACETAMIDE, N-(4-ETHOXYPHENYL)-
1		*	0	53963	ACETAMIDE, N-9H-FLUOREN-2-YL-
1K			100	591082	ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
		*	0	2832408	ACETAMIDE, N- 4- (2-HYDROXY-5-METHYLPHENYL)AZO PHENYL -
5K			0	64197	ACETIC ACID
5K			500	631618	ACETIC ACID, AMMONIUM SALT
5K			10	108247	ACETIC ACID, ANHYDRIDE
			10	105362	ACETIC ACID, BROMO-, ETHYL ESTER
			100	96322	ACETIC ACID, BROMO-, METHYL ESTER
5K			10	123864	ACETIC ACID, BUTYL ESTER
10		*	0	543908	ACETIC ACID, CADMIUM SALT
1	100/	*	100	79118	ACETIC ACID, CHLORO-
			10	2549511	ACETIC ACID, CHLORO-, ETHENYL ESTER
			10	105395	ACETIC ACID, CHLORO-, ETHYL ESTER
			100	96344	ACETIC ACID, CHLORO-, METHYL ESTER
			10	105486	ACETIC ACID, CHLORO-, 1-METHYLETHYL ESTER
			100	3926623	ACETIC ACID, CHLORO-, SODIUM SALT
1K		*	0	1066304	ACETIC ACID, CHROMIUM (3+) SALT
100		*	100	142712	ACETIC ACID, COPPER(II) SALT
		*	10	105566	ACETIC ACID, CYANO-, ETHYL ESTER
			100	622457	ACETIC ACID, CYCLOHEXYL ESTER
			10	79436	ACETIC ACID, DICHLORO-
			100	116541	ACETIC ACID, DICHLORO-, METHYL ESTER
100		*	0	94757	ACETIC ACID, (2,4-DICHLORO-PHENOXY)-
5K			10	540885	ACETIC ACID, 1,1-DIMETHYLETHYL ESTER
5K	1K	*	1	108054	ACETIC ACID ETHENYL ESTER
5K			0	141786	ACETIC ACID ETHYL ESTER
1	10/		10	144490	ACETIC ACID, FLURO-
			100	23745860	ACETIC ACID, FLURO-, POTASSIUM SALT
10	10/		0	62748	ACETIC ACID, FLURO-, SODIUM SALT
			100	68111	ACETIC ACID, MERCAPTO-
1	500/	*	0	1600277	ACETIC ACID, MERCURY(2+) SALT
			10	79209	ACETIC ACID, METHYL ESTER
			10	108214	ACETIC ACID, 1-METHYLETHYL ESTER
5K			10	105464	ACETIC ACID, 1-METHYLPROPYL ESTER
5K			10	110190	ACETIC ACID, 2-METHYLPROPYL ESTER
5K			10	628637	ACETIC ACID, PENTYL ESTER
5K			10	626380	ACETIC ACID, sec-PENTYL ESTER
			10	591877	ACETIC ACID, 2-PROPENYL ESTER
			10	109604	ACETIC ACID, PROPYL ESTER
			100	76039	ACETIC ACID, TRICHLORO-
			500	598992	ACETIC ACID, TRICHLORO-, METHYL ESTER
1K			0	93765	ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-
1K			500	25168154	ACETIC ACID (2,4,5-TRICHLOROPHENOXY)-ISOOCTYL ESTER
			100	93787	ACETIC ACID (2,4,5-TRICHLOROPHENOXY)-ISOPROPYL ESTER
			100	76051	ACETIC ACID, TRIFLUORO-
1K		*	0	557346	ACETIC ACID, ZINC SALT
5K			10	108247	ACETIC ANHYDRIDE
			500	513860	ACETOIN
5K		*	10	67641	ACETONE
10	1K		100	75865	ACETONE CYANOHYDRIN
		*	10		ACETONE OIL
1	1K/		100	1752303	ACETONE THIOSEMICARBAZIDE
5K		*	0	75058	ACETONITRILE
		*	100	5798798	ACETONITRILE, BROMOPHENYL
		*	100	107142	ACETONITRILE, CHLORO-
			10	926647	ACETONITRILE, (DIMETHYLAMINO)-
1	1K	*	1	107164	ACETONITRILE, HYDROXY-

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

100			0	62442	ACETOPHENETIDIN
5K			100	98862	ACETOPHENONE
			1	644315	ACETOZONE
			100	123546	ACETYLACETONE
			10	37187227	ACETYL ACETONE PEROXIDE
1		*	0	53963	2-ACETYLAMINOFLUORENE
			1	644315	ACETYL BENZOYL PEROXIDE
5K			10	506967	ACETYL BROMIDE
			100	598210	ACETYL BROMIDE, BROMO-
5K			10	75365	ACETYL CHLORIDE
5K			100	79049	ACETYL CHLORIDE, CHLORO-
			100	79367	ACETYL CHLORIDE, DICHLORO-
			100	76028	ACETYL CHLORIDE, TRICHLORO-
1	500		10	3179564	ACETYL CYCLOHEXANE SULFONYL PEROXIDE
			10	74862	ACETYLENE
		*	10	540590	ACETYLENE DICHLORIDE
			100	79276	ACETYLENE TETRABROMIDE
			10	507028	ACETYL IODIDE
			500	513860	ACETYL METHYL CARBINOL
			10	110225	ACETYL PEROXIDE
			0	50782	ACETYLSALICYLIC ACID
			100	12788931	ACID BUTYL PHOSPHATE
			10		ACID MIXTURES, NITRATING
			10		ACID MIXTURES, SPENT, NITRATING
			100		ACIDS, LIQUID, n.o.s.
			100	64742241	ACID SLUDGE
			100	260946	ACRIDINE
1	500	*	0	107028	ACROLEIN
5K	1K/	*	0	79061	ACRYLAMIDE
5K		*	1	79107	ACRYLIC ACID
100	10K	*	0	107131	ACRYLONITRILE
1	100		100	814686	ACRYLYL CHLORIDE
			0	50760	ACTINOMYCIN D
		*	10		ADHESIVES, CONTAINING FLAMMABLE LIQUID
5K			100	124049	ADIPIC ACID
1	1K		100	111693	ADIPONITRILE
			0	23214928	ADRIAMYCIN
			0	7220817	AFLATOXIN B2
			0	1165395	AFLATOXIN G1
			1		AGENTS, BLASTING
			500		AIR, COMPRESSED
			500		AIR, REFRIGERATED LIQUID
			10		ALCOHOL, DENATURED
			0	64175	ALCOHOL (ETHYL)
			10		ALCOHOL, n.o.s.
			100	75398	ALDEHYDE AMMONIA
		*	100		ALDEHYDES, n.o.s.
			100		ALDEHYDE, TOXIC, n.o.s.
1	100/		0	116063	ALDICARB
		*	100	107891	ALDDL, (3-HYDROXYBUTYRALDEHYDE)
			0	555306	ALDOMET
1	500/	*	0	309002	ALDRIN
			10	8032324	ALIPHATIC NAPHTHA
			10		ALKALI METAL ALLOYS, LIQUID
			10		ALKALI METAL AMALGAM, n.o.s.
			10		ALKALI METAL AMIDES, n.o.s.
			10		ALKALI METAL DISPERSIONS, n.o.s. or ALKALI EARTH
			10		ALKALINE BOILER or WATER TREATMENT COMPOUND
			100		ALKALINE CORROSIVE LIQUID, n.o.s.
		*	10		ALKALINE EARTH METAL ALLOYS, n.o.s.
			10		ALKALINE EARTH METAL AMALGAMS, n.o.s.
			10		ALKALINE EARTH METAL DISPERSIONS, n.o.s.
			10		ALKALOID, SALTS, n.o.s., POISONOUS
			10		ALKALOIDS, n.o.s. or ALKALOID SALTS, n.o.s., POISONOUS
			100	75752	ALKANE SULFONIC ACID
			10		ALKYLAMINES or POLYALKYLAMINES, n.o.s., CORROSIVE flash point above 23C and boiling point above 35C but no more than 200C
			10		ALKYLAMINES or POLYALKYLAMINES, n.o.s., flash point above 23C and boiling point above 35C but no more than 200C
			10		ALKYLAMINES or POLYALKYLAMINES, n.o.s., flash point below 23C and boiling point above 35C but no more than 200C

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RD	TPQ	313	TRQ	CAS	Common or Chemical Name

			10		ALKYL, ARYL, or TOLUENE SULFONIC ACID, LIQUID containing more than 5% free sulfuric acid
			10		ALKYL, ARYL, or TOLUENE SULFONIC ACID, LIQUID containing not more than 5% free sulfuric acid
			10		ALKYL, ARYL, or TOLUENE SULFONIC ACID, SOLID containing more than 5% free sulfuric acid
			10		ALKYL, ARYL, or TOLUENE SULFONIC ACID, SOLID containing not more than 5% free sulfuric acid
			10		ALKYL PHENOL, n.o.s.
			0	584792	ALLETHRIN
			10	591877	ALLYL ACETATE
100	1K	*	0	107186	ALLYL ALCOHOL
1	500		500	107119	ALLYL AMINE
			10	106956	ALLYL BROMIDE
	1K	*	0	107051	ALLYL CHLORIDE
			10	2937500	ALLYL CHLOROCARBONATE
			10	557404	ALLYL ETHER
			1	557313	ALLYL ETHYL ETHER
			10	1838591	ALLYL FORMATE
			0	106923	ALLYL GLYCIDYL ETHER
			10	556569	ALLYL IODIDE
		*	0	57067	ALLYL ISOTHIOCYANATE
			100	2179591	ALLYL PROPYL DISULFIDE
			10	107379	ALLYL TRICHLOROSILANE
			0	28981977	ALPRAZOLAM
			10	16853853	ALUMINATE(1-), TETRAHYDRO-, LITHIUM, (T-4)-
			10	13770962	ALUMINATE(1-), TETRAHYDRO-, SODIUM, (T-4)-
		*	10		ALUMINUM ALKYL
			10		ALUMINUM ALKYL CHLORIDE
		*	10		ALUMINUM ALKYL HALIDE
			10		ALUMINUM ALKYL HALIDES, IN SOLUTION
			10		ALUMINUM ALKYL HALIDES, PURE
			10		ALUMINUM ALKYL
			10	16962075	ALUMINUM BOROHYDRIDE
			10	7727153	ALUMINUM BROMIDE
			10	12656438	ALUMINUM CARBIDE
			0	7446700	ALUMINUM CHLORIDE
			10	96106	ALUMINUM, CHLORODIETHYL-
			10	563439	ALUMINUM, DICHLOROETHYL-
			10	12003417	ALUMINUM FERROSILICON
			100	7784181	ALUMINUM FLUORIDE
		*	1	7429905	ALUMINUM (fume and dust)
			10	7784216	ALUMINUM HYDRIDE
			10	12003417	ALUMINUM IRON SILICIDE
			10	16853853	ALUMINUM LITHIUM HYDRIDE
			10	13473900	ALUMINUM NITRATE
			100	1344281	ALUMINUM OXIDE
			100	7784307	ALUMINUM PHOSPHATE
100	500		10	20859738	ALUMINUM PHOSPHIDE
		*	100		ALUMINUM PHOSPHIDE PESTICIDE
			10		ALUMINUM POWDER, COATED
		*	10		ALUMINUM POWDER, UNCOATED, NON-PYROPHORIC
			10	61789659	ALUMINUM RESINATE
			10	12042556	ALUMINUM SILICIDE
			10	50810258	ALUMINUM SILICIDE
			10	57485311	ALUMINUM SILICIDE
			10	12042556	ALUMINUM SILICON
			10	50810258	ALUMINUM SILICON
			10	57485311	ALUMINUM SILICON
	5K		500	10043013	ALUMINUM SULFATE
			10	1116707	ALUMINUM, TRIBUTYL-
			10	12075682	ALUMINUM, TRICHLOROTRIETHYLDI-
			10	12542857	ALUMINUM, TRICHLOROTRIMETHYLDI-
			10	97938	ALUMINUM, TRIETHYL-
			10	75241	ALUMINUM, TRIMETHYL-
			10	102670	ALUMINUM, TRIPROPYL-
			10	100992	ALUMINUM, TRIS(2-METHYLPROPYL)-
			0		2,4,5-T AMINE
		*	0	117793	2-AMINOANTHRAQUINONE
		*	0	60093	4-AMINOAZOBENZENE
			10	69910	alpha-AMINO-BENZENEACETIC ACID

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RD	TPQ	313	TRQ	CAS	Common or Chemical Name
1		*	0	92671	4-AMINOBIHENYL
			100	95852	2-AMINO-4-CHLOROPHENOL
			10	140807	2-AMINO-5-DIETHYL AMINOPENTANE
1		*	0	92671	4-AMINODIPHENYL
			100	929066	2-(2-AMINOETHOXY)ETHANOL
			100	111411	AMINOETHYLETHANOLAMINE
			100	140318	N-AMINOETHYLPIPERAZINE
		*	0	82280	1-AMINO-2-METHYLANTRAQUINONE
			500	551166	6-AMINO-PENICILLANIC ACID
			0	27598852	AMINOPHENOLS
			100	4985857	AMINOPROPYLDIETHANOLAMINE
			100	123002	AMINOPROPYLMORPHOLINE
1	500/		0	54626	AMINOPTERIN
			100	504290	2-AMINOPYRIDINE
			100	462088	3-AMINOPYRIDINE
1K	500/		100	504245	4-AMINOPYRIDINE
10			0	61825	AMINOTRIAZOLE
1	500		100	78535	AMITON
1	100/		100	3734972	AMITON OXALATE
10			0	61825	AMITROL
100	500	*	100	7664417	AMMONIA
5K			500	631618	AMMONIUM ACETATE
			0	7784443	AMMONIUM ARSENATE
5K			500	1863634	AMMONIUM BENZOATE
5K			500	1066337	AMMONIUM BICARBONATE
10		*	10	7789095	AMMONIUM BICHROMATE
100			100	1341497	AMMONIUM BIFLUORIDE
			100	7803636	AMMONIUM BISULFATE
5K			100	10192300	AMMONIUM BISULFITE
5K			500	1111780	AMMONIUM CARBAMATE
5K			500	506876	AMMONIUM CARBONATE
5K			100	12125029	AMMONIUM CHLORIDE
5K			1	16919587	AMMONIUM CHLOROPLATINATE
10		*	1	7788989	AMMONIUM CHROMATE
5K			100	3012655	AMMONIUM CITRATE DIBASIC
10		*	10	7789095	AMMONIUM DICHROMATE
			10	2980645	AMMONIUM DINITRO-o-CRESOLATE
			10	2650182	AMMONIUM, ETHYL(4-p-(ETHYL(m-SULFOBENZYL)AMINO)-alpha-(o-SULFOPHENYL) BENZYLIDENE)-2,5-CYCLOHEXADIEN-1-YLIDENE)(m-SULFOBENZYL-,HYDROXIDE, INNER SALT, DIAMMONIUM SALT
			10	3844459	AMMONIUM, ETHYL(4-p-(ETHYL(m-SULFOBENZYL)AMINO)-alpha-(o-SULFOPHENYL) BENZYLIDENE)-2,5-CYCLOHEXADIEN-1-YLIDENE)(m-SULFOBENZYL-,HYDROXIDE, INNER SALT, DISODIUM SALT
1K			100	1185575	AMMONIUM FERRIC CITRATE
			10	5548874	AMMONIUM FERRIC OXALATE
1K			100	2944674	AMMONIUM FERRIC OXALATE
			100	14221477	AMMONIUM FERRIC OXALATE
1K			100	10045893	AMMONIUM FERROUS SULFATE
100			100	12125018	AMMONIUM FLUORIDE
100			100	1341497	AMMONIUM FLUORIDE
5K			100	13826830	AMMONIUM FLUOROBORATE
			100	1309326	AMMONIUM FLUOSILICATE
			100	7803636	AMMONIUM HYDROGEN SULFATE
			100	12124991	AMMONIUM HYDROSULFIDE SOLUTION
1K			100	1336216	AMMONIUM HYDROXIDE
1K			100	7803556	AMMONIUM METAVANADATE
			100	13106768	AMMONIUM MOLYBDATE
100		*	100	15699180	AMMONIUM NICKEL SULFATE
		*	10	6484522	AMMONIUM NITRATE
			10		AMMONIUM NITRATE FERTILIZER
		*	10		AMMONIUM NITRATE FERTILIZER, less than 45% AMMONIUM NITRATE
			10		AMMONIUM NITRATE FERTILIZER (NITROGEN/POTASH or PHOSPHATE)
			10		AMMONIUM NITRATE FERTILIZER, n.o.s.
			10		AMMONIUM NITRATE FERTILIZER, with CALCIUM CARBONATE
		*	10		AMMONIUM NITRATE FERTILIZER, with less than 0.2% COMBUSTIBLE
			1		AMMONIUM NITRATE-FUEL OIL MIXTURES
			10	57608409	AMMONIUM NITRATE PHOSPHATE
			10		AMMONIUM NITRATE - SULFATE MIXTURE
5K			10	14258492	AMMONIUM OXALATE
			100	1113388	AMMONIUM OXALATE
5K			10	5972736	AMMONIUM OXALATE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

5K			100	6009707	AMMONIUM OXALATE
			1	7790989	AMMONIUM PERCHLORATE
			10	13446101	AMMONIUM PERMANGANATE
			10	7727540	AMMONIUM PEROXYDISULFATE
			10	7727540	AMMONIUM PERSULFATE
10			1	131748	AMMONIUM PICRATE
			100	13820412	AMMONIUM PLATINIC CHLORIDE
			1	16919587	AMMONIUM PLATINIC CHLORIDE
			100	12259926	AMMONIUM POLYSULFIDE
			10		AMMONIUM POLYVANADATE
1K			100	16919190	AMMONIUM SILICOFLUORIDE, solid
5K			1	7773060	AMMONIUM SULFAMATE
		*	100	7783202	AMMONIUM SULFATE, solution
100			10	12135761	AMMONIUM SULFIDE
			100	12259926	AMMONIUM SULFIDE
5K			100	10196040	AMMONIUM SULFITE
5K			100	3164292	AMMONIUM TARTRATE
5K			100	14307438	AMMONIUM TARTRATE
			100	13820412	AMMONIUM TETRACHLOROPLATINATE
5K		*	100	1762954	AMMONIUM THIOCYANATE
			100	7783188	AMMONIUM THIOSULFATE
1K			100	7803556	AMMONIUM VANADATE
			100		AMMUNITION, TEAR PRODUCING, NON-EXPLOSIVE
1	1K		10	300629	AMPHETAMINE
			100	69534	AMPICILLIN
			10	137882	AMPROLIUM HYDROCHLORIDE
5K			10	628637	n-AMYL ACETATE
5K			10	626380	sec-AMYL ACETATE
5K			10	625161	tert-AMYL ACETATE
			100	12789467	AMYL ACID PHOSPRATE
			10	71410	AMYL ALCOHOL
			10	110587	AMYL AMINE
			10	9000924	AMYLASE
			10	29756385	n-AMYL BROMIDE
			500	540181	AMYL BUTYRATE
			10	543599	AMYL CHLORIDE
			10	26760645	AMYLENE
			10	25577724	AMYLENE, normal
			10	638493	AMYL FORMATE
			10	110667	AMYL MERCAPTAN
			10	1002160	AMYL NITRATE
			1	110463	AMYL NITRITE
			10	107722	AMYL TRICHLOROSILANE
			0	434071	ANDROSTAN-3-ONE, 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-, (5alpha, 17beta)-
			0	58220	ANDROST-4-EN-5-ONE, 17-HYDROXY-
5K	1K	*	0	62533	ANILINE
			0	142041	ANILINE HYDROCHLORIDE
100		*	0	492808	ANILINE, 4,4'-(IMIDOCARBONYL)BIS(N,N-DIMETHYL)-
		*	0	107611	ANILINE, 4,4'-METHYLENEBIS(N,N-DIMETHYL)-
1	500		100	88051	ANILINE, 2,4,6-TRIMETHYL-
1		*	0	90040	o-ANISIDINE
		*	100	104949	p-ANISIDINE
		*	0	134292	o-ANISIDINE HYDROCHLORIDE
			100	100663	ANISOLE
			1	1300647	ANISOYL CHLORIDE
5K		*	100	120127	ANTHRACENE
		*	0	117793	9,10-ANTHRACENEDIONE, 2-AMINO-
		*	0	82280	9,10-ANTHRACENEDIONE, 1-AMINO-2-METHYL-
			500	84651	ANTHRAQUINONE
			10		ANTI-FREEZE
100		*	100	28300745	ANTIMONATE(2-), BIS .mu.-2,3-DIHYDROXYBUTANEDIOATO(4-)-01, 02:03,04 DI-, DIPOTASSIUM, TRIHYDRATE, stereoisomer
5K*		*	100	7440360	ANTIMONY
1K		*	100	7647189	ANTIMONY CHLORIDE
1			10		ANTIMONY compounds
1	500	*	100	7783702	ANTIMONY FLUORIDE
		*	100	58164888	ANTIMONY LACTATE
1K		*	500	1309644	ANTIMONY OXIDE
1K		*	100	7647189	ANTIMONY PENTACHLORIDE
1	500	*	100	7783702	ANTIMONY PENTAFLUORIDE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
100		*	100	28300745	ANTIMONY POTASSIUM TARTRATE
1K		*	10	7789619	ANTIMONY TRIBROMIDE
1K		*	10	10025919	ANTIMONY TRICHLORIDE
1K		*	100	7783564	ANTIMONY TRIFLUORIDE
1K		*	500	1309644	ANTIMONY TRIOXIDE
1	1K/		100	1397940	ANTIMYCIN
100	500/		0	86884	ANTU
			100	8007565	AQUA REGIA
			0	140578	ARAMITE
			500	7440371	ARGON
		*	0		AROCOR
		*	0	10031137	ARSENENOUS ACID, LEAD(2+) SALT
1	500/	*	0	7784465	ARSENENOUS ACID, SODIUM SALT
1*		*	0	7440382	ARSENIC
		*	0	1327522	ARSENIC ACID
1		*	0	7778394	ARSENIC ACID
1	500/	*	0	7778441	ARSENIC ACID, CALCIUM SALT
		*	0	10290127	ARSENIC ACID, COPPER (2+) SALT (1:1)
		*	0	7784443	ARSENIC ACID, DIAMMONIUM SALT
1		*	0	7784409	ARSENIC ACID, LEAD SALT
		*	0	10102495	ARSENIC ACID, IRON(III) SALT (1:1)
		*	0	10102508	ARSENIC ACID, IRON(II) SALT (2:3)
		*	0	10103501	ARSENIC ACID, MAGNESIUM SALT
1		*	0	7784374	ARSENIC ACID, MERCURY(2+) SALT (1:1)
1		*	0	7784410	ARSENIC ACID, MONOPOTASSIUM SALT
1	500/	*	0	10124502	ARSENIC ACID, POTASSIUM SALT
1	1K/	*	0	7631892	ARSENIC ACID, SODIUM SALT
			10		ARSENICAL DUST or FLUE DUST
1			10		ARSENIC compounds
		*	0		ARSENICAL PESTICIDE, FLAMMABLE LIQUID, n.o.s., flash point below 23C
		*	0		ARSENICAL PESTICIDE, FLAMMABLE LIQUID, n.o.s., flash point between 23C and 61C
			10		ARSENICAL PESTICIDE, LIQUID, TOXIC, n.o.s.
			10		ARSENICAL PESTICIDE, SOLID, TOXIC, n.o.s.
		*	0	7784330	ARSENIC BROMIDE
		*	0	37226496	ARSENIC CHLORIDE
		*	0	56320220	ARSENIC DISULFIDE
		*	0	7784454	ARSENIC IODIDE
1	100/	*	0	1327533	ARSENIC OXIDE
1	100/	*	0	1303282	ARSENIC OXIDE
1	100/	*	0	1303282	ARSENIC PENTOXIDE
		*	0	56320220	ARSENIC SULFIDE
1		*	0	1303339	ARSENIC SULFIDE
		*	0	60646368	ARSENIC TRICHLORIDE
1	500	*	0	7784341	ARSENIC TRICHLORIDE
1	100/	*	0	1327533	ARSENIC TRIOXIDE
1		*	0	1303339	ARSENIC TRISULFIDE
		*	0	10326246	ARSENIOUS ACID, ZINC SALT
		*	0	7784089	ARSENIOUS ACID, TRISILVER(1+) SALT
1	100/	*	0	1327533	ARSENIOUS OXIDE
		*	0	7784330	ARSENIOUS TRIBROMIDE
1	500	*	0	7784341	ARSENIOUS TRICHLORIDE
		*	0	60646368	ARSENIOUS TRICHLORIDE
		*	0	7784454	ARSENIOUS TRIIODIDE
1	100		0	7784421	ARSINE
1			10	692422	ARSINE, DIETHYL-
			0	75605	ARSINIC ACID, DIMETHYL-
1	100/		100	124652	ARSINIC ACID, DIMETHYL-, SODIUM SALT
			100	712481	ARSONOUS CHLORIDE, DIPHENYL-
			100	127855	ARSONIC ACID AMINO PHENYL MONOSODIUM SALT
1			0	52740166	ARSONIC ACID, CALCIUM SALT
			10	598141	ARSONOUS DICHLORIDE, ETHYL-
			100	593895	ARSONOUS DICHLORIDE, METHYL-
1	500		100	696286	ARSONOUS DICHLORIDE, PHENYL-
			0	12172735	ASBESTOS, AMOSITE
			0	77536675	ASBESTOS, ANTBOPHYLLITE
			0	12001284	ASBESTOS, BLUE
			0	12001295	ASBESTOS, CHRYSOTILE
			0	12001284	ASBESTOS, CROCIDOLITE
1		*	0	1332214	ASBESTOS (friable)
			0	12172735	ASBESTOS, GRUNERITE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1			0	1332214	ASBESTOS, TREMOLITE
			0	12001295	ASBESTOS, WHITE
100		*	500	105679	AS-m-XYLENOL
			100	9015683	ASPARAGINASE
			500	8052424	ASPHALT FUMES
			500	8052424	ASPHALT (PETROLEUM DERIVED)
			0	1912249	ATRAZINE
100		*	0	492808	AURAMINE
1K	500/		100	504245	AVITROL
1			0	115026	AZASERINE
			0	446866	AZATHIOPRINE
1			100	105602	AZEPIN-2-ONE, HEXAHYDRO-
1	100/		100	2642719	AZINPHOS-ETHYL
1	10/		0	86500	AZINPHOS-METHYL
1	500	*	0	151564	AZIRIDINE
1	10K	*	0	75558	AZIRIDINE METHYL
			0	52244	AZIRIDINE, 1,1'1'-PHOSPHINOTHIOYLIDYNETRIS-
			0	545551	AZIRIDINE, 1,1'1'-PHOSPHINYLDYNETRIS-
			0	545551	AZIRIDINYL PHOSPHINE OXIDE (TRIS)
10	500/		0	50077	AZIRINO (2',3':3,4) PYRROLO (1,2-A) INDOLE-4,7-DIONE, 6-AMINO-8-a (((AMINOCARBONYLOXY)METHYL)-1,1A,2,8,8A,8B-HEXAHYDRO-8-A- METHOXY-5-METHYL-, (1as-(1a alpha, 8 beta, 8a alpha, 8b alpha))-
			1	15545978	2,2'-AZODI-(2,4-DIMETHYL-4-METHOXYVALERONITRILE)
			1	28604913	2,2'-AZODI-(2,4-DIMETHYLVALERONITRILE)
			10	2551148	AZODI-(1,1'-HEXAHYDROBENZONITRILE)
			1	78671	AZODIISOBUTYRONITRILE
			10		AZODI (2-METHYLBUTYRONITRILE)
			100	1395217	BACILLUS SUBTILIS BPN
			500	1405874	BACITRACIN
		*	10	7440393	BARIUM
			10		BARIUM ALLOYS, NON-PYROPHORIC
			10		BARIUM ALLOYS, PYROPHORIC
		*	1	18810587	BARIUM AZIDE
		*	1	13967903	BARIUM BROMATE
		*	10	13477004	BARIUM CHLORATE
			10		BARIUM COMPOUND
10		*	100	542621	BARIUM CYANIDE
		*	10	13477106	BARIUM HYPOCHLORITE
		*	10	7440393	BARIUM METAL, NON-PYROPHORIC
		*	10	10022318	BARIUM NITRATE
		*	10	1304285	BARIUM OXIDE
		*	10	13465957	BARIUM PERCHLORATE
		*	10	7787362	BARIUM PERMANGANATE
		*	10	1304296	BARIUM PEROXIDE
			10		BARIUM SELENATE
			10		BARIUM SELENITE
		*	0	64093794	BASIC CHROMIUM SULFATE
			100		BATTERY FLUID, ACID
			100		BATTERY FLUID, ALKALI
			100	22781233	BENDIOCARB
			0	17804352	BENOMYL
10			0	56495	BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-
1			0	205992	BENZ(e)ACETPHENATHRYLENE
100			0	225514	BENZ(c)ACRIDINE
5K	500	*	0	98873	BENZAL CHLORIDE
			100	100527	BENZALDEHYDE
		*	0	55210	BENZAMIDE
5K			0	23950585	BENZAMIDE, 3,5-DICHLORO-n-(1,1-DIMETHYL-2-PROPYNYL)-
			0	148016	BENZAMIDE, 2-METHYL-3,5-DINITRO-
			0	366701	BENZAMIDE, N-(1-METHYLETHYL)-4- (2-METHYLHYDRAZINO)METHYL -, MONOHYDRO CHLORIDE
10			0	56553	BENZ(a)ANTHRACENE
1			0	57976	BENZ(a)ANTHRACENE, 7,12-DIMETHYL-
5K	1K	*	0	62533	BENZENAMINE
			500	27134276	BENZENAMINE, AR,AR-DICHLORO-
			100	1300738	BENZENAMINE, AR,AR-DIMETHYL-
			500	1321319	BENZENAMINE, AR-ETHOXY-
			100	27134265	BENZENAMINE, CHLORO-
			100	29027176	BENZENAMINE, 2-CHLORO, 3-METHYL-
			100	615656	BENZENAMINE, 2-CHLORO, 4-METHYL-
			100	95818	BENZENAMINE, 2-CHLORO, 5-METHYL-

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			100	87638	BENZENAMINE, 2-CHLORO, 6-METHYL-
			100	87605	BENZENAMINE, 3-CHLORO, 2-METHYL-
			100	95749	BENZENAMINE, 3-CHLORO, 4-METHYL-
			100	7149759	BENZENAMINE, 4-CHLORO, 3-METHYL-
			500	95794	BENZENAMINE, 5-CHLORO, 2-METHYL-
100			100	3165933	BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
			10	41587364	BENZENAMINE, CHLORONITRO-
			1	26471567	BENZENAMINE, DINITRO-
		*	100	1582098	BENZENAMINE, 2,6-DINITRO-N,N-DIPROPYL-4-(TRIFLUOROMETHYL)-
		*	0	1836755	BENZENAMINE, 4-ETHOXY-N-(5-NITRO-2-FURANYLMETHYLENE -
			100	578541	BENZENAMINE, 2-ETHYL-
			0	142041	BENZENAMINE, HYDROCHLORIDE
	1	*	0	90040	BENZENAMINE, 2-METHOXY-
		*	0	120718	BENZENAMINE, 2-METHOXY-5-METHYL-
		*	0	99592	BENZENAMINE, 2-METHOXY-5-NITRO-
100		*	0	95534	BENZENAMINE, 2-METHYL-
			10	108441	BENZENAMINE, 3-METHYL-
100			0	106490	BENZENAMINE, 4-METHYL-
1		*	0	101779	BENZENAMINE, 4,4'-METHYLENEBIS-
10		*	0	101144	BENZENAMINE, 4,4'-METHYLENEBIS 2-CHLORO-
100		*	0	636215	BENZENAMINE, 2-METHYL-, HYDROCHLORIDE
		*	0	97563	BENZENAMINE, 2-METHYL-4-(2-METHYLPHENYL)AZO -
100			0	99558	BENZENAMINE, 2-METHYL-5-NITRO-
			100	1126789	BENZENAMINE, N-BUTYL
			100	103695	BENZENAMINE, N-ETHYL-
		*	0	135206	BENZENAMINE, N-HYDROXY-N-NITROSO-, AMMONIUM SALT
			500	88744	BENZENAMINE, 2-NITRO-
5K			0	100016	BENZENAMINE, 4-NITRO-
			0	156105	BENZENAMINE, 4-NITROSO-N-PHENYL-
			100	100618	BENZENAMINE, N-METHYL-
			500	643287	BENZENAMINE, N-(1-METHYLETHYL)-
			1	479458	BENZENAMINE, N-METHYL-N,2,4,6-TETRANITRO-
			100	91667	BENZENAMINE, N,N-DIETHYL-
1		*	100	121697	BENZENAMINE, N,N-DIMETHYL-
			0	138896	BENZENAMINE, N,N-DIMETHYL-4-NITROSO-
10		*	0	60117	BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)-
			500	603349	BENZENAMINE, N,N-DIPHENYL-
100		*	0	86306	BENZENAMINE, N-NITROSO-N-PHENYL-
			100	122394	BENZENAMINE, N-PHENYL-
			1	35860312	BENZENAMINE, N-PHENYL-, HEXANITRO derivative
		*	0	101804	BENZENAMINE, 4,4'-OXYBIS-
		*	0	60093	BENZENAMINE, 4-(PHENYLAZO)-
			1	53014372	BENZENAMINE, TETRANITRO-
		*	0	139651	BENZENAMINE, 4,4'-THIOBIS-
			10	88175	BENZENAMINE, 2-(TRIFLUOROMETHYL)-
1	500		100	98168	BENZENAMINE, 3-(TRIFLUOROMETHYL)-
			1	26952421	BENZENAMINE, TRINITRO-
5K		*	100	85449	BENZENECARBOXYLIC ACID ANHYDRIDE
10		*	0	71432	BENZENE
1	500		100	140294	BENZENEACETONITRILE
			100	103800	BENZENEACETYL CHLORIDE
			10	93505	BENZENEAMINE, 4-CHLORO-2-METHOXY-
			10	98055	BENZENEARSONIC ACID
			100	108861	BENZENE, BROMO-
			100	100390	BENZENE, BROMOMETHYL-
			100	776749	BENZENE, 1,1'-(BROMOMETHYLENE)BIS-
			10	586787	BENZENE, 1-BROMO-4-NITRO
100			10	101553	BENZENE, 1-BROMO-4-PHENOXY-
10			0	305033	BENZENEBUTANOIC ACID, 4- BIS(2-CHLOROETHYL)AMINO -
			500	104518	BENZENE, BUTYL-
			10	937144	BENZENECARBOPEROXYIC ACID, 3-CHLORO-
			10	614459	BENZENECARBOPEROXYIC ACID, 1,1-DIMETHYLETHYL ESTER
			10	2618771	BENZENECARBOPEROXYIC ACID, 1,1,4,4-TETRAMETHYL-1,4-
100		*	0	108907	BENZENE, CHLORO-
			10	104836	BENZENE, 1-CHLORO-4-(CHLOROMETHYL)-
			0	25567673	BENZENE, CHLORODINITRO-
			100	1331288	BENZENE, CHLOROETHENYL-
			500	28479223	BENZENE, 2-CHLORO-4-ISOCYANATO-1-METHYL-
100	500	*	0	100447	BENZENE, CHLOROMETHYL-
			100	25168052	BENZENE, CHLOROMETHYL-
			500	95498	BENZENE, 1-CHLORO-2-METHYL-

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name	
1	500/		10	25567684	BENZENE, CHLOROMETHYLNITRO-	
			0	100141	BENZENE, 1-(CHLOROMETHYL)-4-NITRO-	
			0	100005	BENZENE, 1-CHLORO-4-NITRO-	
			0	25167935	BENZENE, CHLORONITRO-	
			100	121175	BENZENE, CHLORO-, NITRO-, (TRIFLUOROMETHYL)-	
			100	121175	BENZENE, 1-CHLORO, 2-NITRO-, 4-(TRIFLUOROMETHYL)-	
			10	777577	BENZENE, 1-CHLORO, 4-NITRO-, 2-(TRIFLUOROMETHYL)-	
			10	39974351	BENZENE, 2-CHLORO, 1-NITRO-, 3-(TRIFLUOROMETHYL)-	
			10	118832	BENZENE, 4-CHLORO, 1-NITRO-, 2-(TRIFLUOROMETHYL)-	
			10	25889387	BENZENE, 4-CHLORO, 2-NITRO-, 1-(TRIFLUOROMETHYL)-	
		*	10	52181518	BENZENE, CHLORO (TRIFLUOROMETHYL)-	
			1	28260619	BENZENE, CHLOROTRINITRO-	
			0	95545	1,2-BENZENEDIAMINE	
			0	108452	1,3-BENZENEDIAMINE	
1		*	0	106503	1,4-BENZENEDIAMINE	
		*	0	615054	1,3-BENZENEDIAMINE, 4-METHOXY-	
10		*	0	25376458	BENZENEDIAMINE, METHYL-	
10		*	0	95807	1,3-BENZENEDIAMINE, 4-METHYL-	
10		*	0	25376458	BENZENEDIAMINE, AR-METHYL-	
			100	140567	BENZENEDIAZOSULFONIC ACID, p-(DIMETHYLAMINO)-, SODIUM SALT	
			500	26249127	BENZENE, DIBROMO-	
			100	626175	1,3-BENZENEDICARBONITRILE	
		*	100	1897456	1,3-BENZENEDICARBONITRILE, 2,4,5,6-TETRACHLORO-	
100		*	0	117817	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	
10		*	0	84742	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER	
1K		*	100	84662	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	
5K		*	0	131113	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER	
5K		*	100	117840	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER	
100		*	100	95501	BENZENE, 1,2-DICHLORO-	
100		*	500	541731	BENZENE, 1,3-DICHLORO-	
100		*	0	106467	BENZENE, 1,4-DICHLORO-	
1			100	72548	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS 4-CHLORO-	
			100	41195908	BENZENE, 1,2-DICHLORO-3-ISOCYANATO-	
1	500/		100	102363	BENZENE, 1,2-DICHLORO-4-ISOCYANATO-	
			100	39920371	BENZENE, 1,3-DICHLORO-2-ISOCYANATO-	
			10	34893920	BENZENE, 1,3-DICHLORO-5-ISOCYANATO-	
			100	5392825	BENZENE, 1,4-DICHLORO-2-ISOCYANATO-	
			100	2612579	BENZENE, 2,4-DICHLORO-1-ISOCYANATO-	
5K	500	*	0	98873	BENZENE, DICHLORO METHYL-	
			100	108576	BENZENE, 1,3-DIETHENYL-	
			100	25340174	BENZENE, DIETHYL-	
100	100	*	0	91087	BENZENE, 1,3-DIISOCYANATO-2-METHYL-	
100	500	*	0	584849	BENZENE, 2,4-DIISOCYANATO-1-METHYL-	
			100	1477550	1,3-BENZENEDIMETHANAMINE	
			100	98511	BENZENE, 1-(1,1-DIMETHYLETHYL)-4-METHYL-	
			500	25168041	BENZENE, DIMETHYLNITRO-	
100			100	25154545	BENZENE, DINITRO-	
			10	25550554	BENZENE, DINITROSO-	
1		*	0	120809	1,2-BENZENEDIOL	
5K			0	108463	1,3-BENZENEDIOL	
1	500/	*	0	123319	1,4-BENZENEDIOL	
			1	35860516	1,3-BENZENEDIOL, DINITRO-	
			0	51434	1,2-BENZENEDIOL, 4-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-	
		*	1	63918978	1,3-BENZENEDIOL, TRINITRO-, LEAD SALT	
		*	10	20062220	BENZENE, 1,1'-(1,2-ETHENEDIYL)-BIS 2,4,6-TRINITRO -	
			0	25013154	BENZENE, ETHENYLMETHYL-	
			10	4732143	BENZENE, 2-ETHOXY-1,3,5-TRINITRO-	
1K		*	0	100414	BENZENE, ETHYL-	
			10	462066	BENZENE, FLURO-	
			10	25496086	BENZENE, FLUOROMETHYL-	
10		*	0	118741	BENZENE, HEXACHLORO-	
1K		*	10	110827	BENZENE, HEXAHYDRO-	
			100	620053	BENZENE, IODOMETHYL-	
		*	100	103719	BENZENE, ISOCYANATO-	
		*	500	71121363	BENZENE, ISOCYANATO (TRIFLUOROMETHYL)-	
1K		*	0	108383	BENZENE, m-DIMETHYL-	
			100	119948	BENZENEMETHANAMINE, N-ETHYL-N-(3-METHYL-PHENYL)-	
			500	92591	BENZENEMETHANAMINE, N-ETHYL-N-PHENYL-	
			100	103833	BENZENEMETHANAMINE, N,N-DIMETHYL-	
			100	98851	BENZENEMETHANOL, alpha-METHYL-	
10		*	500	115322	BENZENEMETHANOL, 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-(TRICHLOROMETHYL)-	

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RO	TPQ	313	TRQ	CAS	Common or Chemical Name

			100	100663	BENZENE, METHOXY-
			0	100174	BENZENE, 1-METHOXY-4-NITRO-
			1	606359	BENZENE, 2-METHOXY-1,3,5-TRINITRO-
1K		*	0	108883	BENZENE, METHYL-
100		*	0	606202	BENZENE, 1-METHYL-2,6-DINITRO-
10		*	0	121142	BENZENE, 1-METHYL-2,4-DINITRO-
100		*	0	606202	BENZENE, 2-METHYL-1,3-DINITRO-
100		*	0	94597	BENZENE, 1,2-METHYLENEDIOXY-4-ALLYL-
100		*	100	120581	BENZENE, 1,2-METHYLENEDIOXY-4-PROPENYL-
10			0	94586	BENZENE, 1,2-METHYLENEDIOXY-4-PROPYL-
			10	98839	BENZENE, (1-METHYLETHENYL)-
5K		*	100	98828	BENZENE, (1-METHYLETHYL)-
			500	25155151	BENZENE, METHYL(1-METHYLETHYL)-
1K			1	1321126	BENZENE, METHYLNITRO-
			0	118967	BENZENE, 2-METHYL-1,3,5-TRINITRO-
1K	10K	*	100	98953	BENZENE, NITRO-
1K		*	0	95476	BENZENE, o-DIMETHYL-
			100	101848	BENZENE, 1,1'-OXYBIS-
			500	55720995	BENZENE, 1,1'-OXYBIS CHLORO-
		*	500	1163195	BENZENE, 1,1'-OXYBIS 2,3,4,5,6-PENTABROMO-
1K		*	0	106423	BENZENE, p-DIMETHYL-
10			500	608935	BENZENE, PENTACHLORO-
100		*	100	82688	BENZENE, PENTACHLORONITRO-
			10	644973	BENZENE PHOSPHOROUS DICHLORIDE
			10	14684254	BENZENE PHOSPHOROUS THIODICHLORIDE
			10	103651	BENZENE, PROPYL-
			500	723466	BENZENESULFONAMIDE, 4-AMINO-N-(5-METHYL-3-(ISOXAZOLYL)-
			0	72140	BENZENESULFONAMIDE, 4-AMINO-N-2-THIAZOLYL-
			100	98113	BENZENESULFONIC ACID
1K			100	27176870	BENZENESULFONIC ACID, DODECYL-
1K			10	26264062	BENZENESULFONIC ACID, DODECYL-, CALCIUM SALT
			10	54590522	BENZENESULFONIC ACID, 4-DODECYL-, compound with 1-AMINO-2-
1K			100	25155300	BENZENESULFONIC ACID, DODECYL-, SODIUM SALT
5K		*	100	127822	BENZENESULFONIC ACID, 4-HYDROXY-, ZINC SALT (2:1)
			100	25231463	BENZENESULFONIC ACID, METHYL-
			100	31212289	BENZENESULFONIC ACID, NITRO- PROPANOL (1:1)
			10	2508192	BENZENESULFONIC ACID, 2,4,6-TRINITRO-
100			1	98099	BENZENE SULFONYL CHLORIDE
			1	2217063	BENZENE, 1,1'-THIOBIS 2,4,6-TRINITRO-
100	500		10	108985	BENZENETHIOL
			10	12002481	BENZENE, TRICHLORO-
			10	87616	BENZENE, 1,2,3-TRICHLORO-
100		*	100	120821	BENZENE, 1,2,4-TRICHLORO-
1		*	0	72435	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS 4-METHOXY-
10	100	*	0	98077	BENZENE, TRICHLOROMETHYL-
			10	98088	BENZENE, TRIFLUOROMETHYL-
			100	25551137	BENZENE, TRIMETHYL-
10			0	99354	BENZENE, 1,3,5-TRINITRO-
1		*	0	92875	BENZIDINE
10		*	100	510156	BENZILIC ACID, 4,4'-DICHLORO-, ETHYL ESTER
5K	500	*	0	98873	BENZILIDEN CHLORIDE
1	500/		100	3615212	BENZIMIDAZOLE, 4,5-DICHLORO-2-(TRIFLUOROMETHYL)
			500	50317	BENZIAC ACID, 2,3,6-TRICHLORO-
100		*	0	81072	1,2-BENZISOTHAZOL-3(2H)-ONE, 1,1-DIOXIDE
			0	57109907	1H-1,4-BENZODIAZEPINE-3-CARBOXYLIC ACID, 7-CHLORO-2, 3-HYDRO-2-OXO-5-PHENYL, MONOPOTASSIUM SALT
			0	58253	3H-1,4-BENZODIAZEPINE, 7-CHLORO-2-(METHYLAMINO)-5-PHENYL-, 4-OXIDE
			100	846504	2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-1-METHYL-5-PHENYL-
			0	604751	2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-
			0	439145	2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-1-METHYL-5-PHENYL-
			100	846491	2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(o-CHLOROPHENYL)-1,3-DIHYDRO-3-HYDROXY-
			0	2955386	2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-1-(CYCLOPROPYLMETHYL)-PHENYL-
			0	17617231	2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(O-FLUOROPHENYL)
			10	23092173	2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-5-PHENYL-1-(2,2-TRIFLUOROETHYL)-
100		*	100	120581	1,3-BENZODIOXOLE, 5-(1-PROPENYL)-
100		*	0	94597	1,3-BENZODIOXOLE, 5-(2-PROPENYL)-
10			0	94586	1,3-BENZODIOXOLE, 5-PROPYL-

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			100	22781233	1,3-BENZODIOXOL-4-OL, 2,2-DIMETHYL-, METHYL CARBAMATE
			0	205992	BENZO(b)FLUORANTHENE
			0	205823	BENZO(j)FLUORANTHENE
100			0	206440	BENZO(jk)FLUORANTHENE
5k			0	207089	BENZO(k)FLUORANTHENE
10	10/		0	1563662	7-BENZOFURANOL, 2,3-DIHYDRO-2,2-DIMETHYL-, METHYL CARBAMATE
5K			0	65850	BENZOIC ACID
			0	50782	BENZOIC ACID, 2-(ACETYLOXY)-
			10	6739624	BENZOIC ACID, 2- 2-AMINO-6- 4'- (3-CARBOXY-4-HYDROXYPHENYL)AZO-3,3'-DIMETHOXY 1,1'-BIPHENYL -4-YL AZO -5-HYDROXY-7-SULFO-1- 1-NAPHTHALENYL AZO -5-NITRO-, TRISODIUM SALT
		*	0	133904	BENZOIC ACID, 3-AMINO-2,5-DICHLORO-
1			10	5422173	BENZOIC ACID, 5- 4'- 8-AMINO-1-HYDROXY-7- (4-NITROPHENYL)AZO - 3,6-DISULFO-2-NAPHTHALENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-, TRISODIUM SALT
			10	25180476	BENZOIC ACID, 5- 4'- 8-AMINO-1-HYDROXY-7- (4-NITROPHENYL)AZO - 3,6-DISULFO-2-NAPHTHALENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY
			10	25188243	BENZOIC ACID, 5- 4'- (2-AMINO-8-HYDROXY-6-SULFO-1-NAPHTHALENYL) AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-
			0	25255065	BENZOIC ACID, 5- 4'- (7-AMINO-1-HYDROXY-3-SULFO-2-NAPHTHALENYL) AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-
			0	2429825	BENZOIC ACID, 5- 4'- (7-AMINO-1-HYDROXY-3-SULFO-2-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-, DISODIUM SALT
			0	2429847	BENZOIC ACID, 5- 4'- (2-AMINO-8-HYDROXY-6-SULFO-1-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-, DISODIUM SALT
5K			500	1863636	BENZOIC ACID, AMMONIUM SALT
			0	25180410	BENZOIC ACID, 5- 4'- 2,6-DIAMINO-3- 8-HYDROXY-3,6-DISULFO-7-(4-SULFO-1-NAPHTHALENYL)AZO -2-NAPHTHALENYL AZO -5-METHYLPHENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-
			0	2429814	BENZOIC ACID, 5- 4'- 2,6-DIAMINO-3- 8-HYDROXY-3,6-DISULFO-7-(4-SULFO-1-NAPHTHALENYL)AZO -2-NAPHTHALENYL AZO -5-METHYLPHENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-, TETRASODIUM SALT
			10	6637883	BENZOIC ACID, 5- 4'- (2,6-DIAMINO-3-METHYL-5-SULFOPHENYL)AZO - 3,3'-DIMETHYL 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-, DISODIUM SALT
			0	6360549	BENZOIC ACID, 5- 4'- 2,6-DIAMINO-3-METHYL-5- (4-SULFOPHENYL)AZO PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-3-METHYL-, DISODIUM SALT
			0	3811710	BENZOIC ACID, 5- 4'- 2,4-DIAMINO-5- (4-SULFOPHENYL)AZO PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-, DISODIUM SALT
			0	1918009	BENZOIC ACID, 3,6-DICHLORO-2-METHOXY-
			10	2893803	BENZOIC ACID, 5- 4'- 2,4-DIHYDROXY-3- (4-SULFOPHENYL) AZO PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-, DISODIUM SALT
			10	25180396	BENZOIC ACID, 5- 4'- 2,4-DIHYDROXY-3- (4-SULFOPHENYL)AZO PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXY-
			10	8014913	BENZOIC ACID, 3,3'- (3,7-DISULFO-1,5-NAPHTHALENEDIYL)BIS AZO(6-HYDROXY-3,1-PHENYLENE)AZO 6(OR 7)-SULFO-4,1-NAPHTHALENEDIYL AZO 1,1'-BIPHENYL -4,4'-DIYL AZO BIS 6-HYDROXY-, HEXASODIUM SALT
			100	29790521	BENZOIC ACID, 2-HYDROXY-, compound with (S)-3-(1-METHYL-2-PYRROLIDINYL) PYRIDINE (1:1)
			10	6247514	BENZOIC ACID, 2-HYDROXY-5- 4'- 1-HYDROXY-7-(PHENYLAMINO)-3-SULFO-2-NAPHTHALENYL AZO 1,1'-BIPHENYL -4-YL AZO -
			0	3476902	BENZOIC ACID, 2-HYDROXY-5- 4'- 1-HYDROXY-7-(PHENYLAMINO)-3-SULFO-2-NAPHTHALENYL AZO 1,1'-BIPHENYL -4-YL AZO - DISODIUM SALT
			100	93583	BENZOIC ACID, METHYL ESTER
			1	129668	BENZOIC ACID, 2,4,6-TRINITRO-
			10		BENZOIC DERIVATIVE PESTICIDES, FLAMMABLE LIQUID, n.o.s., flash point less than 23C
			10		BENZOIC DERIVATIVE PESTICIDES, FLAMMABLE LIQUID, n.o.s., flash point between 23C and 61C
			100		BENZOIC DERIVATIVE PESTICIDES, LIQUID, TOXIC, n.o.s.
		*	100		BENZOIC DERIVATIVE PESTICIDES, SOLID, TOXIC, n.o.s.
10	100	*	0	98077	BENZOIC TRICHLORIDES
5K		*	100	100470	BENZONITRILE
100			500	1194656	BENZONITRILE, 2,6-DICHLORO-
10			0	189559	BENZO (rst) PENTAPHENE
5K			500	191242	BENZO(gh1)PERYLENE
			100	83794	(1) BENZOPYRANO (3,4-B) FURO (2,3-B) (1) BENZOPYRAN-6(6AH)-ONE, 1,2,12,12A-TETRAHYDRO-8,9-DIMETHOXY-2-(1-METHYLETHENYL)-,2R-2 alpha, 6A alpha,12A alpha) -
100	500/		0	81812	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-
			0	50328	BENZO(a)PYRENE
10		*	0	106514	p-BENZOQUINONE

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RQ	TPQ	313	TRO	CAS	Common or Chemical Name	
10		*	0	106514	BENZOQUINONE	
		*	0	68768	p-BENZOQUINONE, 2,3,5-TRIS(1-AZIRIDINYL)-	
			1	2338127	1H-BENZOTRIAZOLE, 5-NITRO-	
10	100	*	0	98077	BENZOTRICHLORIDE	
			10	98088	BENZOTRIFLUORIDE	
			1	87310	1,2,3-BENZOXDIAZOLE, 5,7-DINITRO-	
1K		*	10	98884	BENZOYL CHLORIDE	
			1	1300647	BENZOYL CHLORIDE, METHOXY-	
		*	0	94360	BENZOYL PEROXIDE	
			100	100390	BENZYL BROMIDE	
100	500	*	0	100447	BENZYL CHLORIDE	
			100	501531	BENZYL CHLOROFORMATE	
1	500		100	140294	BENZYL CYANIDE	
			100	103833	BENZYL DIMETHYLAMINE	
			10		4-(BENZYL(ETHYL)AMINO)-3-ETHOXYBENZENEDIAZONIUM ZINC CHLORIDE	
			100	620053	BENZYL IODIDE	
			10		4-(BENZYL(METHYL)AMINO)-3-ETHOXYBENZENEDIAZONIUM ZINC CHLORIDE	
			0	61336	BENZYL PENICILLIN	
10*		*	0	7440417	BERYLLIUM	
1		*	0	7787475	BERYLLIUM CHLORIDE	
1			0		BERYLLIUM compounds	
1		*	0	7787497	BERYLLIUM FLUORIDE	
1		*	10	13597994	BERYLLIUM NITRATE	
1		*	0	1304569	BERYLLIUM OXIDE	
1	1K/	*	0	58899	gamma-BHC	
1			500	319868	delta-BHC	
1			0	319857	beta-BHC	
1			0	319846	alpha-BHC	
			10		BHUSA	
1	500/		100	15271417	BICYCLO(2.2.1)HEPTANE-2-CARBONITRILE, 5-CHLORO-6-(((METHYLAMINO) CARBONYLOXY)IMINO)-, (12-(1-alpha, 2 beta, 4-alpha, 5alpha, 6E))-	
			10	79925	BICYCLO (2.2.1) HEPTANE, 2,2-DIMETHYL-3-METHYLENE-	
			10	1330161	BICYCLO 3.1.1 HEPTANE, 2,6,6-TRIMETHYL-, DIDEHYDRO derivative	
			10	507700	BICYCLO 2.2.1 HEPTAN-2-OL, 1,7,7-TRIMETHYL-, ENDO-	
			10	76222	BICYCLO 2.2.1 HEPTAN-2-ONE, 1,7,7-TRIMETHYL-	
			100	16219753	BICYCLO 2.2.1 HEPT-2-ENE, 5-ETHYLIDENE-	
			10	80568	BICYCLO 3.1.1 HEPT-2-ENE, 2,6,6-TRIMETHYL-	
			100	18130740	BIFLUORIDE, n.o.s.	
10	500	*	0	1464535	2,2'-BIOXIRANE	
1		*	100	92524	BIPHENYL	
1		*	0	92671	1,1'-BIPHENYL-4-AMINE	
1		*	100	92524	1,1'-BIPHENYL	
1		*	0	92875	1,1'-BIPHENYL-4,4'-DIAMINE	
1		*	0	91941	1,1'-BIPHENYL-4,4'-DIAMINE, 3,3'-DICHLORO-	
100		*	0	119904	1,1'-BIPHENYL-4,4'-DIAMINE, 3,3'-DIMETHOXY-	
10		*	0	119937	1,1'-BIPHENYL-4,4'-DIAMINE, 3,3'-DIMETHYL-	
1		*	0	92933	BIPHENYL, 4-NITRO-	
		*	0	90437	1,1'-BIPHENYL -2-OL PHOSPHINE, PHENYL-	
			10		BIPYRIDILIUM PESTICIDES, FLAMMABLE LIQUID, n.o.s., flash point between 23C and 61C	
			10		BIPYRIDILIUM PESTICIDES, FLAMMABLE LIQUID, n.o.s., flash point less than 23C	
			100		BIPYRIDILIUM PESTICIDES, LIQUID, TOXIC, n.o.s.	
			100		BIPYRIDILIUM PESTICIDES, SOLID, TOXIC, n.o.s.	
1	10/		0	1910425	4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-, DICHLORIDE	
			100	56188	BIS(AMINOPROPYL)AMINE	
			100	7209383	BIS(AMINOPROPYL)PIPERAZINE	
1K			100	111911	BIS (2-CHLOROETHOXY) METHANE	
10			0	66751	5-(BIS(2-CHLOROETHYL)AMINO) URACIL	
10	10K	*	0	111444	BIS (2-CHLOROETHYL) ETHER	
			0	154938	BISCHLOROETHYL NITROSUREA	
1K		*	100	108601	BIS(2-CHLOROISOPROPYL)ETHER	
10	100	*	0	542881	BIS (2-CHLOROMETHYL) ETHER	
1K		*	100	108601	BIS(2-CHLORO-1-METHYLETHYL)ETHER	
1	10/		0	534076	BIS(CHLOROMETHYL)KETONE	
			100	110189	1,2-BIS-(DIMETHYLAMINO)-ETHANE	
		*	100	103231	BIS (2-ETHYLHEXYL) ADIPATE	
100		*	0	117817	BIS (2-ETHYLHEXYL) PHTHALATE	
			10	3034795	BIS(2-METHYLBENZOYL) PEROXIDE	
			10	1304821	BISMUTH TELLURIDE	
			10		BISULFITES, INORGANIC, AQUEOUS SOLUTION, n.o.s.	

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RQ	TPQ	313	TRA	CAS	Common or Chemical Name
1	500/		100	4044659	BITOSCANATE
			0	21725462	BLADEX
			1		BLASTING AGENTS, n.o.s.
10			1	7778543	BLEACHING POWDER
			0	12001284	BLUE ASBESTOS
			100		BOMBS, SMOKE, CONTAINING CORROSIVE LIQUID, NON-EXPLOSIVE without initiating devices
			10	10294334	BORANE, TRIBROMO-
1	500		10	10294345	BORANE, TRICHLORO-
1	500		10	7637072	BORANE, TRIFLUORO-
			100	753537	BORANE, TRIFLUORO-compound with ACETIC ACID (1:1)
			10	13319750	BORANE, TRIFLUORO-, DIHYDRATE
			10		BORATE AND CHLORATE mixtures
5K			100	13826830	BORATE(1-), TETRAFLUORO-, AMMONIUM
			100	16872110	BORATE(1-), TETRAFLUORO-, HYDROGEN
100	*		0	13814965	BORATE(1-), TETRAFLUORO-, LEAD(2+)
			10	16949158	BORATE(1-), TETRAHYDRO-, LITHIUM
			10	13762511	BORATE(1-), TETRAHYDRO-, POTASSIUM
			500	1303964	BORATE, TETRASODIUM SALT
			500	1303964	BORATE, TETRASODIUM SALTS
			500	1303964	BORAX
			100		BORDEAUX ARSENITE, liquid or solid
			500	1693716	BORIC ACID (H3BO3), TRI-2-PROPENYL ESTER
			10	5419556	BORIC ACID (H3BO3), TRIS(1-METHYLETHYL) ESTER
			10	34099735	BORIC ACID, MONOETHYL ESTER
			10	121437	BORIC ACID, TRIMETHYL ESTER
1K	*		100	1332076	BORIC ACID, ZINC SALT
			100	1303862	BORIC ANHYDRIDE
			10	507700	BORNEOL
			10	28324529	BORNYL CHLORIDE
			100	1303862	BORON OXIDE
			10	10294334	BORON TRIBROMIDE
1	500		10	10294345	BORON TRICHLORIDE
1	500		10	7637072	BORON TRIFLUORIDE
			100	753537	BORON TRIFLUORIDE ACETIC ACID complex
			10	353424	BORON TRIFLUORIDE compound with METHYL ETHER (1:1)
1	1K		10	109637	BORON TRIFLUORIDE DIETHYL ETHERATE
			10	13319750	BORON TRIFLUORIDE DIHYDRATE
			10	353424	BORON TRIFLUORIDE DIMETHYL ETHERATE
1	1K		10	109637	BORON, TRIFLUORO 1,1'-OXYBIS ETHANE -, (T-4)-
1	1K		10	353424	BORON, TRIFLUORO OXYBIS METHANE -, (T-4)-
			1	9004700	BOX TOE GUM
			10		BRAKE FLUID, HYDRAULIC
			C	314409	BROMACIL
1	100/		100	28772567	BROMADIOLONE
			100		BROMATES, INORGANICS, n.o.s.
			1	13967903	BROMIC ACID, BARIUM SALT
			10	7789368	BROMIC ACID, MAGNESIUM SALT
			10	7758012	BROMIC ACID, POTASSIUM SALT
			10	7789380	BROMIC ACID, SODIUM SALT
1	500		10	7726956	BROMINE
1	500		10	7726956	BROMINE, and solutions
			10	13863417	BROMINE CHLORIDE
			10	7787715	BROMINE FLUORIDE
			10	7789302	BROMINE FLUORIDE
			10	7789302	BROMINE PENTAFLUORIDE
			10	7787715	BROMINE TRIFLUORIDE
			100	79083	BROMOACETIC ACID, solid or solution
1K			100	598312	BROMOACETONE
			100	598210	BROMOACETYL BROMIDE
			100	108861	BROMOBENZENE
			100	5798798	BROMOBENZYL CYANIDE
			10	78762	2-BROMOBUTANE
			10	592552	BROMOETHYL ETHYL ETHER
100		*	0	75252	BROMOFORM
1K	1K	*	0	74839	BROMOMETHANE
			10	107824	BROMOMETHYLBUTANE
			10	507197	2-BROMO-2-METHYLPROPANE
			10	78773	1-BROMO-2-METHYLPROPANE
			10	29756385	BROMOPENTANE
			10	26446775	BROMOPROPANE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1	10		1	106967	3-BROMOPROPYNE
			10	598732	BROMOTRIFLUOROETHYLENE
100			500	357573	BRUCINE
			0	55981	BUSULFAN
1		*	0	106990	1,3-BUTADIENE
1		*	0	126998	1,3-BUTADIENE, 2-CHLORO-
			10	86783	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-
100			10	78795	1,3-BUTADIENE, 2-METHYL-
		*	10	123728	BUTANAL
			10	97961	BUTANAL, 2-ETHYL
		*	100	107891	BUTANAL, 3-HYDROXY-
			500	110690	BUTANAL OXIME
			10	91963	BUTANAMIDE, N,N'-(3,3'-DIMETHYL 1,1'-BIPHENYL -4,4'-DIYL)BIS 3- OXO-
1K			10	109739	1-BUTANAMINE
			100	111922	1-BUTANAMINE, N-BUTYL-
10		*	0	924163	1-BUTANAMINE, N-BUTYL-N-NITROSO-
			100	102829	1-BUTANAMINE, N,N-DIBUTYL-
			10	110689	1-BUTANAMINE, n-METHYL-
			10	106978	BUTANE
			10	109659	BUTANE, 1-BROMO-
			10	78762	BUTANE, 2-BROMO-
			10	107824	BUTANE, 1-BROMO-3-METHYL
			10	25154421	BUTANE, CHLORO-
			10	109693	BUTANE, 1-CHLORO-
			10	75832	BUTANE, 2,2-DIMETHYL-
			10	79298	BUTANE, 2,3-DIMETHYL-
			100	110612	BUTANEDINITRILE
		*	100	3333526	BUTANEDINITRILE, TETRAMETHYL-
100			500	815827	BUTANEDIOIC ACID, 2,3-DIHYDROXY-, COPPER SALT
5K			100	3164292	BUTANEDIOIC ACID, 2,3-DIHYDROXY-, DIAMMONIUM SALT
100			0	121755	BUTANEDIOIC ACID, (DIMETHOXYPHOSPHINOTHIOL)THIO -, DIETHYL ESTER
			0	55981	1,4-BUTANEDIOL, DIMETHANESULFONATE
			10	431038	2,3-BUTANEDIONE
			10	431038	BUTANEDIONE
			10		BUTANEDIYL ESTER
			1	111342	BUTANE, 1-(ETHENYLOXY)-
			10	628819	BUTANE, 1-ETHOXY-
			10	513484	BUTANE, 2-IODO-
			10	111364	BUTANE, 1-ISOCYANATO-
			10	78784	BUTANE, 2-METHYL-
			10	109740	BUTANENITRILE
			10	142961	BUTANE, 1,1'-OXYBIS-
			0	299752	1,2,3,4-BUTANETETROL, 1,4-DIMETHANESULFONATE, S-(R*,R*) -
			10	109795	1-BUTANETHIOL
5K			100	107926	BUTANOIC ACID
			500	106310	BUTANOIC ACID, ANHYDRIDE
			10	123239	BUTANOIC ACID, 4,4'-DIOXYBIS 4-OXO-
			10	123206	BUTANOIC ACID, ETHENYL ESTER
			10	105544	BUTANOIC ACID, ETHYL ESTER
			100	503742	BUTANOIC ACID, 3-METHYL-
			10	623427	BUTANOIC ACID, METHYL ESTER
			10	638119	BUTANOIC ACID, 1-METHYLETHYL ESTER
			10	556241	BUTANOIC ACID, 3-METHYL-, METHYL ESTER
			500	540181	BUTANOIC ACID, PENTYL ESTER
		*	10	78922	2-BUTANOL
5K		*	10	71363	1-BUTANOL
			100	97950	1-BUTANOL, 2-ETHYL
			10	4435534	1-BUTANOL, 3-METHOXY-, ACETATE
			100	123513	1-BUTANOL, 3-METHYL-
5K			10	123922	1-BUTANOL, 3-METHYL-, ACETATE
5K		*	10	78933	2-BUTANONE
			500	513860	2-BUTANONE, 3-HYDROXY-
			10	563804	2-BUTANONE, 3-METHYL-
10			1	1338234	2-BUTANONE PEROXIDE
			10	141753	BUTANOYL CHLORIDE
100	1K		0	123739	2-BUTENAL
			10	25167673	BUTENE
			10	11069195	BUTENE, DICHLORO-
1			0	764410	2-BUTENE, 1,4-DICHLORO-
5K			100	110167	2-BUTENEDIOIC ACID
5K			100	110178	2-BUTENEDIOIC ACID (E)-

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10	627634	2-BUTENEDIOYL DICHLORIDE, (E)-
			10	26760645	BUTENE, 2-METHYL-
			500	360894	2-BUTENE, 1,1,1,2,3,4,4,4-OCTAFLUORO-
			10	23474911	2-BUTENEPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER
			10	51023224	BUTENE, TRICHLORO-
			100	3724650	2-BUTENOIC ACID
10	500		500	7786347	2-BUTENOIC ACID, 3- (DIMETHOXYPHOSPHINYLOXY -, METHYL ESTER
			10	623701	2-BUTENOIC ACID, ETHYL ESTER-
10			0	303344	2-BUTENOIC ACID, 2-METHYL-, 7- 2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY METHYL -2,3,5,7A-TETRAHYDRO-1H-PYROLIZIN -1-YL ESTER, 1S- 1alpha(2),7(2S*,3R*),7Aalpha-
	1	10	0	78944	3-BUTEN-2-ONE
		*	10	111762	2-BUTOXY ETHANOL
			10	4435534	BUTOXYL
5K			10	123864	n-BUTYL ACETATE
5K			10	105464	sec-BUTYL ACETATE
5K			10	540885	tert-BUTYL ACETATE
			100	12788931	BUTYL ACID PHOSPHATE
		*	100	141322	BUTYL ACRYLATE
		*	10	78922	sec-BUTYL ALCOHOL
5K		*	10	71363	n-BUTYL ALCOHOL
		*	0	75650	tert-BUTYL ALCOHOL
			500	110690	BUTYL ALDEHYDE OXIME
1K			10	109739	BUTYLAMINE
1K			10	13952846	sec-BUTYLAMINE
1K			10	513495	sec-BUTYLAMINE
1K			10	75649	tert-BUTYLAMINE
			100	1126789	BUTYLANILINE
			0	128370	BUTYLATED HYDROXYTOLLENE
			500	104518	BUTYL BENZENE
100		*	500	85687	BUTYL BENZYL PHTHALATE
			10	109659	BUTYL BROMIDE
			10	78762	sec-BUTYL BROMIDE
			10	507197	tert-BUTYL BROMIDE
		*	10	111762	BUTYL CELLOSOLVE
			10	109693	BUTYL CHLORIDE
			10	592347	BUTYLCHLOROFORMATE
			10	1189851	tert-BUTYL CHROMATE
			10	3457612	tert-BUTYL CUMENE PEROXIDE
			10	3457612	tert-BUTYL CUMYL PEROXIDE
			10	70042589	BUTYLCYCLOHEXYLCHLOROFORMATE
			10	70042589	tert-BUTYLCYCLOHEXYLCHLOROFORMATE
			10	995335	N-BUTYL-4,4-DI(tert-BUTYL-PEROXY) VALERATE (maximum 52% solution)
			10	995335	N-BUTYL-4,4-DI(tert-BUTYL-PEROXY) VALERATE (stock pure)
		*	10	25167673	BUTYLENE
			0	106887	1,2-BUTYLENE OXIDE
			10	142961	BUTYL ETHER
			10	592847	BUTYL FORMATE
			0	2426086	n-BUTYL GLYCIDYL ETHER
			0	75912	tert-BUTYL HYDROPEROXIDE
			10	4316421	n-n-BUTYL-IMIDAZOLE
			10	1609865	tert-BUTYLISOCYANATE
			10	111364	n-BUTYLISOCYANATE
			10	30026927	tert-BUTYL ISOPROPYL BENZENE HYDROPEROXIDE
			100	109193	BUTYL ISOVALERATE
			100	138227	BUTYL LACTATE
			100	138227	n-BUTYL LACTATE
			10	109728	BUTYL LITHIUM
			10	109795	BUTYL MERCAPTAN
			100	97831	BUTYL METHACRYLATE
			10	1931620	tert-BUTYL MONOPEROXYMALEATE
			10	544161	BUTYL NITRITE
			10	107711	tert-BUTYL PEROXYACETATE
			10	614459	BUTYL PEROXYBENZOATE
			10	614459	tert-BUTYL PEROXYBENZOATE
			10	23474911	BUTYL PEROXYCROTONATE
			10	23474911	tert-BUTYL PEROXYCROTONATE
			10	16215499	BUTYL PEROXYDICARBONATE
			10	2550336	tert-BUTYL PEROXYDIETHYL-ACETATE, technical pure
			10	3006824	tert-BUTYL PEROXY(2-ETHYL)-HEXANOATE
			10	109137	tert-BUTYL PEROXYISOBUTYRATE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	3T3	TRQ	CAS	Common or Chemical Name
			10	2372216	tert-BUTYL PEROXYISOPROPYL CARBONATE
			10	26748414	tert-BUTYL PEROXYNEODECANOATE
			10	25251518	3-tert-BUTYL PEROXY-3-PHENYLPHthalIDE
			10	927071	tert-BUTYL PEROXYPIVALATE
			10	13122184	tert-BUTYL PEROXY-3,5,5-TRIMETHYLHEXANOATE
			100	28805869	BUTYL PHENOL
			100	89725	o-sec-BUTYLPHENOL
			100	12788931	BUTYL PHOSPHORIC ACID
10		*	0	84742	N-BUTYL PHTHALATE
			10	590012	BUTYL PROPIONATE
			100	98511	p-tert-BUTYL TOLUENE
			10	7521804	BUTYL TRICHLOROSILANE
			1	111342	BUTYL VINYL ETHER
			1	107006	1-BUTYNE
			10	503173	2-BUTYNE
			100	110656	1,4-BUTYNE DIOL
			100	110656	2-BUTYNE-1, 4-DIOL
		*	10	123728	BUTYRALDEHYDE
			500	110690	BUTYRALDOXIME
5K			100	107926	BUTYRIC ACID
			500	106310	BUTYRIC ANHYDRIDE
			10	109740	BUTYRONITRILE
			10	141753	BUTYRYL CHLORIDE
			0	75605	CADODYLIC ACID
10*		*	0	7440439	CADMIUM
10		*	0	543908	CADMIUM ACETATE
10		*	0	7789426	CADMIUM BROMIDE
10		*	0	10108642	CADMIUM CHLORIDE
1		*	0		CADMIUM compounds
1	100/	*	0	1306190	CADMIUM OXIDE
1	1K/	*	0	2223930	CADMIUM STEARATE
			10	7440702	CALCIUM
1	500/		0	7778441	CALCIUM ARSENATE
1			0	52740166	CALCIUM ARSENITE
			100	13780035	CALCIUM BISULFIDE
10			10	75207	CALCIUM CARBIDE
			10	10137743	CALCIUM CHLORATE
			10	14674727	CALCIUM CHLORITE
10			0	13765190	CALCIUM CHROMATE
1		*	10	156627	CALCIUM CYANAMIDE
10		*	10	592018	CALCIUM CYANIDE
		*	10		CALCIUM DITHIONITE
1K			10	26264062	CALCIUM DODECYLBENZENE SULFONATE
			100	7789755	CALCIUM FLUORIDE
			10	57308108	CALCIUM HYDRIDE
			100	13780035	CALCIUM HYDROGEN SULFITE
			10		CALCIUM HYDROSULFITE
			100	1305620	CALCIUM HYDROXIDE
10			1	7778543	CALCIUM HYPOCHLORITE
			10		CALCIUM MANGANESE SILICON
			1	10124375	CALCIUM NITRATE
			10	1305788	CALCIUM OXIDE
			10	13477366	CALCIUM PERCHLORATE
			10	10118760	CALCIUM PERMANGANATE
			10	1305799	CALCIUM PEROXIDE
			10	1305993	CALCIUM PHOSPHIDE
			10	9007130	CALCIUM RESINATE
			10	14019911	CALCIUM SELENATE
			10	12737187	CALCIUM SILICIDE
			10	12013568	CALCIUM SILICON
1	500/	*	0	8001352	CAMPHECHLOR
			10	79925	CAMPHENE
			10	76222	CAMPHOR
			10	76222	CAMPHOR, natural or synthetic
			100	8008513	CAMPHOR OIL
1	100/		100	56257	CANTHARIDIN
			0	142621	CAPROIC ACID
			10	66251	CAPROIC ALDEHYDE
1			100	105602	CAPROLACTAM
			10	7530076	CAPRYLYL PEROXIDE (N-OCTANOYL PEROXIDE)
			0	2425061	CAPTAFOL

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
10		*	0	133062	CAPTAN
1	500/		100	51832	CARBACHOL CHLORIDE
			10		CARBAMATE PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash point between 23C and 61C
			10		CARBAMATE PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash point less than 23C
			100		CARBAMATE PESTICIDES, LIQUID, TOXIC, n.o.s.
			100		CARBAMATE PESTICIDES, SOLID, TOXIC, n.o.s.
			0	17804352	CARBAMIC ACID, 1-(BUTYLAMINO)CARBONYL-1H-BENZIMIDAZOL-2-YL-, METHYL ESTER
			0	23103982	CARBAMIC ACID, DIMETHYL-, 2, (DIMETHYLAMINO)-5,6-DIMETHYL-4-PYRIMIDYL ESTER
100		*	0	51796	CARBAMIC ACID, ETHYL ESTER
1			0	615532	CARBAMIC ACID, METHYL NITROSO-ETHYL ESTER
1	100/		100	26419738	CARBAMIC ACID, METHYL-, O (((2,4-DIMETHYL-1,3-DITHIOLAN-2-YL) METHYLENE) AMINO)
5K			500	1111780	CARBAMIC ACID, MONOAMMONIUM SALT
			10	88108	CARBAMIC CHLORIDE, DIETHYL-
1		*	0	79447	CARBAMIC CHLORIDE, DIMETHYL-
1		*	0	759739	CARBAMIDE, N-ETHYL-NITROSOUREA
1		*	0	684935	CARBAMIDE, N-METHYL-NITROSOUREA
10		*	0	62566	CARBAMIDE, THIO-
1K			100	630104	CARBAMIMIDOSELENOIC ACID
			0	95067	CARBAMODITHIOIC ACID, DIETHYL-, 2-CHLORO-2-PROPENYL ESTER
100		*	0	2303164	CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO-2-PROPENYL) ESTER
1		*	0	79447	CARBAMOYL CHLORIDE, DIMETHYL-
100		*	0	63252	CARBARYL
			100	501531	CARBOBENZOXY CHLORIDE
10	10/		0	1563662	CARBOFURAN
			500	124389	CARBON DIOXIDE
100	10K	*	0	75150	CARBON DISULFIDE
5K			500	506876	CARBONIC ACID, AMMONIUM SALT
			0	105588	CARBONIC ACID, DIETHYL ESTER
			0	554132	CARBONIC ACID, DILITHIUM SALT
			10	616386	CARBONIC ACID, DIMETHYL ESTER
			10	15630894	CARBONIC ACID DISODIUM SALT, compound with HYDROGEN PEROXIDE
5K			500	1066337	CARBONIC ACID, MONOAMMONIUM SALT
		*	100	3486359	CARBONIC ACID, ZINC SALT (1:1)
10	10	*	10	75445	CARBONIC DICHLORIDE
1K			100	353504	CARBONIC DIFLUORIDE
			100	622446	CARBONIMIDIC DICHLORIDE, PHENYL-
			0	630080	CARBON MONOXIDE
			10	592347	CARBONOCHLORIDIC ACID, BUTYL ESTER
			100	22128627	CARBONOCHLORIDIC ACID, CHLOROMETHYL ESTER
			100	81228877	CARBONOCHLORIDIC ACID, CYCLOBUTYL ESTER
			10	70042589	CARBONOCHLORIDIC ACID, (1,1-DIMETHYLETHYL)CYCLOHEXYL ESTER
		*	10	541413	CARBONOCHLORIDIC ACID, ETHYL ESTER
			10	24468131	CARBONOCHLORIDIC ACID, 2-ETHYLHEXYL ESTER
1K	500		10	79221	CARBONOCHLORIDIC ACID, METHYL ESTER
1	1K		1	108236	CARBONOCHLORIDIC ACID, 1-METHYLETHYL ESTER
			100	1885149	CARBONOCHLORIDIC ACID, PHENYL ESTER
			100	501531	CARBONOCHLORIDIC ACID, PHENYLMETHYL ESTER
			10	2937500	CARBONOCHLORIDIC ACID, 2-PROPENYL ESTER
			100	109615	CARBONOCHLORIDIC ACID, PROPYL ESTER
			100	2812739	CARBONOCHLORIDOTHIOIC ACID, O-ETHYL ESTER
			10	4452588	CARBONOPEROXIC ACID, DISODIUM SALT
			10	2372216	CARBONOPEROXIC ACID, OO-(1,1-DIMETHYLETHYL) O-(1-METHYLETHYL) ESTER
			100	463718	CARBONOTHIOIC DICHLORIDE
1		*	10	463581	CARBON OXIDE SULFIDE (COS)
1K			100	353504	CARBON OXYFLUORIDE
			10		CARBON REMOVER, LIQUID
			100	558134	CARBON TETRABROMIDE
10		*	0	56235	CARBON TETRACHLORIDE
			500	75730	CARBON TETRAFLUORIDE
1K			100	353504	CARBONYL FLUORIDE
1		*	10	463581	CARBONYL SULFIDE
1	500		100	786196	CARBOPHENOTHION
			0	154938	CARMUSTINE
			100	2244168	CARVONE
		*	10		CASINGHEAD GASOLINE
		*	100		CASTOR BEAN POMACE
1	100/		100	535897	CASTRIX
1		*	0	120809	CATECHOL

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW			
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name	
			100		CAUSTIC ALKALI LIQUIDS, n.o.s.	
1K			100	1310732	CAUSTIC SODA, DRY, SOLID	
1K			100	1310732	CAUSTIC SODA, SOLUTION	
			0	95067	CDEC	
		*	0	111159	CELLOSOLVE ACETATE	
			10		CELLULOID, IN BLOCKS, RODS, ROLLS, SHEETS, TUBES, etc.	
			1		CELLULOID SCRAP	
			1	9004700	CELLULOSE, NITRATE	
			10		CEMENT, LIQUID, n.o.s.	
			500	7440451	CERIUM	
			10	7440462	CESIUM	
			100	21351791	CESIUM HYDROXIDE	
			10	7789186	CESIUM NITRATE	
			100		CHEMICAL AMMUNITION, NON-EXPLOSIVE, with IRRITANT	
			100		CHEMICAL AMMUNITION, NON-EXPLOSIVE, with POISONOUS MATERIAL	
5K			100	75876	CHLORAL	
1		*	0	133904	CHLORAMBEN	
10			0	305033	CHLORAMBUCIL	
			0	10599903	CHLORAMIDE	
			0	10599903	CHLORAMINE	
			0	56757	CHLORAMPHENICOL	
			10		CHLORATE and BORATE MIXTURES	
			1		CHLORATE and MAGNESIUM CHLORIDE MIXTURES	
			10	3811049	CHLORATE OF POTASH	
			1		CHLORATES, INORGANIC, n.o.s.	
			0	7775099	CHLORATE OF SODA	
1	1K	*	0	57749	CHLORDANE	
1			0	143500	CHLORDECONE	
			0	58253	CHLORDIAZEPOXIDE	
			0	438415	CHLORDIAZEPOXIDE HYDROCHLORIDE	
1	500		100	470906	CHLORFENVINPHOS	
			10	7790934	CHLORIC ACID	
		*	10	13477004	CHLORIC ACID, BARIUM SALT	
		*	10	26506478	CHLORIC ACID, COPPER SALT	
			10	10326213	CHLORIC ACID, MAGNESIUM SALT	
			10	3811049	CHLORIC ACID, POTASSIUM SALT	
			0	7775099	CHLORIC ACID, SODIUM SALT	
			10	7791108	CHLORIC ACID, STRONTIUM SALT	
		*	10	10361952	CHLORIC ACID, ZINC SALT	
			10		CHLORINATED BENZENES	
			500	55720995	CHLORINATED DIPHENYL OXIDE	
			10		CHLORINATED ETHANES	
		*	100	76131	CHLORINATED FLUOROCARBON	
			100		CHLORINATED NAPHTHALENE	
			10		CHLORINATED PHENOLS	
10	100	*	0	7782505	CHLORINE	
10		*	0	506774	CHLORINE CYANIDE	
		*	1	10049044	CHLORINE DIOXIDE	
			10	7790934	CHLORINE DIOXIDE HYDRATE, FROZEN	
			10	13637633	CHLORINE FLUORIDE	
			10	7790912	CHLORINE FLUORIDE	
		*	1	10049044	CHLORINE OXIDE	
			10	13637633	CHLORINE PENTAFLUORIDE	
			10	7790912	CHLORINE TRIFLUORIDE	
			10		CHLORITE, INORGANIC, n.o.s.	
1	500		100	24934916	CHLORMEPHOS	
1	100/		10	999815	CHLORMEQUAT CHLORIDE	
100			0	494031	CHLORNAPHAZINE	
			0	107200	CHLOROACETALDEHYDE	
1	100/	*	100	79118	CHLOROACETIC ACID	
			100	78955	CHLOROACETONE	
		*	100	107142	CHLOROACETONITRILE	
1		*	100	532274	CHLOROACETOPHENONE	
1		*	100	532274	alpha-CHLOROACETOPHENONE	
1		*	100	532274	2-CHLOROACETOPHENONE	
5K			100	79049	CHLOROACETYL CHLORIDE	
			10		CHLOROALKYL ETHERS	
1K			0	106478	p-CHLOROANILINE	
			100	27134265	CHLOROANILINES	
			10	93505	p-CHLORO-o-ANISIDINE	
100		*	0	108907	CHLOROBENZENE	

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RR	TPQ	313	TRQ	CAS	Common or Chemical Name
10		*	100	510156	CHLOROBENZILATE
		*	10	52181518	CHLOROBENZOTRIFLUORIDE
			1	94177	p-CHLOROBENZOYL PEROXIDE
			10	104836	p-CHLOROBENZYL CHLORIDE
			0	2698411	o-CHLOROBENZYLIDENE MALONONITRILE
			500	74975	CHLOROBROMOMETHANE
			500	109706	1-CHLORO-3-BROMOPROPANE
			10	25154421	CHLOROBLTANE
5K			500	59507	4-CHLORO-m-CRESOL
			500	1321104	CHLOROCRESOLS
100			0	124481	CHLORODIBROMOMETHANE
			10		3-CHLORO-4-DIETHYLAMINO-BENZENEDIAZONIUM ZINC CHLORIDE
		*	0	353593	CHLORODIFLUORBROMOMETHANE
			10	75683	CHLORODIFLUOROETHANE
			10	25497294	CHLORODIFLUOROETHANES
			500	75456	CHLORODIFLUOROMETHANE
			500	55720995	CHLORODIPHENYL OXIDE
100		*	10	75003	CHLOROETHANE
1	500		0	107073	CHLORDETHANOL
1	1K		100	627112	CHLOROETHYL CHLOROFORMATE
			0	13010474	1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROUREA
1K			10	110758	2-CHLOROETHYL VINYL ETHER
10	10K	*	0	67663	CHLOROFORM
			10		CHLOROFORMATE, n.o.s., flash point equals 73F
100		*	0	74873	CHLOROMETHANE
			100	29027176	2-CHLORO-3-METHYL ANILINE
			100	615656	2-CHLORO-4-METHYL ANILINE
			100	95818	2-CHLORO-5-METHYL ANILINE
			100	87605	3-CHLORO-2-METHYL ANILINE
			100	95749	3-CHLORO-4-METHYL ANILINE
			100	7149759	4-CHLORO-3-METHYL ANILINE
			500	95794	5-CHLORO-2-METHYL ANILINE
			100	87638	6-CHLORO-2-METHYL ANILINE
			100	22128627	CHLOROMETHYLCHLOROFORMATE
10	100	*	0	542881	CHLOROMETHYL ETHER
			10	3188134	CHLOROMETHYL ETHYL ETHER
10	100	*	0	107302	CHLOROMETHYL METHYL ETHER
			500	28479223	3-CHLORO-4-METHYLPHENYL ISOCYANATE
5K			500	91587	beta-CHLORONAPHTHALENE
			10	41587364	CHLORONITROANILINE
			0	25167935	CHLORONITROBENZENE
			100	600259	1-CHLORO-1-NITROPROPANE
			10	25567684	CHLORONITROTOLUENE
		*	500	76153	CHLOROPENTAFLUOROETHANE
			10	937144	3-CHLOROPEROXYBENZOIC ACID
1	100/		100	3691358	CHLOROPHACIMONE
100		*	0	95578	2-CHLOROPHENOL
			100	106489	4-CHLOROPHENOL
			100	108430	3-CHLOROPHENOL
5K			10	7005723	4-CHLOROPHENYL PHENYL ETHER
			10	26571799	CHLOROPHENYL TRICHLOROSILANE
			100	76062	CHLOROPICRIN
			100	16941121	CHLOROPLATINIC ACID
1		*	0	126998	CHLOROPRENE
			10	75296	2-CHLOROPROPANE
			10	627305	3-CHLOROPROPANOL
			10	557982	2-CHLOROPROPENE
			100	28554009	CHLOROPROPIONIC ACID
1K	1K		100	542767	3-CHLOROPROPIONITRILE
			100	109091	2-CHLOROPYRIDINE
			0	54057	CHLOROQUINE
			10		CHLOROSILANE, FLAMMABLE, CORROSIVE, n.o.s.
			100		CHLOROSILANE, n.o.s., CORROSIVE
			10		CHLOROSILANE, n.o.s., emits FLAMMABLE GAS when MET, CORROSIVE
			100	1331288	o-CHLOROSTYRENE
1K			10	7790945	CHLOROSULFURIC ACID
1K			10	7790945	CHLOROSULPHONIC ACID
			500	63938103	CHLOROTETRAFLUOROETHANE
		*	100	1897456	CHLOROTHALONIL
			500	95498	o-CHLOROTOLUENE
			100	25168052	CHLOROTOLUENES

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RD	TPQ	313	TRA	CAS	Common or Chemical Name
100			100	3165933	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE
			500	75729	CHLOROTRIFLUOROMETHANE
			10	14674727	CHLOROUS ACID, CALCIUM SALT
			1	7758192	CHLOROUS ACID, SODIUM SALT
1	500/		100	1982474	CHLOROXURON
1			0	2921882	CHLORPYRIFOS
1	500		100	21923239	CHLORTHIOPHOS
10			0	56495	CHOLANTHRENE, 3-METHYL
		*	0	11103869	CHROMATE (1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM
1K		*	0	1066304	CHROMIC ACETATE
10		*	10	7738945	CHROMIC ACID
10		*	10	11115745	CHROMIC ACID
			10	1189851	CHROMIC ACID, BIS(1,1-DIMETHYLETHYL)- ESTER
10			0	13765190	CHROMIC ACID, CALCIUM SALT
10		*	10	7789095	CHROMIC ACID, DIAMMONIUM SALT
10		*	1	7788989	CHROMIC ACID, DIAMMONIUM SALT
10			10	14307358	CHROMIC ACID, DILITHIUM SALT
10		*	0	7778509	CHROMIC ACID, DIPOTASSIUM SALT
10		*	0	7789006	CHROMIC ACID, DIPOTASSIUM SALT
10		*	0	10588019	CHROMIC ACID, DISODIUM SALT
		*	0	7758976	CHROMIC ACID, LEAD SALT
10		*	0	7789062	CHROMIC ACID, STRONTIUM SALT (1:1)
		*	0	13530659	CHROMIC ACID, ZINC SALT (1:1)
1	1/	*	0	10025737	CHROMIC CHLORIDE
		*	100	7788978	CHROMIC FLUORIDE
1K		*	0	10101538	CHROMIC SULFATE
5K*		*	0	7440473	CHROMIUM
		*	100	22541793	CHROMIUM (II)
1			0		CHROMIUM compounds
		*	10	14977618	CHROMIUM, DICHLORODIOXO-
		*	100	7788978	CHROMIUM FLUORIDE
		*	100	22541793	CHROMIUM, ion
		*	1	13548384	CHROMIUM NITRATE
		*	0	1333820	CHROMIUM OXIDE
		*	0	1308389	CHROMIUM(III) OXIDE(2:3)
		*	10	14977618	CHROMIUM OXYCHLORIDE
10		*	0	7775113	CHROMIUM SODIUM OXIDE
		*	0	64093794	CHROMOSULFURIC ACID
		*	100	14489259	CHROMOSULFURIC ACID
		*	100	10049055	CHROMOUS CHLORIDE
		*	10	14977618	CHROMYL CHLORIDE
100			0	218019	CHRYSENE
			10	2650182	C.I. ACID BLUE 9, DIAMMONIUM SALT
			10	3844459	C.I. ACID BLUE 9, DISODIUM SALT
		*	500	4680788	C.I. ACID GREEN 3
			0	2429803	C.I. ACID ORANGE 45
			0	3567655	C.I. ACID RED 85
			10	6459945	C.I. ACID RED 114, DISODIUM SALT
			10	91929	C.I. AZOIC COUPLING COMPONENT
			10	91963	C.I. AZOIC COUPLING COMPONENT 5
			100	633034	C.I. BASIC GREEN 1
		*	100	569642	C.I. BASIC GREEN 4
		*	0	989388	C.I. BASIC RED 1
			0	2465272	C.I. BASIC YELLOW 2, MONOHYDROCHLORIDE
			0	25156494	C.I. DIRECT BLACK 4
			0	2429836	C.I. DIRECT BLACK 4
		*	0	1937377	C.I. DIRECT BLACK 38
			10	61703057	C.I. DIRECT BLACK 114
			10	6739624	C.I. DIRECT BLACK 91, TRISODIUM SALT
			0	2610051	C.I. DIRECT BLUE 1
			0	2429734	C.I. DIRECT BLUE 2
			10	2429745	C.I. DIRECT BLUE 15
		*	0	2602462	C.I. DIRECT BLUE 6
			0	25180192	C.I. DIRECT BLUE 2
			10	2150541	C.I. DIRECT BLUE 25
			10	25180272	C.I. DIRECT BLUE 25
			10	2429712	C.I. DIRECT BLUE 8, DISODIUM SALT
			10	2586574	C.I. DIRECT BLUE 22, DISODIUM SALT
10			0	72571	C.I. DIRECT BLUE 14, TETRASODIUM SALT
			0	3811710	C.I. DIRECT BROWN 1
			0	2429825	C.I. DIRECT BROWN 2

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

			0	25255065	C.I. DIRECT BROWN 2
			10	25180396	C.I. DIRECT BROWN 6
			10	2893803	C.I. DIRECT BROWN 6
			0	2429814	C.I. DIRECT BROWN 31
			0	25180410	C.I. DIRECT BROWN 31
			0	3476902	C.I. DIRECT BROWN 59
			10	6247514	C.I. DIRECT BROWN 59
			10	8014913	C.I. DIRECT BROWN 74
		*	0	16071866	C.I. DIRECT BROWN 95
			10	12222207	C.I. DIRECT BROWN 111
			0	6360549	C.I. DIRECT BROWN 154
			0	25180454	C.I. DIRECT GREEN 1
			0	3626286	C.I. DIRECT GREEN 1
			10	4335095	C.I. DIRECT GREEN 6
			0	25180465	C.I. DIRECT GREEN 6
			10	5422173	C.I. DIRECT GREEN 8
			10	25180476	C.I. DIRECT GREEN 8
			0	54579281	C.I. DIRECT ORANGE 1
			10	64083596	C.I. DIRECT ORANGE 8
			10	6637883	C.I. DIRECT ORANGE 6, DISODIUM SALT
			10	25188243	C.I. DIRECT RED 1
			0	2429847	C.I. DIRECT RED 1
			10	25188298	C.I. DIRECT RED 10
			10	2429701	C.I. DIRECT RED 10
			10	1937355	C.I. DIRECT RED 13
			10	25188301	C.I. DIRECT RED 13
			0	573580	C.I. DIRECT RED 28
			0	3530196	C.I. DIRECT RED 37
			10	992596	C.I. DIRECT RED 2, DISODIUM SALT
			10	6358298	C.I. DIRECT RED 39, DISODIUM SALT
			10	2586609	C.I. DIRECT VIOLET 1
			0	25188447	C.I. DIRECT VIOLET 1
			10	6426671	C.I. DIRECT VIOLET 22
			10	25329822	C.I. DIRECT VIOLET 22
			10	6426626	C.I. DIRECT YELLOW 20
		*	0	2832408	C.I. DISPERSE YELLOW 3
		*	10	3761533	C.I. FOOD RED 5
		*	0	81889	C.I. FOOD RED 15
		*	10	3118976	C.I. SOLVENT ORANGE 7
		*	0	60093	C.I. SOLVENT YELLOW 1
		*	0	97563	C.I. SOLVENT YELLOW 3
		*	0	842079	C.I. SOLVENT YELLOW 14
			0	15663271	CISPLATIN
			10	6358538	CITRUS RED NO. 2
		*	10	128665	C.I. VAT YELLOW 4
			100		CLEANING COMPOUND, LIQUID, CORROSIVE
			0	50419	CLOMIPHENE CITRATE
			500	2971906	CLOPIDOL
			0	57109907	CLORAZEPATE DIPOTASSIUM
			10		COAL GAS
			0	8007452	COAL TAR (COAL TAR PITCH)
		*	0	8001589	COAL TAR CREOSOTE
			100	65996921	COAL TAR DISTILLATE, COMBUSTIBLE, LIQUID
			100	65996921	COAL TAR DISTILLATE, FLAMMABLE, LIQUID
			100	65996794	COAL TAR NAPHTHA
		*	10	7440484	COBALT
		*	500	7789437	COBALT BROMIDE
1K		*	10	10210681	COBALT CARBONYL
1			10		COBALT compounds
1		*	10	10210681	COBALT, Di- μ -CARBONYLHEXACARBONYLDI-
1	100/	*	100	62207765	COBALT, ((2,2'-(1,2-ETHANEDIYLBIS (NITRILOMETHYLIDYNE))BIS(6-FLUORO PHENALOTO))(2-)-N,N',D,O')-
		*	10	16842038	COBALT HYDROCARBONYL
		*	10	61789513	COBALT NAPHTHENATE
1K		*	500	7789437	COBALTOUS BROMIDE
1K		*	100	544183	COBALTOUS FORMATE
1K		*	10	14017415	COBALTOUS SULFAMATE
			10		COBALT RESINATE, precipitated
		*	10	16842038	COBALT, TETRACARBONYLHYDRO-
1	500/		100	124878	COCCULUS
			10	8001318	COCONUT OIL

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

1			0		COKE OVEN EMISSIONS
1	10/		0	64868	COLCHICINE
			10	9004700	COLLODION
			0	64175	COLOGNE SPIRITS
5K		*	10	67561	COLUMBIAN SPIRITS
			500		COMBUSTIBLE LIQUID, n.o.s.
			10		COMPOUND, PAINT, etc., REMOVING, REDUCING, or THINNING
			10		COMPOUND, TREE or WEED KILLING, LIQUID, COMBUSTIBLE or FLAMMABLE
			100		COMPOUND, TREE or WEED KILLING, LIQUID, CORROSIVE
			10		COMPRESSED or LIQUEFIED GASES, FLAMMABLE, NON-TOXIC, n.o.s.
			10		COMPRESSED or LIQUEFIED GASES, FLAMMABLE, TOXIC, n.o.s.
			500		COMPRESSED or LIQUEFIED GASES, NON-FLAMMABLE, NON-TOXIC, n.o.s.
			100		COMPRESSED or LIQUEFIED GASES, NON-FLAMMABLE, TOXIC, n.o.s.
5K*		*	100	7440508	COPPER
1	500/	*	100	12002038	COPPER ACETOARSENITE
		*	0	10290127	COPPER ARSENITE
		*	10		COPPER-BASED PESTICIDE, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash point less than 23C
		*	10		COPPER-BASED PESTICIDE, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash point between 23C and 61C
			10		COPPER-BASED PESTICIDE, LIQUID, TOXIC, n.o.s.
			10		COPPER-BASED PESTICIDE, SOLID, TOXIC, n.o.s.
1	500/	*	100	12002038	COPPER, BIS(ACETO)HEXAMETA-ARSENITOTETRA-
		*	100	13426910	COPPER, BIS(1,2-ETHANEDIAMINE-N,N')-
		*	10	26506478	COPPER CHLORATE
		*	0	1344678	COPPER CHLORIDE
			10		COPPER compounds
		*	100	14763770	COPPER CYANIDE
10		*	100	544923	COPPER CYANIDE
		*	10	15123690	COPPER SELENATE
		*	10	10214401	COPPER SELENITE
			10	8001318	COPRA
			10		CORROSIVE LIQUIDS, FLAMMABLE, n.o.s.
			100		CORROSIVE LIQUIDS, n.o.s.
			100		CORROSIVE LIQUIDS, POISONOUS, n.o.s.
			10		CORROSIVE SOLIDS, FLAMMABLE, n.o.s.
			100		CORROSIVE SOLIDS, n.o.s.
			100		CORROSIVE SOLIDS, POISONOUS, n.o.s.
1	100/		0	129066	COUMADIN SODIUM
			100	117522	COUMAFURYL
10	100/		100	56724	COUMAPROS
			100	117522	COUMARIN, 3-(ALPHA-ACETONYLFURFURYL)-4-HYDROXY-
			10		COUMARIN DERIVATIVE PESTICIDE, FLAMMABLE, LIQUID, n.o.s.
			10		COUMARIN DERIVATIVE PESTICIDE, LIQUID, n.o.s.
			10		COUMARIN DERIVATIVE PESTICIDE, SOLID, n.o.s.
1	500/		100	5836293	COUMATETRALYL
1		*	0	8001589	CREOSOTE
			10		CREOSOTE SALTS
		*	0	120718	p-CRESIDINE
		*	0	120718	CRESIDINE
1K		*	100	108394	m-CRESOL
1K	1K/	*	100	95487	o-CRESOL
1K		*	100	106445	p-CRESOL
			10	2980645	o-CRESOL, 4,6-DINITRO-, AMMONIUM SALT
			1	2312767	o-CRESOL, 4,6-DINITRO-, SODIUM SALT
1		*	100	1319773	CRESOLS, mixed isomers
			500	96695	m-CRESOL, 4,4'-THIOBIS (6-tert-BUTYL)-
1		*	100	1319773	CRESYLIC ACID
1K	1K/	*	100	95487	o-CRESYLIC ACID
1	100/		100	535897	CRIMIDINE
100	1K		0	125739	CROTOMALDEHYDE
100	1K		0	4170503	CROTOMALDEHYDE, inhibited
			100	3724650	CROTONIC ACID
			10	503173	CROTOWYLENE
			100	299865	CRUFOMATE
			100	15096523	CRYOLITE
			100	1309326	CRYPTOHALITE
5K		*	100	98828	CLIMENE
10		*	0	80159	CLIMENE HYDROPEROXIDE
			10	26748470	CLIMYL PEROXYNEODECANOATE
			10		CLIMYL PEROXYPIVALATE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
		*	0	135206	CUPFERRON
		*	0	16071866	CUPRATE(2-), 5- 4'- 2,6-DIHYDROXY-3- (2-HYDROXY-5-SULFOPHENYL)AZO PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -2-HYDROXYBENZOATO(4-) -, DISODIUM
100		*	100	142712	CUPRIC ACETATE
1	500/	*	100	12002038	CUPRIC ACETOARSENITE
		*	0	10290127	CUPRIC ARSENITE
		*	10	26506478	CUPRIC CHLORATE
		*	0	1344678	CUPRIC CHLORIDE
100		*	10	3251238	CUPRIC NITRATE
		*	100	814915	CUPRIC OXALATE
10		*	0	7758987	CUPRIC SULFATE
100		*	100	10380297	CUPRIC SULFATE, AMMONIATED
100		*	500	815827	CUPRIC TARTRATE
		*	100	13426910	CUPRIETHYLENEDIAMINE
		*	500	8052424	CUT-BACKS
		*	10	420042	CYANAMIDE
1		*	10	156627	CYANAMIDE, CALCIUM SALT (1:1)
10		*	100	57125	CYANIDE
		*	10		CYANIDE, all inorganic compounds
1		*	10		CYANIDE compounds
5K		*	100	100470	CYANO BENZENE
100		*	10	460195	CYANOGEN
1K	500/	*	100	506683	CYANOGEN BROMIDE
10		*	10	506774	CYANOGEN CHLORIDE
1	1K/	*	100	506785	CYANOGEN IODIDE
1	1K	*	100	2636262	CYANOPHOS
1	100	*	100	675149	CYANURIC FLUORIDE
		*	10	108770	CYANURIC TRICHLORIDE
		*	0	14901087	CYCASIN
		*	10	287230	CYCLOBUTANE
		*	500	115253	CYCLOBUTANE, OCTAFLUORO-
		*	100	81228877	CYCLOBUTYLCHLOROFORMATE
		*	100	4904614	1,5,9-CYCLODODECATRIENE
		*	500	583608	CYCLOHEXANONE, METHYL-
		*	10	291645	CYCLOHEPTANE
		*	10	544252	CYCLOHEPTATRIENE
		*	10	544252	1,3,5-CYCLOHEPTATRIENE
		*	10	628922	CYCLOHEPTENE
10		*	0	106514	2,5-CYCLOHEXADIENE-1,4-DIONE
		*	0	68768	2,5-CYCLOHEXADIENE-1,4-DIONE, 2,3,5-TRIS(1-AZIRIDINYL)-
		*	100	101837	CYCLOHEXANAMINE, N-CYCLOHEXYL-
		*	10	3882062	CYCLOHEXANAMINE, N-CYCLOHEXYL-, NITRATE
		*	100	98942	CYCLOHEXANAMINE, N,N-DIMETHYL
1K		*	10	110827	CYCLOHEXANE
		*	10	25551148	CYCLOHEXANECARBONITRILE, AZOBIS-
		*	10	589902	CYCLOHEXANE, 1,4-DIMETHYL-
1	1K/	*	0	58899	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
1		*	0	319846	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, alpha-isomer
1		*	0	319857	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, beta-isomer
		*	10	3173533	CYCLOHEXANE, ISOCYANATO-
1	100	*	100	4098719	CYCLOHEXANE, 5-ISOCYANATO-1-(ISOCYANATOMETHYL)-1,3,3-TRIMETHYL-
		*	100	2855132	CYCLOHEXANEMETHANAMINE, 5-AMINO-1,3,3-TRIMETHYL-
		*	10	108872	CYCLOHEXANE, METHYL-
		*	100	5124301	CYCLOHEXANE, 1,1'-METHYLENEBIS 4-ISOCYANATO-
		*	100	1569693	CYCLOHEXANETRIOL
		*	0	108930	CYCLOHEXANOL
		*	500	25639423	CYCLOHEXANOL, METHYL-
5K		*	0	108941	CYCLOHEXANONE
		*	10	12262587	CYCLOHEXANONE PEROXIDE
		*	10	110838	CYCLOHEXENE
		*	100	1321160	CYCLOHEXENECARBOXYALDEHYDE
		*	100	138863	CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-
		*	500	586629	CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHYLIDENE)-
5K		*	0	78591	2-CYCLOHEXEN-1-ONE, 3,5,5-TRIMETHYL-
		*	10	10137696	CYCLOHEXENYL TRICHLOROSILANE
1	100/	*	0	66819	CYCLOHEXIMIDE

¹x-CN where X = H⁺ or any other group where a formal dissociation may occur. For example KCN or Ca(CN)₂.

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1	10K		100	622457	CYCLOHEXYL ACETATE
			0	108918	CYCLOHEXYLAMINE
			10	34216347	CYCLOHEXYLAMINE, TRIMETHYL-
			10	3173533	CYCLOHEXYL ISOCYANATE
			100	1569693	CYCLOHEXYL MERCAPTAN
			10	98124	CYCLOHEXYL TRICHLOROSILANE
			1	121824	CYCLONITE
			500	29965977	CYCLOOCTADIENE
			10		CYCLOOCTADIENE PHOSPHINE
			10	629209	CYCLOOCTATETRAENE
	10	629209	1,3,5,7-CYCLOOCTATETRAENE		
	0	7220817	CYCLOPENTA(C)FURO(3',2':4,5)FURO(2,3-H)(1)BENZOPYRAN-1,11-DIONE, 2,3,6A-alpha,8,9,9A-alpha-HEXAHYDRO-4-METHOXY-		
	10	542927	CYCLOPENTADIENE		
	10	542927	1,3-CYCLOPENTADIENE		
10	100	*	100	77474	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
			10	287923	CYCLOPENTANE
			0	96377	CYCLOPENTANE, METHYL-
			500	96413	CYCLOPENTANOL
			10	120923	CYCLOPENTANONE
			10	142290	CYCLOPENTENE
	1		0	50180	CYCLOPROSPHAMIDE
			10	75194	CYCLOPROPANE
			1	2691410	CYCLOTETRAMETHYLENETETRANITRAMINE
			100	13121705	CYHEXATIN
			500	25155151	CYMENE
			0	147944	CYTOSINE ARABINOSIDE
			0	147944	CYTOSINE, 1-BETA-D-ARABINO-FURANOSYL
100		*	0	94757	2,4-D
			10	4342034	DACARBAZINE
10			0	20830813	DAUNOMYCIN
10			0	20830813	DAUNORUBICIN
1		*	0	96128	DBCP
1			100	72548	DDD
1			0	72559	DDE
1			0	50293	DDT
1	500/		10	17702419	DECABORANE
		*	500	1163195	DECABROMODIPHENYL ETHER
		*	500	1163195	DECABROMODIPHENYL OXIDE
			100	91178	DECAHYDRONAPHTHALENE
			100	91178	DECALIN
			500	124185	DECANE
			10	143102	1-DECANETHIOL
			10	762129	DECANOYL PEROXIDE
1	10/		0	732116	DECENTRION
1	500		100	8065483	DEMETON
1	500		0	919868	DEMETON-S-METHYL
			0	64175	DENATURATED ALCOHOL
			10	7782390	DEUTERIUM
			10	123422	DIACETONE ALCOHOL
			10	54693468	DIACETONE ALCOHOL PEROXIDE
1	100/		0	10311849	DIALIFOR
1	100/		0	10311849	DIALIFOS
100		*	0	2303164	DIALLATE
			100	124027	DIALLYLAMINE
			10	557404	DIALLYLETHER
		*	0	615054	2,4-DIAMINOANISOLE
		*	0	39156417	2,4-DIAMINOANISOLE SULFATE
		*	0	101804	4,4'-DIAMINODIPHENYL ETHER
1		*	0	101779	p,p'-DIAMINODIPHENYLMETHANE
10			0	823405	2,6-DIAMINOTOLUENE
10		*	0	95807	2,4-DIAMINOTOLUENE
10			0	496720	3,4-DIAMINOTOLUENE
10		*	0	25376458	DIAMINOTOLUENES, mixed isomers
			0	15663271	CIS-DIAMMINEDICHLOROPLATINUM(II)
			100	2050922	DIAMYLAMINE
		*	0	119904	o-DIANISIDINE
			10	9000924	DIASTASE
			0	439145	DIAZEPAM
			100	333415	DIAZINON
1			10		2-DIAZO-a-NAPHTHOL-4-SULFOCHLORIDE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			1	87310	DIAZODINITROPHENOL
		*	1	334883	DIAZOMETHANE
			10		2-DIAZO-1-NAPHTHOL-5-SULFOCHLORIDE
			0	226368	DIBENZ(a,h)ACRIDINE
			0	224420	DIBENZ(a,j)ACRIDINE
	1		0	53703	DIBENZ(a,h)ANTHRACENE
			0	194592	7H-DIBENZO(c,g)CARBAZOLE
			0	189640	DIBENZO(b,def)CHRYSENE
		*	10	128665	DIBENZO(b,def)CHRYSENE-7,14-DIONE
	1		0	1746016	DIBENZO b,e 1,4-DIOXIN, 2,3,7,8-TETRACHLORO-
	1	*	10	132649	DIBENZOFURAN
	10		0	189559	1,2:7,8-DIBENZOPYRENE
			0	192654	DIBENZO(a,e)PYRENE
	10		0	189559	DIBENZO(a,i)PYRENE
			0	189640	DIBENZO(a,h)PYRENE
			10	18414363	DIBENZYL DICHLOSILANE
			10	2144458	DIBENZYL PEROXYDICARBONATE
	1	100	10	19287457	DIBORANE
			500	26249127	DIBROMOBENZENE
			100	3479865	DIBROMOBUTANONE
			100	3479865	1,1-DIBROMO-2-BUTANONE
	1	*	0	96128	1,2-DIBROMO-3-CHLOROPROPANE
	1	*	0	106934	1,2-DIBROMOETHANE
			100	111922	DIBUTYLAMINE
			500	102818	2-(DIBUTYLAMINO)-ETHANOL
			500	102818	2-n-DIBUTYLAMINOETHANOL
			0	128370	2,6-Di-tert-BUTYL-p-CRESOL
			10	15520113	DI(4-tert-BUTYL CYCLOHEXYL)-PEROXYDICARBONATE
	1	500	100	4835114	N,N'-DIBUTYL HEXAMETHYLENEDIAMINE
			10	110054	DI-tert-BUTYL PEROXIDE
			1	2167239	2,2-DI(tert-BUTYLPEROXY)-BUTANE
			10	3806868	1,1-DI(tert-BUTYLPEROXY)-CYCLOHEXANE
			10	19910657	Di-sec-BUTYL PEROXY-DICARBONATE
			1	2155717	DI-tert-BUTYLPEROXYPHTHALATE, maximum 55% in paste
			1	2155717	DI-tert-BUTYLPEROXYPHTHALATE, maximum 55% in solution
			1	2155717	DI-tert-BUTYLPEROXYPHTHALATE, technical pure
			10	6731368	1,1-DI(tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE
			100	107664	DIBUTYL PHOSPHATE
	10	*	0	84742	DIBUTYL PHTHALATE
	10	*	0	84742	DI-n-BUTYL PHTHALATE
	1K		0	1918009	DICAMBA
			10	26322145	DICETYL PEROXYDICARBONATE
	100		500	1194656	DICHOENIL
	1		100	117806	DICHLONE
			10	79436	DICHLOROACETIC ACID
			100	79367	DICHLOROACETYL CHLORIDE
			1	7572294	DICHLOROACETYLENE
			500	27134276	DICHLOROANILINE
			100	8023538	DICHLOROBENZALKONIUM CHLORIDE
	100	*	100	95501	1,2-DICHLOROBENZENE
	100	*	500	541731	1,3-DICHLOROBENZENE
	100	*	0	106467	1,4-DICHLOROBENZENE
	100	*	100	25321226	DICHLOROBENZENES, mixed isomers
	1	*	0	91941	3,3'-DICHLOROBENZIDINE
			10	133142	2,4-DICHLOROBENZOYL PEROXIDE
	1		100	72548	1,1-DICHLORO-2,2-BIS-(p-CHLOROPHENYL)ETHANE
	5K	*	0	75274	DICHLOROBROMOMETHANE
			10	11069195	DICHLOROBUTENE
	1		0	764410	1,4-DICHLORO-2-BUTENE
	1	500	100	110576	trans-1,4-DICHLOROBUTENE
			10	27156032	DICHLORODIFLUOROETHYLENE
	5K	*	100	75718	DICHLORODIFLUOROMETHANE
			0	118525	1,3-DICHLORO-5,5-DIMETHYL HYDANTOIN
	5K		0	23950585	3,5-DICHLORO-n-(1,1-DIMETHYL-2-PROPYNYL)BENZAMIDE
	1	500	10	75785	DICHLORODIMETHYL SILANE
	1		0	50293	DICHLORODIPHENYL TRICHLOROETHANE
	1K		10	75343	1,1-DICHLOROETHANE
	100	*	0	107062	1,2-DICHLOROETHANE
		*	10	540590	1,2-DICHLOROETHENE
	100	*	0	75354	1,1-DICHLOROETHYLENE
		*	10	540590	1,2-DICHLOROETHYLENE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RR	TPQ	313	TRQ	CAS	Common or Chemical Name

			10	156605	1,2-trans-DICHLOROETHYLENE
10	10K	*	0	111444	DICHLOROETHYL ETHER
			10	2782572	DICHLOROISOCYANURIC ACID
			10	3188134	DICHLOROISOPROPYL ETHER
1K		*	0	75092	DICHLOROMETHANE
10	100	*	0	542881	DICHLOROMETHYL ETHER
1	1K		10	149746	DICHLOROMETHYLPHENYL SILANE
			100	594729	1,1-DICHLORO-1-NITROETHANE
			10	30586108	DICHLOROPENTANE
100		*	0	120832	2,4-DICHLOROPHENOL
100			100	87650	2,6-DICHLOROPHENOL
			10	28165711	2,6-DICHLOROPHENOXYACETIC ACID ESTER
100			10	1928387	2,4-DICHLOROPHENOXYACETIC ESTER
100			0	94111	2,4-DICHLOROPHENOXYACETIC ESTER
100			0	25168267	2,4-DICHLOROPHENOXYACETIC ESTER
100			10	1928616	2,4-DICHLOROPHENOXYACETIC ESTER
100			0	94791	2,4-DICHLOROPHENOXYACETIC ESTER
100			0	94804	2,4-DICHLOROPHENOXYACETIC ESTER
100			10	2971382	2,4-DICHLOROPHENOXYACETIC ESTER
100			10	53467111	2,4-DICHLOROPHENOXYACETIC ESTER
100			10	1320189	2,4-DICHLOROPHENOXYACETIC ESTER
100			10	1929733	2,4-DICHLOROPHENOXYACETIC ESTER
			100	41195908	1,2-DICHLORO-3-PHENYL ISOCYANATE
1	500/		100	102363	1,2-DICHLORO-4-PHENYL ISOCYANATE
			100	39920371	1,3-DICHLORO-2-PHENYL ISOCYANATE
			10	34893920	1,3-DICHLORO-5-PHENYL ISOCYANATE
			100	5392825	1,4-DICHLORO-2-PHENYL ISOCYANATE
			100	2612579	2,4-DICHLORO-1-PHENYL ISOCYANATE
1	500		10	27137855	DICHLOROPHENYL TRICHLOROSILANE
1K			10	26638197	DICHLOROPROPANE
1K		*	10	78999	1,1-DICHLOROPROPANE
1K			0	78875	1,2-DICHLOROPROPANE
5K			0	142289	1,3-DICHLOROPROPANE
100			0	8003198	1,2-DICHLOROPROPANE - 1,3-DICHLOROPENE mixture
			0	96231	1,3-DICHLOROPROPANOL
1	10/		0	534076	DICHLOROPROPANONE
			10	26952238	DICHLOROPROPENE
100		*	0	542756	1,3-DICHLOROPROPENE
100		*	0	78886	2,3-DICHLOROPROPENE
5K			100	75990	2,2-DICHLOROPROPIONIC ACID
100		*	0	542756	1,3-DICHLOROPROPYLENE
			10	4109960	DICHLOROSILANE
		*	500	76142	DICHLOROTETRAFLUOROETHANE
			10		DICHLOROTRIAZINETRIONE and its salts
10	1K	*	0	62737	DICHLORVDS
10		*	500	115322	DICOFOL
1	100		0	141662	DICROTOPHOS
			10	80433	DICUMYL PEROXIDE
			10		DICYCLOHEPTADIENE
			100	101837	DICYCLOHEXYLAMINE
			10	3882062	DICYCLOHEXYLAMMONIUM NITRATE
			10	1758618	DICYCLOHEXYL PEROXIDE
			10	1561495	DICYCLOHEXYL PEROXY-DICARBONATE
			100	77736	DICYCLOPENTADIENE
			0	102545	DICYCLOPENTADIENYL IRON
			10	762129	DIDECANOYL PEROXIDE, technical pure
			10		DI-2,4-DICHLOROBENZOTYL PEROXIDE, 52% as paste
			10		DI-2,4-DICHLOROBENZOTYL PEROXIDE, greater than 75% in water
			10		DI-2,4-DICHLOROBENZOTYL PEROXIDE, 52% in solution
			10		1,2-DI(DIMETHYLAMINO)-ETHANE
			10		2,2-DI(4,4-DI-tert-BUTYL-PEROXY CYCLOHEXYL)-PROPANE 42%
			10		DIDYMIUM NITRATE
1			0	60571	DIELDRIN
			0	84173	DIENOESTROL
10	500	*	0	1464535	1,2,3,4-DIEPOXYBUTANE
			500		DIESEL FUEL
1		*	100	111422	DIETHANOLAMINE
			10	78626	DIETHOXYDIMETHYL SILANE
		*	10	629141	DIETHOXYLETHANE
			10	462953	DIETHOXYMETHANE
		*	10		2,5-DIETHOXY-4-MORPHOLINOBENZENEDIAZONIUM ZINC CHLORIDE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW			
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name	
			10	3054953	3,3-DIETHOXYPROPENE	
			10	96106	DIETHYLALUMINUM CHLORIDE	
1K			10	109897	DIETHYLAMINE	
			0	302705	DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL,N-OXIDE, HYDROCHLORIDE	
			100	100378	DIETHYLAMINOETHANOL	
			100	104789	3-(DIETHYLAMINO) PROPYLAMINE	
			100	91667	DIETHYL ANILINE	
1			10	692422	DIETHYL ARSINE	
			100	25340174	DIETHYLBENZENE	
1	100/		100	1642542	DIETHYLCARBAMAZINE CITRATE	
			10	88108	DIETHYLCARBAMOYL CHLORIDE	
			10	584021	DIETHYLCARBINOL	
			0	105588	DIETHYL CARBONATE	
		*	10	629141	DIETHYL CELLOSOLVE	
1	500		100	814493	DIETHYL CHLOROPHOSPHATE	
			10	1719535	DIETHYL DICHLOROSILANE	
100		*	0	123911	1,4-DIETHYLENE DIOXIDE	
		*	1	693210	DIETHYLENEGLYCOL DINITRATE	
			100	111400	DIETHYLENE TRIAMINE	
			100	100367	N,N-DIETHYL-1,2-ETHANEDIAMINE	
100			10	60297	DIETHYL ETHER	
			100	100367	DIETHYLETHYLENE DIAMINE	
			10	16111629	DI(2-ETHYLHEXYL) PEROXY-DICARBONATE	
			100	298077	DI(2-ETHYLHEXYL)PHOSPHORIC ACID	
100		*	0	117817	DI(2-ETHYL HEXYL) PHTHALATE	
10			0	1615801	1,2-DIETHYL HYDRAZINE	
			10	96220	DIETHYL KETONE	
			10	557186	DIETHYLMAGNESIUM	
			10	120229	DIETHYL-p-NITROANILINE	
			10	120229	N,N-DIETHYL-4-NITROBENZENAMINE	
			100	95921	DIETHYL OXALATE	
			1	14666785	DIETHYL PEROXYDICARBONATE	
			100	93050	DIETHYL-p-PHENYLENEDIAMINE	
1K		*	100	84662	DIETHYL PHTHALATE	
1			0	56531	DIETHYLSTILBESTROL	
1		*	0	64675	DIETHYL SULFATE	
			10	352932	DIETHYL SULFIDE	
			10	2524041	DIETHYLTHIOPHOSPHORYL CHLORIDE	
			10	557200	DIETHYLZINC	
			100	75616	DIFLUORODIBROMOMETHANE	
			10	75376	1,1-DIFLUOROETHANE	
1	100/		100	13779414	DIFLUOROPHOSPHORIC ACID	
1	1K		100	71636	DIGITOXIN	
			100	2238075	DIGLYCIDYL ETHER	
			0	1675543	DIGLYCIDYL ETHER OF BISPHENOL A	
1	10/		10	20830755	DIGOXIN	
			1	2614768	2,2-DIHYDROPEROXY PROPANE	
			10	110872	DIHYDROPYRAN	
5K			0	123331	1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	
			0	128461	DIHYDROSTREPTOMYCIN	
1		*	0	120809	1,2-DIHYDROXYBENZENE	
			10	1758618	DI(1-HYDROXYCYCLO-HEXYL) PEROXIDE	
			10	110963	DI-ISOBUTYLAMINE	
			10	25167708	DI-ISOBUTYLENE	
			1	3437841	DI-ISOBUTYRYL PEROXIDE	
1			100	822060	1,6-DIISOCYANATO HEXANE	
			100	27215107	DI-ISOOCTYL ACID PHOSPHATE	
			10	108189	DI-ISOPROPYLAMINE	
			10	26762936	DI-ISOPROPYLBENZENE HYDROPEROXIDE, maximum 7% solution	
			100	96800	DI-ISOPROPYLETHANOLAMINE	
			10	108203	DIISOPROPYL ETHER	
			1	105646	DI-ISOPROPYL PEROXYDICARBONATE	
			10		DI-ISOTRIDECYL PEROXYDICARBONATE	
			1	674828	DIKETENE	
			10		DILAUROYL PEROXIDE, maximum 4% IN WATER	
			10	105748	DILAUROYL PEROXIDE, technical pure	
1	500		100	115264	DIMEFOX	
1	500/	*	0	309002	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-1,4,4A,5,8,8A-HEXAHYDRO-, (1 alpha,4 alpha,4A beta,5 alpha,8 alpha,8A beta)-	
1			0	60571	2,7:3,6-DIMETHANONAPHTH 2,3-B OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-,(1Aalpha, 2beta, 2Aalpha, 3beta, 6beta,	

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RO	TPQ	313	TRQ	CAS	Common or Chemical Name
1	500/		10	72208	6Aalpha, 7beta, 7Aalpha)- 2,7:3,6-DIMETHANONAPHTH 2,3-B OXIRENE, 3,4,5,6,9,9-HEXACHLORO- 1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1Aalpha, 2beta, 2Abeta, 3alpha, 6alpha, 6Abeta, 7beta, 7Aalpha)-
10	500/		0	60515	DIMETHOATE
100		*	0	119904	3,3'-DIMETHOXYBENZIDINE
			10	534156	1,1-DIMETHOXYETHANE
			10	534156	DIMETHYLACETAL
			0	127195	DIMETHYL ACETAMIDE
1K			10	124403	DIMETHYLAMINE
			10	926647	2-DIMETHYLAMINOACETO-NITRILE
10		*	0	60117	4-DIMETHYLAMINOAZOBENZENE
			10		4-DIMETHYLAMINO-6-(2-DIMETHYLAMINOETHOXY) TOLUENE-2-DIAZONIUM- Inert inorganic solid
			100	2867472	DIMETHYLAMINOETHYL METHACRYLATE
			10	1738256	beta-DIMETHYLAMINOPROPIONITRILE
1		*	100	121697	DIMETHYLANILINE
1			0	57976	7,12-DIMETHYL-BENZ(a)ANTHRACENE
10		*	0	119957	3,3'-DIMETHYLBENZIDINE
			10	3034795	DI(2-METHYLBENZOYL) PEROXIDE
10		*	0	80159	alpha,alpha-DIMETHYLBENZYLHYDROPEROXIDE
			10	79298	2,3-DIMETHYLBUTANE
			10	108098	1,3-DIMETHYLBUTYLAMINE
1		*	0	79447	DIMETHYLCARBAMYL CHLORIDE
			10	616386	DIMETHYL CARBONATE
1	500		100	2524030	DIMETHYL CHLOROTHIOPHOSPHATE
			10	589902	1,4-DIMETHYLCYCLOHEXANE
			100	98942	DIMETHYLCYCLOHEXYL AMINE
			10	2618771	2,5-DIMETHYL-2,5-DI-(BENZOYLPEROXY)HEXANE
10			0	300765	DIMETHYL 1,2-DIBROMO-2,2-DICHLOROETHYL PHOSPHATE
			10	78637	2,5-DIMETHYL-2,5-DI(tert-BUTYLPEROXY)HEXANE
			10	1068275	2,5-DIMETHYL-2,5-DI(tert-BUTYLPEROXY)HEXYNE-3, maximum 52% in inert solid
			10	1068275	2,5-DIMETHYL-2,5-DI(tert-BUTYLPEROXY)HEXYNE-3, technical pure
1	500		10	75785	DIMETHYLDICHLOROSILANE
			10	78626	DIMETHYLDIETHOXYLSILANE
			10	3025885	2,5-DIMETHYL-2,5-DIHYDRO-PEROXYHEXANE
			10	25136554	DIMETHYLDIOXANE
			10	624920	DIMETHYLDISULFIDE
			10	115106	DIMETHYL ETHER
1			0	68122	DIMETHYLFORMAMIDE
			100	108838	2,6-DIMETHYLHEPTANONE
10	1K	*	0	57147	1,1-DIMETHYLHYDRAZINE
1			0	540738	1,2-DIMETHYLHYDRAZINE
			10	2999748	DIMETHYLMAGNESIUM
			0	593748	DIMETHYL MERCURY
			500	99514	1,2-DIMETHYL-4-NITROBENZENE
5K			100	122098	alpha,alpha-DIMETHYL PHENETHYLAMINE
100		*	500	105679	2,4-DIMETHYLPHENOL
1	10/		10	99989	DIMETHYL-p-PHENYLENE DIAMINE
1	500		100	2524030	DIMETHYL PHOSPHORODICHLORODITHIOATE
5K		*	0	131113	DIMETHYL PHTHALATE
			10	463821	DIMETHYLPROPANE
			10	926636	DIMETHYLPROPYLAMINE
100	500	*	0	77781	DIMETHYL SULFATE
			10	75183	DIMETHYL SULFIDE
1	500		100	2524030	DIMETHYL THIOPHOSPHORYL CHLORIDE
			10	544978	DIMETHYLZINC
1	500/		100	644644	DIMETILAN
1			100	333415	DIMPYLATE
			10	53220227	DIMYRISTYL PEROXYDI-CARBONATE
		*	10		DI-N-BUTYL PEROXYDICARBONATE, between 27% and 52% solution
			10		DI-N-BUTYL PEROXYDICARBONATE, less than 27% in solution
100			100	131895	DINEX
			0	148016	DINITOLMIDE
			1	26471567	DINITROANILINE
100			100	25154545	DINITROBENZENE
100		*	0	99650	m-DINITROBENZENE
100		*	1	528290	o-DINITROBENZENE
100		*	0	100254	p-DINITROBENZENE
			0	25567673	DINITROCHLOROBENZENE
10	10/	*	0	534521	4,6-DINITRO-o-CRESOL

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
100			100	131895	4,6-DINITRO-o-CYCLOHEXYLPHENOL
			10		DINITROPHENATES ALKALI METALS, dry or wetted
10			1	25550587	DINITROPHENOL
			10		DINITROPHENOLATES, with greater than 15% WATER
10		*	0	51285	2,4-DINITROPHENOL
10			500	329715	2,5-DINITROPHENOL
10			1	573568	2,6-DINITROPHENOL
			1	35860516	DINITRORESORCINOL
			10	25550554	DINITROSOBENZENE
			10		DINITROSO-DIMETHYL TEREPHTHALAMIDE
			0	101257	DINITROSOPENTAMETHYLENE TETRAMINE
10		*	100	25321146	DINITROTOLUENE
10		*	0	121142	2,4-DINITROTOLUENE
100		*	0	606202	2,6-DINITROTOLUENE
10			0	610399	3,4-DINITROTOLUENE
			10	762130	DI-N-NONANOYL PEROXIDE
1K	100/		0	88857	DINOSEB
1	500/		100	1420071	DINOTERB
			10	762163	DI-N-OCTANOYL PEROXIDE
5K		*	100	117840	DI-N-OCTYL PHTHALATE
100		*	0	123911	1,4-DIOXANE
			10	25136554	1,4-DIOXANE, DIMETHYL-
1	500		100	78342	DIOXATHION
1			0	1746016	DIOXIN
			10	646060	DIOXOLANE
			10	646060	1,3-DIOXOLANE
			100	138863	DIPENTENE
			10	1941793	DIPEROXYAZELAIC ACID
1	10/		10	82666	DIPHACINONE
1		*	100	92524	DIPHENYL
			100	122394	DIPHENYLAMINE
		*	100	578949	DIPHENYLAMINECHLORO-ARSINE
			100	712481	DIPHENYLCHLOROARSINE
			100	80104	DIPHENYL DICHLOROSILANE
10		*	0	122667	1,2-DIPHENYLHYDRAZINE
			100	776749	DIPHENYLMETHYL BROMIDE
			0	80513	DIPHENYLOXIDE-4,4'-DI-SULFOHYDRAZIDE
100	100		100	152169	DIPHOSPHORAMIDE, OCTAMETHYL-
10	100		100	107493	DIPHOSPHORIC ACID, TETRAETHYL ESTER
			100	7722885	DIPHOSPHORIC ACID, TETRASODIUM SALT
			1	2217063	DIPICRYL SULFIDE
			1		DIPROPIONYL PEROXIDE
5K			10	142847	DIPROPYLAMINE
			10		4-DIPROPYLAMINO BENZENE-DIAZONIUM ZINC CHLORIDE
			100	34590948	DIPROPYLENE GLYCOL METHYL ETHER
			100	56188	DIPROPYLENE TRIAMINE
			10	111433	DIPROPYL ETHER
			100	123193	DIPROPYL KETONE
			10	16066389	DI-N-PROPYL PEROXYDICARBONATE
1K			100	2764729	DIPYRIDO 1,2-A:2',1'-C PYRAZINEDIIUM, 6,7-DIHYDRO-
1K			0	85007	DIPYRIDO 1,2-A:2',1'-C PYRAZINEDIIUM, 6,7-DIHYDRO-, DIBROMIDE
1K			0	85007	DIQUAT
1K			100	2764729	DIQUAT
		*	0	1937377	DIRECT BLACK 38
		*	0	2602462	DIRECT BLUE 6
		*	0	16071866	DIRECT BROWN 95
			100		DISINFECTANTS, CORROSIVE, LIQUID, n.o.s.
			100		DISINFECTANTS, n.o.s., POISONOUS, LIQUID or SOLID
			10		DISPERSANT GAS, FLAMMABLE, n.o.s.
			500		DISPERSANT GAS, n.o.s.
			10	52326666	DISTEARYL PEROXYDI-CARBONATE
			1		DISUCCINIC ACID PEROXIDE, 72% in water
			10	123239	DISUCCINIC ACID PEROXIDE, technical pure
			10	624920	DISULFIDE, DIMETHYL-
			100	2179591	DISULFIDE, 2-PROPENYL PROPYL
			0	97778	DISULFIRAM
	1	500	0	298044	DISULFOTON
			0	7681574	DISULFUROUS ACID, DISODIUM SALT
			10		1,4-DI-(2-tert-BUTYLPEROXY ISOPROPYL)BENZENE or 1,3-DI-(2-tert-BUTYL PEROXY ISOPROPYL)BENZENE or mixtures
			10		2,2-DI(tert-BUTYLPEROXY)PROPANE with at least 50% PHEGMATIZER

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10		2,2-DI(tert-BUTYLPEROXY)PROPANE with at least 13% PHLEGMATIZER and 47% ZINC CHLORIDE
1	500/		100	514738	DITHIAZANINE IODIDE
100	100/		100	541537	DITHIOBIURET
			10		DITHIOCARBAMATE PESTICIDES, FLAMMABLE LIQUID, n.o.s., flash point between 23C and 61C
			10		DITHIOCARBAMATE PESTICIDES, FLAMMABLE LIQUID, n.o.s., flash point less than 23C
			10		DITHIOCARBAMATE PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		DITHIOCARBAMATE PESTICIDES, SOLID, TOXIC, n.o.s.
			10	14293733	DITHIONOUS ACID, DIPOTASSIUM SALT
			10	7775146	DITHIONOUS ACID, DISODIUM SALT
1K		*	10	7779864	DITHIONOUS ACID, ZINC SALT (1:1)
			10		DI(3,5,5-TRIMETHYL-1,2-DIOXOLANYL-3) PEROXIDE, paste
			10		DI(3,5,5-TRIMETHYLHEXANOYL) PEROXIDE
100			0	330541	DIURON
			100	108576	DIVINYL BENZENE
			0	109933	DIVINYL ETHER
1			0	57976	DMBA
1K			100	27176870	DODECYLBENZENE-SULFONIC ACID
			100	4484724	DODECYL TRICHLOROSILANE
			0	23214928	DOXORUBICIN
			10		DRIERS, PAINT or VARNISH, LIQUID, n.o.s.
			10		DRIERS, PAINT or VARNISH, SOLID, n.o.s.
			500	124389	DRY ICE
			10	110054	DTBP
1			0	2921882	DURSBAN
			10		DYES, n.o.s. or DYE INTERMEDIATES, n.o.s., CORROSIVE
			10		DYES, n.o.s. or DYE INTERMEDIATES, n.o.s., POISONOUS
5K			0	60004	EDTA
			500	109591	EHTANOL, 2-(1-METHYLETHOXY)
1	1/			316427	EMETINE, DIHYDROCHLORIDE
			0		ENAMELS
1	10/		0	115297	ENDOSULFAN
1			10	949988	alpha-ENDOSULFAN
1			10	33213659	beta-ENDOSULFAN
			0		ENDOSULFAN and METABOLITES
1			10	1031078	ENDOSULFAN SULFATE
			100	1145733	ENDOTHALL
1	500/		100	2778043	ENDOTHRION
1	500/		10	72208	ENDRIN
1			10	7421934	ENDRIN ALDENHYDE
			10		ENDRIN AND METABOLITES
			0	13838169	ENFLURANE
			10		ENGINE STARTING FLUID, with FLAMMABLE GAS
			0	3132647	EPIBROMOHYDRIN
100	1K	*	0	106898	EPICHLOROHYDRIN
1	100/		100	2104645	EPN
			100	4016119	EPOXY ETHYLOXY PROPANE
			0	556525	2,3-EPOXY 1-PROPANOL
		*	10		ERADICATORS, PAINT or GREASE
1	1K/		0	50146	ERGOCALCIFEROL
1	500/		0	379793	ERGOTAMINE TARTRATE
			10	431038	ERYTHRITOL ANHYDRIDE
			0		2,4,5-T ESTER
			0		2,4-D ESTERS
			0	50282	ESTRADIOL
			0	50282	ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17beta)-
			0	53167	ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-HYDROXY-
			0	53167	ESTRONE
100			10	75047	ETHANAMINE
1	10	*	0	51752	ETHANAMINE, 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYL-
			0	50419	ETHANAMINE, 2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYL,-
5K			10	121448	ETHANAMINE, N,N-DIETHYL-
1K			10	109897	ETHANAMINE, N-ETHYL-
1		*	0	55185	ETHANAMINE, N-ETHYL-N-NITROSO-
			10	74840	ETHANE
			10	74964	ETHANE, BROMO-
			0	151677	ETHANE, 2-BROMO-2-CHLORO-1,1,1-TRIFLUORO-
			10	592552	ETHANE, 1-BROMO-2-ETHOXY
100		*	10	75003	ETHANE, CHLORO-

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RR	TPQ	313	TRQ	CAS	Common or Chemical Name

			10	75683	ETHANE, 1-CHLORO-1,1-DIFLUORO-
			10	26675467	ETHANE, 2-CHLORO-2-(DIFLUOROMETHOXY)-1,1,1-TRIFLUORO-
			0	13838169	ETHANE, 2-CHLORO-1-(DIFLUOROMETHOXY)-1,1,2-TRIFLUORO-
			10	3188134	ETHANE, (CHLOROMETHOXY)-
		*	500	76153	ETHANE, CHLOROPENTAFLUORO-
			500	63938103	ETHANE, CHLOROTETRAFLUORO-
5K	10K		10	107153	1,2-ETHANEDIAMINE
			100	111400	1,2-ETHANEDIAMINE, N-(2-AMINOETHYL)-
			0	112572	1,2-ETHANEDIAMINE, N-(2-AMINOETHYL)-N'-(2-(2-AMINOETHYL)AMINO ETHYL)-
			0	112243	1,2-ETHANEDIAMINE, N,N'-BIS(2-AMINOETHYL)-
5K			0	91805	1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-
			100	110189	1,2-ETHANEDIAMINE, N,N,N',N'-TETRAMETHYL-
		*	0	106934	ETHANE, 1,2-DIBROMO-
1		*	0	107062	ETHANE, 1,2-DICHLORO-
100		*	0	75343	ETHANE, 1,1-DICHLORO-
1K			10	76380	ETHANE, 2,2-DICHLORO-1,1-DIFLUORO-1-METHOXY-
			0	594729	ETHANE, 1,1-DICHLORO-1-NITRO-
		*	500	76142	ETHANE, 1,2-DICHLORO-1,1,2,2-TETRAFLUORO-
		*	10	629141	ETHANE, 1,2-DIETHOXY-
			10	75376	ETHANE, 1,1-DIFLUORO-
			10	534156	ETHANE, 1,1-DIMETHOXY-
100			10	460195	ETHANEDINITRILE
			100	144627	ETHANEDIOIC ACID
		*	100	814915	ETHANEDIOIC ACID, COPPER (II) SALT (1:1)
			100	1113388	ETHANEDIOIC ACID, DIAMMONIUM SALT
			100	95921	ETHANEDIOIC ACID, DIETHYL ESTER
1		*	0	107211	1,2-ETHANEDIOL
		*	1	628966	1,2-ETHANEDIOL, DINITRATE
5K			10	111546	ETHANEDIYL BISCARBAMODITHIOIC ACID
			10	353366	ETHANE, FLUORO-
100		*	0	67721	ETHANE, 1,1,1,2,2,2-HEXACHLORO-
100		*	0	67721	ETHANE, HEXACHLORO-
			500	76164	ETHANE, HEXAFLUORO-
			10	109900	ETHANE, ISOCYANATO-
			10	540670	ETHANE, METHOXY-
			10	462953	ETHANE, 1,1'-METHYLENEBIS(OXY) BIS-
			10	122510	ETHANE, 1,1',1''-METHYLIDYNETRIS(OXY) TRIS-
			10	79243	ETHANE, NITRO
100			10	60297	ETHANE, 1,1'-OXYBIS-
10	10K	*	0	111444	ETHANE, 1,1'-OXYBIS 2-CHLORO-
10			100	76017	ETHANE, PENTACHLORO-
1	500	*	1	79210	ETHANEPEROXIDIC ACID
			10	107711	ETHANEPEROXIDIC ACID, 1,1-DIMETHYLETHYL ESTER
1	500		100	1622328	ETHANESULFONYL CHLORIDE, 2-CHLORO-
			100	79276	ETHANE, 1,1,2,2-TETRABROMO-
100		*	100	25167208	ETHANE, TETRABROMO-
			0	79345	ETHANE, 1,1,2,2-TETRACHLORO-
			500	76119	ETHANE, 1,1,1,2-TETRACHLORO-2,2-DIFLUORO-
			100	76120	ETHANE, 1,1,2,2-TETRACHLORO-1,2-DIFLUORO-
10		*	0	62555	ETHANETHIOAMIDE
			10	352932	ETHANE, 1,1'-THIOBIS-
1	500	*	0	505602	ETHANE, 1,1'-THIOBIS 2-CHLORO-
			10	507095	ETHANETHIOIC ACID
			10	75081	ETHANETHIOL
1K		*	0	71556	ETHANE, 1,1,1-TRICHLORO-
100		*	0	79005	ETHANE, 1,1,2-TRICHLORO-
1		*	0	72435	ETHANE, 1,1,1-TRICHLORO-2,2-BIS(p-METHOXYPHENYL)
		*	100	76131	ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO-
			100	27987060	ETHANE, TRIFLUORO-
100	500/		100	16752775	ETHANIMIDOTHIOIC ACID, N-(METHYLAMINO)CARBONYL OXY-, METHYL ESTER
			0	64175	ETHANOL
			100	141435	ETHANOLAMINE
			100	141435	ETHANOL, 2-AMINO-
			100	929066	ETHANOL, 2-(2-AMINOETHOXY)-
			100	111411	ETHANOL, 2-(AMINOETHYL)ETHYL-
			100	4985857	ETHANOL, 2,2'-(3-AMINOPROPYL)IMINO BIS-
			100	96800	ETHANOL, 2-BIS(1-METHYLETHYL)AMINO-
		*	10	111762	ETHANOL, 2-BUTOXY-
1	500		0	107073	ETHANOL, 2-CHLORO-
1	1K		100	10140871	ETHANOL, 1,2-DICHLORO-, ACETATE
			100	136787	ETHANOL, 2-(2,4-DICHLOROPHENOXY)-, HYDROGEN SULFATE, SODIUM SALT

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
		*	100	100378	ETHANOL, 2-(DIETHYLAMINO)-
1K		*	0	110805	ETHANOL, 2-ETHOXY-
		*	0	111159	ETHANOL, 2-ETHOXY-, ACETATE
1		*	100	111422	ETHANOL, 2,2'-IMINOBIS-
		*	0	109864	ETHANOL, 2-METHOXY-
		*	100	110496	ETHANOL, 2-METHOXYACETATE
1K		*	10	27323417	ETHANOL, 2-2',2''-NITRILOTRIS-DODECYLBENZENESULFONATE (SALT)
1		*	0	1116547	ETHANOL, 2,2'-(NITROSOIMINO)BIS-
		*	1	693210	ETHANOL, 2,2'-OXYBIS-, DINITRATE
		*	10	70111	ETHANONE, 2-BROMO-1-PHENYL-
1		*	100	532274	ETHANONE, 2-CHLORO-1-PHENYL-
		*	10	74851	ETHENE
1		*	0	593602	ETHENE, BROMO-
		*	10	598732	ETHENE, BROMOTRIFLUORO-
1		*	0	75014	ETHENE, CHLORO-
		*	10	79389	ETHENE, CHLOROTRIFLUORO-
		*	10	540590	ETHENE, 1,2-DICHLORO-
100		*	0	75354	ETHENE, 1,1-DICHLORO-
		*	10	27156032	ETHENE, DICHLORODIFLUORO-
		*	10	75387	ETHENE, 1,1-DIFLUORO-
		*	10	109922	ETHENE, ETHOXY-
		*	10	75025	ETHENE, FLUORO-
		*	10	107255	ETHENE, METHOXY-
		*	0	109933	ETHENE, 1,1'-OXYBIS-
100		*	0	127184	ETHENE, TETRACHLORO-
		*	10	116143	ETHENE, TETRAFLURO-
100		*	0	79016	ETHENE, TRICHLORO-
		*	100	463514	ETHENONE
		*	0	57636	ETHINYLOESTRADIOL
10	1K	*	100	563122	ETHION
		*	0	536334	ETHIONAMIDE
1	1K	*	100	13194484	ETROPROPHOS
1K		*	0	110805	2-ETHOXYETHANOL
		*	0	111159	2-ETHOXYETHYLACETATE
		*	100	4016119	(ETHOXYMETHYL)-OXIRANE
5K		*	0	141786	ETHYL ACETATE
		*	10	107879	ETHYL ACETONE
		*	1	107006	ETHYL ACETYLENE
1K		*	0	140885	ETHYL ACRYLATE
		*	0	64175	ETHYL ALCOBOL
1K		*	0	75070	ETHYLALDEHYDE
		*	10	563439	ETHYL ALUMINUM DICHLORIDE
		*	10	12075682	ETHYL ALUMINUM SESQUICHLORIDE
100		*	10	75047	ETHYLAMINE
		*	100	541855	ETHYL AMYL KETONE
		*	100	103695	ETHYLANILINE
		*	100	578541	2-ETHYLANILINE
1K		*	0	100414	ETHYL BENZENE
		*	500	92591	ETHYLBENZYLANILINE
		*	100	119948	ETHYLBENZYL TOLUIDINE
1	500	*	100	538078	ETHYLBIS(2-CHLOROETHYL)AMINE
		*	10	34099735	ETHYL BORATE
		*	10	74964	ETHYL BROMIDE
		*	10	105362	ETHYL BROMOACETATE
		*	100	97950	ETHYLBUTANOL
		*	100	123660	ETHYLBUTYL ACETATE
		*	10	628819	ETHYLBUTYL ETHER
		*	100	106354	ETHYL BUTYL KETONE
1		*	10	1634044	ETHYL, tert-BUTYL METHYL
		*	10	97961	ETHYLBUTYRALDEHYDE
		*	10	105544	ETHYL BUTYRATE
		*	0	105588	ETHYL CARBONATE
100		*	10	75003	ETHYL CHLORIDE
		*	10	105395	ETHYL CHLOROACETATE
		*	10	541413	ETHYL CHLOROFORMATE
		*	100	535137	ETHYL-2-CHLOROPROPIONATE
		*	100	2812739	ETHYL CHLOROTHIOFORMATE
		*	10	623701	ETHYL CROTONATE
		*	10	105566	ETHYL CYANOACETATE
		*	10	598141	ETHYL DICHLOROARSINE
10		*	100	510156	ETHYL-4,4'-DICHLOROBENZILATE

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RO	TPQ	313	TRQ	CAS	Common or Chemical Name
			10	1789588	ETHYL DICHLOROSILANE
			10		ETHYL-3,3-DI(tert-BUTYL-PEROXY)BUTYRATE, maximum concentration 77% solution
		*	10		ETHYL-3,3-DI(tert-BUTYL-PEROXY)BUTYRATE, technical pure
			10		ETHYL-3,3-DI(tert-BUTYL-PEROXY)BUTYRATE with at least 50% inert inorganic solution
		*	10	74851	ETHYLENE
1	500		0	107073	ETHYLENE CHLOROHYDRIN
5K	10K		10	107153	ETHYLENEDIAMINE
5K			0	60004	ETHYLENEDIAMINE TETRA-ACETIC ACID
1		*	0	106934	ETHYLENE DIBROMIDE
100		*	0	107062	ETHYLENE DICHLORIDE
1	10		100	371620	ETHYLENE FLUOROHYDRIN
1		*	0	107211	ETHYLENE GLYCOL
		*	10	629141	ETHYLENE GLYCOL DIETHYL ETHER
		*	1	628966	ETHYLENE GLYCOL DINITRATE
		*	0	111159	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE
		*	0	109864	ETHYLENE GLYCOL MONOMETHYL ETHER
1	500	*	0	151564	ETHYLENEIMINE
10	1K	*	0	75218	ETHYLENE OXIDE
10		*	0	96457	ETHYLENE THIOUREA
100			10	60297	ETHYL ETHER
			10		ETHYL FLUID
			10	353366	ETHYL FLUORIDE
			10	109944	ETHYL FORMATE
			10	123057	ETHYL HEXALDEHYDE
			100	104756	2-ETHYL HEXYLAMINE
			10	24468131	ETHYL HEXYLCHLOROFORMATE
1K			10	75343	ETHYLIDENE CHLORIDE
			100	16219753	ETHYLIDENE NORBORNENE
			10	97621	ETHYL ISOBUTYRATE
			10	109900	ETHYL ISOCYANATE
			500	97643	ETHYL LACTATE
			10	75081	ETHYL MERCAPTAN
			0	107277	ETHYLMERCURIC CHLORIDE
			0	2235258	ETHYLMERCURIC PHOSPHATE
			0	517168	(ETHYLMERCURIC)-p-TOLUENESULPHONANILIDE
			0	517168	m-(ETHYLMERCURIC)-p-TOLUENESULPHONANILIDE
1K			0	97632	ETHYL METHACRYLATE
			10	622571	N-ETHYL-4-METHYLBENZENAMINE
			10	540670	ETHYL METHYL ETHER
			100	104905	ETHYL MORPHINE
			10	100743	n-ETHYLMORPHOLINE
			0	625581	ETHYL NITRATE
			1	109955	ETHYL NITRITE
			10	122510	ETHYL ORTHOFORMATE
			100	95921	ETHYL OXALATE
			100	1125275	ETHYL PRENYL DICHLOROSILANE
			100	993431	ETHYLPROSPHONOTHIOIC-DICHLORIDE
			100	1498404	ETHYL PROSPHONOUS DICHLORIDE
			100	1498517	ETHYL PROSPHOROCHLORIDATE
1K		*	100	84662	ETHYL PHTHALATE
			10	766096	1-ETHYL PIPERIDINE
			10	105373	ETHYL PROPIONATE
			10	628320	ETHYL PROPYL ETHER
			100	78104	ETHYL SILICATE
			10	352932	ETHYL SULFIDE
			100	540829	ETHYL SULFURIC ACID
1	10K		100	542905	ETHYL THIOCYANATE
			10	622571	ETHYL TOLUIDINE
1	500		10	115219	ETHYLTRICHLOROSILANE
			10	74862	ETHYNE
			1	7572294	ETHYNE, DICHLORO-
			500		ETIOLOGIC AGENT, n.o.s.
			1		EXPLOSIVES A
			1		EXPLOSIVES B
		*	1		EXPLOSIVES C
			10		FABRIC, ANIMAL OR VEGETABLE, with greater than 5% OIL, n.o.s.
1K			100	52857	FAMPRUR
			100	140567	FENAMINOSULF
1	10/		10	22224926	FENAMIPHOS

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1	500		0	122145	FENITROTHION
1	500		100	115902	FENSULFOTHION
			100	55389	FENTHION
			0	14484641	FERBAH
			10	64082355	FERRATE(1-), SILANETETRAYL-, LITHIUM
			100	14221477	FERRATE, TRIS ETHANEDIOATO-O,O' -, TRIAMMONIUM-
1K			100	1185575	FERRIC AMMONIUM CITRATE
			10	5548874	FERRIC AMMONIUM OXALATE
			100	14221477	FERRIC AMMONIUM OXALATE
1K			100	2944674	FERRIC AMMONIUM OXALATE
		*	0	10102495	FERRIC ARSENATE
		*	0	63989695	FERRIC ARSENITE
1K			10	7705080	FERRIC CHLORIDE
			0	9004664	FERRIC DEXTRAN
100			100	7783508	FERRIC FLUORIDE
1K			10	10421484	FERRIC NITRATE
1K			100	10028225	FERRIC SULFATE
			0	102545	FERROCENE
			10	69523064	FERROCERIUM
			10	8049170	FERROSILICON
1K			100	10045893	FERROUS AMMONIUM SULFATE
		*	0	10102508	FERROUS ARSENATE
100			100	7758943	FERROUS CHLORIDE
			10		FERROUS METAL BORINGS, CUTTINGS, SHAVINGS, or TURNINGS
1K			0	7720787	FERROUS SULFATE
			100	12604589	FERROVANADIUM
			10		FERTILIZER AMMONIATING SOLUTION, less than 35% free Ammonia
			10		FIBER, ANIMAL or VEGETABLE, with greater than 5% OIL, n.o.s.
			10		FILLERS, LIQUID
			10		FILM, MOTION PICTURE, NITROCELLULOSE BASE
			10		FIRELIGHTERS, SOLID, with FLAMMABLE LIQUID
			500		FISHMEAL and SCRAP, UNSTABILIZED
			10		FLAMMABLE GAS, n.o.s.
			10		FLAMMABLE LIQUID PREPARATIONS, n.o.s.
			10		FLAMMABLE LIQUIDS, CORROSIVE, n.o.s.
			10		FLAMMABLE LIQUIDS, n.o.s.
			10		FLAMMABLE LIQUIDS, POISONOUS, n.o.s.
			10		FLAMMABLE SOLIDS, CORROSIVE, n.o.s.
			10		FLAMMABLE SOLIDS, n.o.s.
			10		FLAMMABLE SOLIDS, POISONOUS, n.o.s.
			10	67711904	FLUE DUST, POISONOUS
1	100/		100	4301502	FLUENETIL
			100	16872110	FLUOBORIC ACID
		*	0	2164172	FLUOMETURON
5K			500	86737	FLUORENE
			10	25322149	9H-FLUOREN-9-ONE, TRINITRO-
			100		FLUORIDES
10	500		10	7782414	FLUORINE
			10	7783417	FLUORINE MONOXIDE
100	100/		0	640197	FLUROACETAMIDE
1	10/		10	144490	FLUROACETIC ACID
1	10		10	359068	FLUROACETYL CHLORIDE
			10	348549	2-FLUROANILINE
			10	371404	4-FLUROANILINE
			10	462066	FLUROBENZENE
			500	75467	FLUROFORM
			100	13537321	FLUROPHOSPHORIC ACID
			10		FLUROSilICATES, n.o.s.
			10	16961834	FLUROSilICIC ACID
			100	7789211	FLUROSULFURIC ACID
			100	7789211	FLUROSULPHONIC ACID
			10	25496086	FLUROTOLUENE
1	500/		0	51218	FLUROURACIL
1	500/		0	51218	5-FLUROURACIL
			10	16961834	FLUROSilICIC ACID
			0	17617231	FLURAZEPAM
1	500		100	944229	FONOFOS
10	500	*	0	50000	FORMALDEHYDE
1	1K	*	1	107164	FORMALDEHYDE CYANOHYDRIN
			0	75127	FORMAMIDE
1			0	68122	FORMAMIDE, N,N-DIMETHYL-

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RR	TPQ	313	TRQ	CAS	Common or Chemical Name
1	500/		100	23422539	FORMETANATE
1	500/		100	23422539	FORMETANATE HYDROCHLORIDE
5K			100	64186	FORMIC ACID
			10	592847	FORMIC ACID, BUTYL ESTER
1K	*		100	544183	FORMIC ACID, COBALT SALT
			10	107313	FORMIC ACID, METHYL ESTER
			10	542552	FORMIC ACID, 2-METHYLPROPYL ESTER
			10	638493	FORMIC ACID, PENTYL ESTER
			10	1838591	FORMIC ACID, 2-PROPENYL ESTER
			10	110747	FORMIC ACID, PROPYL ESTER
1K	*		100	557415	FORMIC ACID, ZINC SALT
			10	109944	FORMIC ACID, ETHYL ESTER
1	100		100	2540821	FORMOTHION
1	100/		100	17702577	FORMPARAMATE
1	500		10	21548323	FOSTHIETAN
		*	100	76131	FREON 113
1	100/		100	3878191	FUBERIDAZOLE
		*	10		FUEL, AVIATION, TURBINE ENGINE
			500		FUEL OIL
			100	8008206	FUEL OIL #1
			10		FUEL, PYROPHORIC, n.o.s.
10	*		1	628864	FULMINIC ACID, MERCURY SALT
5K			100	110178	FUMARIC ACID
			100	117522	FUMARIN
			10	627634	FUMARYL CHLORIDE
			100		FUNGICIDE, CORROSIVE, SOLID, n.o.s.
			10		FUNGICIDE, POISONOUS, n.o.s.
100	500		10	110009	FURAN
5K			0	98011	2-FURANCARBOXYLDEHYDE
5K	*		100	108316	2,5-FURANDIONE
			10	617890	2-FURANMETHANAMINE
			500	4795293	2-FURANMETHANAMINE, TETRAHYDRO-
			100	98000	2-FURANMETHANOL
			10	534225	FURAN, 2-METHYL-
1K			10	109999	FURAN, TETRAHYDRO-
			10	25265683	FURAN, TETRAHYDROMETHYL-
5K			0	98011	FURFURAL
			100	98000	FURFURYL ALCOHOL
			10	617890	FURFURYLAMINE
			0	1165395	1H,12H-FURO(3',2':4,5)FURD(2,3-H)PYRANO(3,4-C)(1)(BENZOPYRAN-1,12-DIONE, 3,4,7A,10A-TETRAHYDRO-5-METHOXY-
			100	7440553	GALLIUM
			0		GALLIUM ARSENIDE
1	500/		500	13450903	GALLIUM TRICHLORIDE
			10		GAS DRIPS, HYDROCARBON
			10		GASOHOL
			500	64741442	GAS OIL
			10	8006619	GASOLINE
			10	7782652	GERMANE
			10	7782652	GERMANIUM HYDRIDE
			0	14901087	beta-D-GLUCOPYRANOSIDE, (METHYL-ONN-AZOXY)METHYL)-
1			0	18883664	D-GLUCOSE, 2-DEOXY-2- (METHYLNITROSOAMINO)CARBONYL AMINO -
			100	9001370	GLUCOSE OXIDASE
			100	122101	GLUTACONIC ACID, 3-HYDROXY-, DIMETHYL ESTER, DIMETHYL PHOSPHATE
			0	59052	L-GLUTAMIC ACID, N- 4- (2,4-DIAMINO-6-PTERIDINYL) METHYL METHYLAMINO BENZOYL-
			0	111308	GLUTARALDEHYDE
1	100/		0	66819	GLUTARIMIDE, 3-(2-(3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)-HYDROXYETHYL)-
			0	96242	GLYCEROL-alpha-MONOCHLOROHRIDIN
10	*		0	55630	GLYCERYL TRINITRATE SOLUTION
10			0	765344	GLYCIDALDEHYDE
			0	556525	GLYCIDOL
10			0	765344	GLYCIDYLALDEHYDE
		*	0	139139	GLYCINE, N,N-BIS(CARBOXYMETHYL)-
5K			0	60004	GLYCINE, N,N'-1,2-ETANEDIYLBIS N-(CARBOXYMETHYL)-
			0	13256229	GLYCINE, N-METHYL-N-NITROSO-

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
REQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10		GLYCOL ETHERS ²
1		*	1	107164	GLYCOLNITRILE
	1K		100	150765	GUAIACOL
10			0	70257	GUANIDINE, 1-METHYL-3-NITRO-1-NITROSO-
			1	506934	GUANIDINE, MONONITRATE
			1	506934	GUANIDINE NITRATE
			1	556887	GUANIDINE, NITRO-
10			0	70257	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO-
			500	9000651	GUM TRAGACANTH
1	10/		0	86500	GUTHION
			10	900322	GUTTA-PERCHA SOLUTION
			1	7440586	HAFNIUM
			10	23092173	HALAZEPAM
			10		HALOETHERS
			100		HALOGENATED IRRITATING LIQUIDS, n.o.s.
			10		HALOMETHANES
			0	151677	HALOTHANE
			10		HAZARDOUS SUBSTANCE, n.o.s.
			10		HAZARDOUS WASTE, n.o.s.
			500	7440597	HELIUM
1		*	0	680319	HEMPA
1		*	0	76448	HEPTACHLOR
			10		HEPTACHLOR AND METABOLITES
1			100	1024573	HEPTACHLOR EPOXIDE
			10	142825	HEPTANE
			10	142825	n-HEPTANE
			10	30586186	HEPTANE, PENTAMETHYL-
			500	1639094	1-HEPTANETHIOL
			100	110430	2-HEPTANONE
			100	106354	3-HEPTANONE
			100	123193	4-HEPTANONE
			100	108838	4-HEPTANONE, 2,6-DIMETHYL
			10	81624046	HEPTENE
			0	116165	HEXACHLOROACETONE
10		*	0	118741	HEXACHLOROBENZENE
1		*	0	87683	HEXACHLORO-1,3-BUTADIENE
1			0	319846	alpha-HEXACHLOROXYCLOHEXANE
1			0	319857	beta-HEXACHLOROXYCLOHEXANE
1			500	319868	delta-HEXACHLOROXYCLOHEXANE
1	1K/	*	0	58899	gamma-HEXACHLOROXYCLOHEXANE
10	100	*	100	77474	HEXACHLOROCYCLOPENTADIENE
100		*	0	67721	HEXACHLOROETHANE
		*	100	1335871	HEXACHLORONAPHTHALENE
100			100	70304	HEXACHLOROPHENE
1K			100	1888717	HEXACHLOROPROPENE
			10	2917262	1-HEXADECANETHIOL
			10	42296742	HEXADIENE
100			100	757584	HEXAETHYL TETRAPHOSPHATE
			10	684162	HEXAFLUOROACETONE
			100	10543950	HEXAFLUOROACETONE HYDRATE
			500	76164	HEXAFLUOROETHANE
			100	16940811	HEXAFLUOROPHOSPHORIC ACID
			500	116154	HEXAFLUOROPROPYLENE
			100	428591	HEXAFLUOROPROPYLENE OXIDE
			500	25639423	HEXAHYDROCRESOL
			10	85427	HEXAHYDRO-1,3-ISOBENZOFURANDIONE
			10	66251	HEXALDEHYDE
			100	124094	HEXAMETHYLENE DIAMINE
1	500		100	4835114	HEXAMETHYLENEDIAMINE, N,N'-DIBUTYL-
1			100	822060	HEXAMETHYLENE DI-ISOCYANATE
			10	111499	HEXAMETHYLENEIMINE
			10	100970	HEXAMETHYLENE TETRAMINE

² includes mono- and di- ethers of ethylene glycol, diethylene glycol and methylene glycol R-(OCH₂CH₂)_n-OR' where
n = 1, 2, or 3
R = alkyl or aryl groups
R' = R, H, or groups which, when removed, yield glycol ethers with the structure. R-(OCH₂CH₂)_n-OH Polymers are excluded from the glycol category.

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1		*	0	680319	HEXAMETHYL PHOSPHORAMIDE
			10		3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXOCYCLONONANE, not more than 52% with inert solid
			10		3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXOCYCLONONANE, not more than 52% in solution
			10	22397357	3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXOCYCLONONANE, technical pure
			10	100970	HEXAMINE
			10	66251	HEXANAL
			10	123057	HEXANAL, 2-ETHYL-
1			10	110543	HEXANE
1			10	110543	n-HEXANE
			100	124094	1,6-HEXANEDIAMINE
			10	25620580	1,6-HEXANEDIAMINE, TRIMETHYL-
1			100	822060	HEXANE, 1,6-DIISOCYANATO-
			10	28679165	HEXANE, 1,6-DIISOCYANATOTRIMETHYL-
1	1K		100	111693	HEXANEDINITRILE
5K			100	124049	HEXANEDIOIC ACID
		*	100	103231	HEXANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER
			10	3006824	HEXANEPEROXIDIC ACID, 2-ETHYL-, 1,1-DIMETHYLETHYL ESTER
			500	111319	1-HEXANETHIOL
			1	35860312	HEXANITRODIPHENYLAMINE
		*	10	20062220	HEXANITROSTILBENE
			0	142621	HEXANOIC ACID
			100	123660	HEXANOIC ACID, ETHYL ESTER
			100	111273	n-HEXANOL
			100	111273	1-HEXANOL
			10	591786	2-HEXANONE
			500	110123	2-HEXANONE, 5-METHYL-
			10	592416	1-HEXENE
			100	108849	HEXYL ACETATE
			100	108849	sec-HEXYL ACETATE
			100	104756	HEXYLAMINE, 2-ETHYL-
			0	107415	HEXYLENE GLYCOL
			10	928654	HEXYL TRICHLOROSILANE
			10	2746192	HIMIC ANHYDRIDE
1	1K	*	0	302012	HYDRAZINE
10			0	1615801	HYDRAZINE, 1,2-DIETHYL-
10	1K	*	0	57147	HYDRAZINE, 1,1-DIMETHYL-
10		*	0	122667	HYDRAZINE, 1,2-DIPHENYL-
10	500	*	0	60344	HYDRAZINE, METHYL-
			0	100630	HYDRAZINE, PHENYL-
		*	0	10034932	HYDRAZINE SULFATE
10		*	0	122667	HYDRAZOBENZENE
			10		HYDRIDES, METAL, n.o.s.
			100	10034852	HYDRIODIC ACID
			10	10035106	HYDROBROMIC ACID
			10		HYDROCARBON GASES, COMPRESSED, n.o.s.
1			10		HYDROCARBON GASES, LIQUEFIED, n.o.s.
		*	100	7647010	HYDROCHLORIC ACID
10	100	*	100	74908	HYDROCYANIC ACID
100	100	*	0	7664393	HYDROFLUORIC ACID
			10	16961834	HYDROFLUOROSILICIC ACID
			10	1333740	HYDROGEN
			10	10035106	HYDROGEN BROMIDE
		*	100	7647010	HYDROGEN CHLORIDE
5K	500	*	100	7647010	HYDROGEN CHLORIDE GAS (only)
10	100	*	100	74908	HYDROGEN CYANIDE
100	100	*	0	7664393	HYDROGEN FLUORIDE
			100	10034852	HYDROGEN IODIDE, ANHYDROUS
			100	10034852	HYDROGEN IODIDE SOLUTION
1	1K		0	7722841	HYDROGEN PEROXIDE concentration greater than 52%
1	10		10	7783075	HYDROGEN SELENIDE
100	500		10	7783064	HYDROGEN SULFIDE
			10	85427	HYDROHEXAPHTHALIC ANHYDRIDE
			0	75912	HYDROPEROXIDE, 1,1-DIMETHYLETHYL
			1	2614768	HYDROPEROXIDE, (1-METHYLETHYLIDENE)-BIS-
			10	52061606	HYDROPEROXIDE, 4-METHYL-1-(1-METHYLETHYL) CYCLOHEXYL
		*	0	80159	HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL
			10	771299	HYDROPEROXIDE, 1,2,3,4-TETRAHYDRO-1-NAPHTHALENYL
			10	3025885	HYDROPEROXIDE, (1,1,4,4-TETRAMETHYL-1,4-BUTANEDIYL)BIS-
			10	5809085	HYDROPEROXIDE, 1,1,3,3-TETRAMETHYLBUTYL

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1	500/	*	10	28324529	HYDROPEROXIDE, 2,6,6-TRIMETHYLBICYCLO 3.1.1 HEPTYL
			0	123319	HYDROQUINONE
			10	16961834	HYDROSILICOFLOURIC ACID
			10	78182	1-HYDROXY-1'-HYDROPEROXY DICYCLOHEXYL PEROXIDE
		*	10		1-HYDROXY-1'-HYDROPEROXY DICYCLOHEXYL PEROXIDE, more than 90% with water
			1	10039540	HYDROXYLAMINE SULFATE
			0	127071	HYDROXYUREA
			100		HYPOCHLORITE SOLUTIONS with less than 5% AVAILABLE CHLORINE
10		*	10	13477106	HYPOCHLOROUS ACID, BARIUM SALT
			1	7778543	HYPOCHLOROUS ACID, CALCIUM SALT
			10	13840330	HYPOCHLOROUS ACID, LITHIUM SALT
			100	7778667	HYPOCHLOROUS ACID, POTASSIUM SALT
100			0	7681529	HYPOCHLOROUS ACID, SODIUM SALT
			10		IGNITER FOR AIRCRAFT THRUST DEVICE
			10	4316421	1H-IMIDAZOLE, 1-BUTYL-
			10	4342034	IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENO)-
			10	4342034	1H-IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENYL)-
			0	443481	1H-IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-
			0	60560	2H-IMIDAZOLE-2-THIONE, 1,3-DIHYDRO-1-METHYL-
			0	118525	2,4-IMIDAZOLIDINEDIONE, 1,3-DICHLORO-5,5-DIMETHYL-
10		*	0	57410	2,4-IMIDAZOLIDINEDIONE, 5,5-DIPHENYL-
			0	96457	2-IMIDAZOLIDINETHIONE
			100	56188	3,3'-IMINOBIISPROPYLAMINE
			100	3691358	1,3-INDANDIONE, 2-((p-CHLOROPHENYL)PHENYLACETYL)-
	100/		100	95136	INDENE
			100	95136	1H-INDENE
			100	83261	1H-INDENE-1,3(2H)-DIONE, 2-(2,2-DIMETHYL-1-OXOPROPYL)-
			10	82666	1H-INDENE-1,3(2H)-DIONE, 2-(DIPHENYLACETYL)-
1	10/		0	193395	INDENO (1,2,3-cd) PYRENE
			100	7440746	INDIUM
100			0	53861	INDOMETHACIN
			500		INFECTIOUS SUBSTANCE, HUMAN, n.o.s.
			10		INKS
			10		INSECTICIDE, DRY, n.o.s.
			10		INSECTICIDE GASES, NON-TOXIC, n.o.s.
			10		INSECTICIDE GASES, TOXIC, n.o.s.
		*	10		INSECTICIDE, LIQUID, n.o.s.
			10		INSECTICIDE, LIQUID, POISONOUS, n.o.s.
		*	100	7553562	IODINE
			1	7790990	IODINE CHLORIDE (ICL)
			10	7783666	IODINE FLUORIDE
			1	7790990	IODINE MONOCHLORIDE
			10	7783666	IODINE PENTAFLUORIDE
			10	513484	2-IODOBUTANE
			0	75478	IODOFORM
			10	513382	1-iodo-2-methylpropane
			500	558178	2-iodo-2-methylpropane
			10	26914023	IODOPROPANE
			100	10025975	IRIDIUM TETRACHLORIDE
			0	63989695	IRON(III) O-ARSENITE PENTAHYDRATE
1	100	*	10	13463406	IRON CARBONYL
			1K	7705080	IRON CHLORIDE
100			100	7758943	IRON CHLORIDE
			0	9004664	IRON DEXTRAN
			0	9004664	IRON DEXTRAN COMPLEX
			100	7783508	IRON FLUORIDE
			100	1309371	IRON OXIDE FUME
			1	13463406	IRON PENTACARBONYL
	100	*	500		IRON SPONGE, SPENT
			10		IRON SWarf
			0	14484641	IRON, TRIS(DIMETHYLCARBAMODITHIATO-S,S')-,
			10		IRRITATING AGENT, n.o.s.
5K			10	123922	ISOAMYL ACETATE
			100	123513	ISOAMYL ALCOHOL
			10	107824	ISOAMYL BROMIDE
			1	297789	ISOBENZAN
	100/		100	552307	5-ISOBENZOFURANCARBOXYLIC ACID, 1,3-DIHYDRO-1,3-DIOXO-
			5K	85449	1,3-ISOBENZOFURANDIONE
			100	85438	1,3-ISOBENZOFURANDIONE, 3A,4,7,7A-TETRAHYDRO-
			10	117088	1,3-ISOBENZOFURANDIONE, 4,5,6,7-TETRACHLORO-
			10	75285	ISOBUTANE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

5K			10	110190	ISOBUTYL ACETATE
			10	106638	ISOBUTYL ACRYLATE
5K			10	78831	ISOBUTYL ALCOHOL
1K			10	78819	ISOBUTYLAMINE
			10	507197	ISOBUTYL BROMIDE
			10	115117	ISOBUTYLENE
			10	542552	ISOBUTYL FORMATE
			10	513382	ISOBUTYL IODIDE
			500	97858	ISOBUTYL ISOBUTYRATE
		*	10	1873296	ISOBUTYL ISOCYANATE
			100	108838	ISOBUTYL KETONE
			10	97869	ISOBUTYL METHACRYLATE
			10	540421	ISOBUTYL PROPIONATE
		*	10	78842	ISOBUTYRALDEHYDE
5K			100	79312	ISOBUTYRIC ACID
			100	97723	ISOBUTYRIC ANHYDRIDE
	1K		10	78820	ISOBUTYRONITRILE
			10	79301	ISOBUTYRYLCHLORIDE
		*	10	3170578	ISOCYANATES, n.o.s., boiling point not less than 300C
		*	10	3170578	ISOCYANATES, solutions, n.o.s., FLAMMABLE
		*	10	3170578	ISOCYANATES, solutions, n.o.s., flash point greater than 23C and boiling point less than 300C
		*	500	71121363	ISOCYANATOBENZO-TRIFLUORIDE
1	500/		100	102363	ISOCYANIC ACID, 3,4-DICHLOROPHENYL ESTER
1		*	100	101688	ISOCYANIC ACID, METHYLENE DI-p-PHENYLENE ESTER
			10	31807553	ISODODECANE
1	100/		100	465736	ISODRIM
100	100		100	55914	ISOFLUORPHATE
			10	26675467	ISOFLURANE
			10	68975473	ISOHEPTENE
			10	27236460	ISOHEXENE
			0	2425061	1H-ISOINDOLE-1,3(2H)-DIONE, 3A,4,7,7A-TETRAHYDRO-2-(1,1,2,2-TETRACHLOROETHYL)THIO -
10		*	0	133062	1H-ISOINDOLE-1,3(2H)-DIONE, 3A,4,7,7A-TETRAHYDRO-2-(TRICHLOROMETHYL)THIO -
			0	536334	ISONICOTINAMIDE, 2-ETHYLTHIO-
			10	58449379	ISONONANOYL PEROXIDE
1			10	540841	ISOOCTANE
			100	26952216	ISOOCTANOL
			100	27215107	ISOOCTANOL HYDROGEN PHOSPHATE
			10	11071479	ISOOCTENE
			100	26952216	ISOOCTYL ALCOHOL
			10	78784	ISOPENTANE
			100	503742	ISOPENTANOIC ACID
			10		ISOPENTENES
			100	123513	ISOPENTYL ALCOHOL
5K			0	78591	ISOPHORONE
			100	2855132	ISOPHORONEDIAMINE
1	100	*	100	4098719	ISOPHORONE DIISOCYANATE
100			10	78795	ISOPRENE
			0	67630	ISOPROPANOL
			10	54590522	ISOPROPANOLAMINE DODECYLBENZENESULFONATE
1K			10	42504461	ISOPROPANOLAMINE DODECYLBENZENESULFONATE
			10	108225	ISOPROPENYL ACETATE
			10	98839	ISOPROPENYL BENZENE
			500	109591	ISOPROPOXYETHANOL
			10	108214	ISOPROPYL ACETATE
5K		*	10	108101	ISOPROPYLACETONE
			100	1623241	ISOPROPYL ACID PHOSPHATE
			0	67630	ISOPROPYL ALCOHOL
		*	0	67630	ISOPROPYL ALCOHOL (manufacture-strong acid process)
			0	671169	n-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)-p-TOLUAMIDE
			10	75310	ISOPROPYLAMINE
			500	643287	ISOPROPYLANILINE
			500	643287	n-ISOPROPYLANILINE
			10	638119	ISOPROPYL BUTYRATE
			10	105486	ISOPROPYL CHLOROACETATE
			1	108236	ISOPROPYL CHLOROFORMATE
1	1K		10	40058875	ISOPROPYL-2-CHLOROPROPIONATE
		*	10		ISOPROPYLCUMYL HYDROPEROXIDE
			10	108203	ISOPROPYL ETHER

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
		*	10	625558	ISOPROPYL FORMATE
		*	0	4016142	ISOPROPYL GLYCIDYL ETHER
		*	100	80057	4,4'-ISOPROPYLIDENEDIPHENOL
		*	10	617505	ISOPROPYL ISOBUTYRATE
		*	10	1795488	ISOPROPYL ISOCYANATE
		*	10	75332	ISOPROPYL MERCAPTAN
1	500	*	100	119380	ISOPROPYLMETHYLPYRAZOLYL DIMETHYLCARBAMATE
		*	1	1712647	ISOPROPYL NITRATE
		*	1	105646	ISOPROPYL PEROXYDICARBONATE
		*	10	637785	ISOPROPYL PROPIONATE
100		*	100	120581	ISOSAFROLE
		*	0	87332	ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium
		*	500	59018	KANAMYCIN
10		*	500	115322	KELTHANE
1		*	0	143500	KEPONE
		*	100	8008206	KEROSENE
		*	100	8008206	KEROSINE
		*	100	463514	KETENE
		*	10		KETONES, LIQUID, n.o.s.
		*	500	7439909	KRYPTON
		*	10		LACQUER
		*	10		LACQUER BASE or LACQUER CHIPS, DRY
		*	10		LACQUER BASE or LACQUER CHIPS, LIQUID
1	1K	*	100	78977	LACTONITRILE
10		*	0	303344	LASIOCARPINE
		*	500		LATEX, PAINTS
		*	10	105748	LAUROYL PEROXIDE
1*		*	0	7439921	LEAD
5K		*	0	301042	LEAD ACETATE
1		*	0	7645252	LEAD ARSENATE
1		*	0	7784409	LEAD ARSENATE
1		*	0	10102484	LEAD ARSENATE
		*	0	10031137	LEAD ARSENITE
		*	0	13424469	LEAD AZIDE
100		*	0	7758954	LEAD CHLORIDE
		*	0	7758976	LEAD CHROMATE
1		*	0		LEAD compounds
		*	0	592052	LEAD CYANIDE
		*	0	1309600	LEAD DIOXIDE
100		*	0	13814965	LEAD FLUOBORATE
100		*	0	7783462	LEAD FLUORIDE
100		*	0	10101630	LEAD IODIDE
100		*	0	10099748	LEAD NITRATE
		*	0	1309600	LEAD OXIDE
		*	0	13637768	LEAD PERCHLORATE
1		*	0	7446277	LEAD PHOSPHATE
		*	0	15845520	LEAD PHOSPHITE, DIBASIC
5K		*	0	1072351	LEAD STEARATE
5K		*	0	7428480	LEAD STEARATE
5K		*	0	56189094	LEAD STEARATE
5K		*	0	52652592	LEAD STEARATE
		*	1	63918978	LEAD STYPHATE
100		*	0	1335326	LEAD SUBACETATE
5K		*	0	1314870	LEAD SULFIDE
100		*	0	7446142	LEAD SULPHATE
100		*	0	15739807	LEAD SULPHATE
100		*	0	592870	LEAD THIOCYANATE
1	500/	*	100	21609905	LEPTOPHOS
		*	100	112561	LETRANE
1	10	*	10	541253	LEWISITE
		*	100		LIGHTER FUELS, CIGAR or CIGARETTE
		*	10	1305788	LIME
		*	100	138863	LIMONENE, inactive
1	1K/	*	0	58899	LINDANE
		*	10	68476857	LIQUEFIED PETROLEUM GAS
		*	10	7439932	LITHIUM
		*	10	50475768	LITHIUM ACETYLIDE ETHYLENEDIAMINE
		*	10	16853853	LITHIUM ALUMINUM HYDRIDE
		*	10	7782890	LITHIUM AMIDE
		*	10	16949158	LITHIUM BOROHYDRIDE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			0	554132	LITHIUM CARBONATE
10			10	14307358	LITHIUM CHROMATE
			10	64082355	LITHIUM FERROSILICON
1	100		10	7580678	LITHIUM HYDRIDE
			100	1310663	LITHIUM HYDROXIDE MONOHYDRATE
			10	13840330	LITHIUM HYPOCHLORITE
			1	7790694	LITHIUM NITRATE
			10	26134623	LITHIUM NITRIDE
			10	12051800	LITHIUM PEROXIDE
			10	68848646	LITHIUM SILICON
			100	8012746	LONDON PURPLE
			100	846491	LORAZEPAM
			10	68476857	LPG
1K			100	1310732	LYE SOLUTION
			0	57636	LYNESTRENOL
1		*	100	532274	MACE
			10	7439954	MAGNESIUM
			10		MAGNESIUM ALKYL
			10		MAGNESIUM ALLUMINUM PHOSPHIDE
			10	7803545	MAGNESIUM AMIDE
			0	10103501	MAGNESIUM ARSENATE
			100		MAGNESIUM BISULFITE solution
			10	7789368	MAGNESIUM BROMATE
			10	75161	MAGNESIUM, BROMOMETHYL-
			10	10326213	MAGNESIUM CHLORATE
			10	7803545	MAGNESIUM DIAMIDE
			10	557186	MAGNESIUM, DIETHYL-
			10	2999748	MAGNESIUM, DIMETHYL-
			10	555544	MAGNESIUM DIPHENYL
			10	60616742	MAGNESIUM HYDRIDE
			10	10377603	MAGNESIUM NITRATE
			100	1309484	MAGNESIUM OXIDE
			10	10034818	MAGNESIUM PERCHLORATE
			10	14452574	MAGNESIUM PEROXIDE
			10	12057748	MAGNESIUM PHOSPHIDE
			10	39404030	MAGNESIUM SILICIDE
			100	18972560	MAGNESIUM SILICOFLOURIDE
100			0	121755	MALATHION
5K			100	110167	MALEIC ACID
5K		*	100	108316	MALEIC ANHYDRIDE
1K	500/		100	109773	MALONONITRILE
		*	0	12427382	MANEB
		*	10	7439965	MANGANESE
			10		MANGANESE compounds
1		*	100	12079651	MANGANESE CYCLOPENTADIENYL TRICARBONYL
		*	10	1313139	MANGANESE DIOXIDE
		*	0	12427382	MANGANESE, (ETHYLENEBIS(DITHIOCARBAMATO))-
		*	10	10377669	MANGANESE NITRATE
		*	10	1313139	MANGANESE OXIDE
		*	500	1317346	MANGANESE OXIDE
		*	10	9008348	MANGANESE RESINATE
		*	100	12079651	MANGANESE, TRICARBONYL(eta 5-2,4-CYCLOPENTADIEN-1-YL)-
1	100	*	100	12108133	MANGANESE, TRICARBONYL (1,2,3,4,5-eta)-1-METHYL-2,4-CYCLOPENTADIEN-1-YL-
1	100	*	100	12108133	MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL
		*	500	1317346	MANGANESE TRIOXIDE
			1	15825704	MANNITOL HEXANITRATE
			1	15825704	D-MANNITOL, HEXANITRATE
			10		MATCHES
1		*	100	101688	MDI
1	10	*	0	51752	MECHLORETHAMINE
		*	100	137053	MECRYLATE
10			1	1338234	MEKP
			100	108781	MELAMINE
1			0	148823	MELPHALAN
			100	25134218	MENTETRAHYDROPHTHALIC ANHYDRIDE
			100	80477	D-MENTHANE HYDROPEROXIDE
			100	80477	MENTHANE-8-HYDROPEROXIDE
1	500		100	950107	MEPHOSFOLAN
			0	57534	MEPROBAMATE
			10		MERCAPTANS and MIXTURES, LIQUID, n.o.s.
10	500/		100	2032657	MERCAPTOIMETHUR

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			0	2235258	MERCURATE(2-), ETHYL PHOSPHATO(3-)-O -, DIHYDROGEN
		*	100	7783337	MERCURATE(2-), TETRAIDO-, DIPOTASSIUM
		*	100	591899	MERCURATE(2-), TETRAKIS(CYANO-C)-, DIPOTASSIUM, (T-4)-
1	500/	*	0	1600277	MERCURIC ACETATE
		*	0	7784374	MERCURIC ARSENATE
		*	0	583153	MERCURIC BENZOATE
		*	100	7789471	MERCURIC BROMIDE
1	500/	*	0	7487947	MERCURIC CHLORIDE
		*	100	10124488	MERCURIC CHLORIDE, AMMONIATED
1		*	1	592041	MERCURIC CYANIDE
		*	0	7774290	MERCURIC IODIDE
10		*	10	10045940	MERCURIC NITRATE
1	500/	*	10	21908532	MERCURIC OXIDE
		*	1	1335315	MERCURIC OXYCYANIDE
		*	100	591899	MERCURIC POTASSIUM CYANIDE
		*	100	1312034	MERCURIC SUBSULFATE
10		*	100	7783359	MERCURIC SULFATE
		*	100	12002196	MERCUROL
		*	0	7546307	MERCUROUS CHLORIDE
		*	100	10112911	MERCUROUS CHLORIDE
		*	100	7783304	MERCUROUS IODIDE
		*	10	778267	MERCUROUS NITRATE
10		*	10	10415755	MERCUROUS NITRATE
		*	100	15829535	MERCUROUS OXIDE
		*	100	7783360	MERCUROUS SULFATE
1		*	100	7439976	MERCURY
100	500/	*	0	62384	MERCURY, (ACETATO-O)PHENYL-
		*	10	11110524	MERCURY ALLOY, BASE
		*	100	10124488	MERCURY AMIDE CHLORIDE
		*	100	10124488	MERCURY, AMMONIATED
		*	100	10124488	MERCURY AMMONIUM CHLORIDE
		*	0		MERCURY-BASED PESTICIDES, LIQUID, FLAMMABLE, TOXIC, n.o.s., flash point less than 23C
		*	0		MERCURY-BASED PESTICIDES, LIQUID, FLAMMABLE, TOXIC, n.o.s., flash point between 23C and 61C
		*	0		MERCURY-BASED PESTICIDES, LIQUID, TOXIC, n.o.s.
		*	0		MERCURY-BASED PESTICIDES, SOLID, TOXIC, n.o.s.
		*	0	583153	MERCURY (II) BENZOATE
		*	100	7789471	MERCURY BROMIDE
		*	100	15385587	MERCURY BROMIDE
		*	100	15385587	MERCURY(1)BROMIDE(1:1)
		*	100	10031182	MERCURY(1)BROMIDE(1:1)
		*	100	10031182	MERCURY BROMIDE
1	500/	*	0	7487947	MERCURY CHLORIDE
		*	100	10112911	MERCURY CHLORIDE
		*	0	7546307	MERCURY CHLORIDE
		*	0	107277	MERCURY, CHLOROETHYL-
1		*	10		MERCURY compounds
1		*	1	592041	MERCURY CYANIDE
		*	1	1335315	MERCURY CYANIDE OXIDE
1	500/	*	0	502396	MERCURY, (3-CYANOQUANIDINO)-METHYL
		*	0	593748	MERCURY, DIMETHYL-
		*	0	517168	MERCURY, ETHYL (-P-TOLUENESULPHONANILIDATO)-
10		*	1	628864	MERCURY FULMINATE
		*	0	63937144	MERCURY GLUCONATE
		*	0	5970321	MERCURY, 2-HYDROXYBENZOATO(2-)-O1,O2 -
		*	0	100572	MERCURY, HYDROXYPHENYL-
		*	100	7783304	MERCURY IODIDE
		*	0	7774290	MERCURY (II) IODIDE
		*	0	55685	MERCURY, (NITRATO-O)PHENYL-
		*	100	12002196	MERCURY NUCLEATE
		*	0	1191806	MERCURY OLEATE
		*	100	15829535	MERCURY OXIDE
		*	100	1312034	MERCURY OXIDE SULFATE
		*	100	7783337	MERCURY POTASSIUM IODIDE
		*	0	5970321	MERCURY SALICYLATE
10		*	100	592858	MERCURY THIOCYANATE
		*	100	108678	MESITYLENE
		*	0	141797	MESITYL OXIDE
		*	0	72333	MESTRANOL
		*	10		METAL ALKYL HALIDE, n.o.s.

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10		METAL ALKYL HYDRIDE, n.o.s.
			10		METAL ALKYL, n.o.s.
			10		METAL ALKYL SOLUTION, n.o.s.
			10	108623	METALDEHYDE
1	1K		100	10476956	METHACROLEIN DIACETATE
			0	78853	METHACRYLALDEHYDE
			1	79414	METHACRYLIC ACID
1	500		100	760930	METHACRYLIC ANHYDRIDE
1K	500	*	10	126987	METHACRYLONITRILE
1	100		10	920467	METHACRYLOYL CHLORIDE
1	100	*	100	30674807	METHACRYLOYLOXYETHYL ISOCYANATE
			10	513428	METHALLYL ALCOHOL
1	100/		100	10265926	METHAMIDOPHOS
100			10	74895	METHANAMINE
1K			10	124403	METHANAMINE, N-METHYL-
10	1K	*	0	62759	METHANAMINE, N-METHYL-N-NITROSO-
100			10	75503	METHANAMINE, N,N-DIMETHYL-
		*	100	569642	METHANAMINIUM, N- 4- 4-(DIMETHYLAMINO)PHENYL PHENYLMETHYLENE -2,5-CYCLO HEXADIEN-1-YLIDENE -N-METHYL-, CHLORIDE
			100	75592	METHANAMINIUM, N,N,N-TRIMETHYL-, HYDROXIDE
		*	10	74828	METHANE
1K	1K	*	0	74839	METHANE, BROMO-
		*	500	74975	METHANE, BROMOCHLORO-
		*	0	353593	METHANE, BROMOCHLORODIFLUORO-
		*	500	75638	METHANE, BROMOTRIFLUORO-
100		*	0	74873	METHANE, CHLORO-
		*	500	75456	METHANE, CHLORODIFLUORO-
10	100	*	0	107302	METHANE, CHLOROMETHOXY-
		*	500	75729	METHANE, CHLOROTRIFLUORO-
		*	500	51809	METHANEDIAMINE, N,N,N',N'-TETRAMETHYL-
1		*	1	334883	METHANE, DIAZO-
1K		*	100	74953	METHANE, DIBROMO-
		*	100	75616	METHANE, DIBROMODIFLUORO-
1K		*	0	75092	METHANE, DICHLORO-
5K		*	100	75718	METHANE, DICHLORODIFLUORO-
		*	10	109875	METHANE, DIMETHOXY-
		*	10	593533	METHANE, FLUORO-
100		*	0	74884	METHANE, IODO-
1	500	*	10	624839	METHANE, ISOCYANATO-
		*	10	6427210	METHANE, ISOCYANATOMETHOXY-
1	500	*	10	556616	METHANE, ISOTHIOCYANATO-
		*	10	75525	METHANE, NITRO-
		*	10	115106	METHANE, OXYBIS-
10	100	*	0	542881	METHANE, OXYBIS(CHLORO-)
100	500	*	100	594423	METHANESULFENYL CHLORIDE, TRICHLORO-
		*	100	75752	METHANESULFONIC ACID
1		*	0	62500	METHANESULFONIC ACID, ETHYL ESTER
		*	0	66273	METHANESULFONIC ACID, METHYL ESTER
1	1K	*	100	558258	METHANESULFONYL FLUORIDE
		*	100	558134	METHANE, TETRABROMO-
10		*	0	56235	METHANE, TETRACHLORO-
		*	500	75730	METHANE, TETRAFLUORO-
10	500	*	10	509148	METHANE, TETRANITRO-
		*	10	75183	METHANE, THIOBIS-
100	500	*	10	74931	METHANETHIOL
100		*	0	75252	METHANE, TRIBROMO-
10	10K	*	0	67663	METHANE, TRICHLORO-
5K		*	100	75694	METHANE, TRICHLOROFLUORO-
		*	100	76062	METHANE, TRICHLORONITRO-
		*	500	75467	METHANE, TRIFLUORO-
		*	0	75478	METHANE, TRIODO-
1	10K	*	0	115297	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN, 6,7,8,9,10,10-HEXACHLORO-1, 5,5A,6,9,9A-HEXAHYDRO-, 3-OXIDE
		*	100	77736	4,7-METHANO-1H-INDENE, 3A,4,7,7A-TETRAHYDRO-
1		*	0	76448	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8,-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-
		*	10	2746192	4,7-METHANOISOBENZOFURAN-1,3-DIONE, 3A,4,7,7A-TETRAHYDRO-, (3A alpha, 4 beta,7 beta,7A alpha)-
5K		*	10	67561	METHANOL
1K		*	10	124414	METHANOL, SODIUM SALT
		*	0	90948	METHANONE-BIS, 4-(DIMETHYLAMINO) PHENYL -
5K		*	0	91805	METHAPYRILENE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW			
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name	
			10	100970	METHENAMINE	
			0	2385855	1,3,4-METHENO-1H-CYCLOBUTA cd PENTALENE, 1,1a,2,2,3,3a,4,5,5,5a,5b,6-DODECACHLOROCTAHYDRO-	
1			0	143500	1,3,4-METHENO-2H-CYCLOBUTA cd PENTALEN-2-ONE, 1,1a,3,3a,4,5,5,5a,5b,6-DECACHLOROCTAHYDRO-	
1	500/		0	950378	METHIDATHION	
			0	60560	METHIMAZOLE	
10	500/		100	2032657	METHIOCARB	
100	500/		100	16752775	METHOMYL	
			0	59052	METHOTREXATE	
1		*	0	72435	METHOXYCHLOR	
		*	0	109864	2-METHOXYETHANOL	
		*	100	110496	2-METHOXYETHYL ACETATE	
1	500/	*	0	151382	METHOXYETHYLMERCURIC ACETATE	
			0	76380	METHOXYFLURANE	
		*	10	6427210	METHOXYMETHYL ISOCYANATE	
			100	107700	4-METHOXY-4-METHYLPENTAN-2-ONE	
			100	150765	4-METHOXYPHENOL	
			10	79209	METHYL ACETATE	
			10	74997	METHYL ACETYLENE	
		*	0	96333	METHYL ACRYLATE	
1K	500	*	10	126987	METHYLACRYLONITRILE	
			10	109875	METHYLAL	
5K		*	10	67561	METHYL ALCOHOL	
			0	563473	METHYL ALLYL CHLORIDE	
			10	12263853	METHYL ALUMINUM SESQUIBROMIDE	
			10	12542857	METHYL ALUMINUM SESQUICHLORIDE	
100			10	74895	METHYLAMINE	
			100	108849	METHYL AMYL ACETATE	
			100	108112	METHYL AMYL ALCOHOL	
			100	100618	METHYLANILINE	
			100	93583	METHYLBENZOATE	
			100	98851	alpha-METHYLBENZYL ALCOHOL	
1K	1K	*	0	74839	METHYL BROMIDE	
			100	96322	METHYL BROMOACETATE	
100			10	504609	1-METHYL BUTADIENE	
			10	110667	2-METHYL-2-BUTANETHIOL	
			10	26760645	METHYLBUTENE	
			10	110689	n-METHYLBUTYLAMINE	
			10	4435534	METHYL-1,3-BUTYLENE GLYCOL ACETATE	
			10	623427	METHYL BUTYRATE	
1			0	615532	METHYL CARBAMATE	
		*	0	109864	METHYL CELLOSOLVE	
		*	100	110496	METHYL CELLOSOLVE ACETATE	
100		*	0	74873	METHYL CHLORIDE	
			100	96344	METHYL CHLOROACETATE	
1	500		0	80637	METHYL-2-CHLOROACRYLATE	
1K	500		10	79221	METHYL CHLOROCARBONATE	
1K		*	0	71556	METHYL CHLOROFORM	
1K	500		10	79221	METHYL CHLOROFORMATE	
			10	17639939	METHYL-2-CHLOROPROPIONATE	
			100	993000	METHYL CHLOROSILANE	
10			0	56495	3-METHYLCHOLANTHRENE	
		*	100	137053	METHYL 2-CYANOACRYLATE	
			10	108872	METHYLCYCLOHEXANE	
			500	25639423	METHYL CYCLOHEXANOL	
			500	383608	alpha-METHYLCYCLOHEXANONE	
1	100	*	100	12108133	METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL	
			0	96377	METHYL CYCLOPENTANE	
			100	8022002	METHYL DEMETON	
			100	116541	METHYL DICHLOROACETATE	
			100	593895	METHYL DICHLOROARSINE	
			10	75547	METHYL DICHLOROSILANE	
			10	624920	METHYL DISULFIDE	
			0	555306	alpha-METHYLDOPA	
10		*	0	101144	4,4'-METHYLENEBIS (2-CHLOROANILINE)	
			100	5124301	METHYLENE BIS (4-CYCLOHEXYLISOCYANATE)	
		*	0	101611	4,4'-METHYLENEBIS (N,N-DIMETHYL) BENZENAMINE	
1		*	100	101688	METHYLENE BISPHENYL ISOCYANATE	
1K		*	100	74953	METHYLENE BROMIDE	
1K		*	0	75092	METHYLENE CHLORIDE	

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1		*	0	101779	4,4'-METHYLENE DIANILINE
100		*	100	120581	1,2-METHYLENEDIOXY-4-PROPENYL-BENZENE
10			0	94586	1,2-METHYLENEDIOXY-4-PROPYL-BENZENE
			10	115106	METHYL ETHER
			10	540670	METHYL ETHYL ETHER
5K		*	10	78933	METHYL ETHYL KETONE
10			1	1338234	METHYL ETHYL KETONE PEROXIDE
			100	104905	2-METHYL-5-ETHYLPYRIDINE
			10	593533	METHYL FLUORIDE
			10	107313	METHYL FORMATE
			10	534225	2-METHYLFURAN
			100	541855	5-METHYL-3-HEPTANONE
10	500	*	0	60344	METHYL HYDRAZINE
100		*	0	74884	METHYL IODIDE
			500	110123	METHYL ISOAMYL KETONE
			100	108112	METHYL ISOBUTYL CARBINOL
5K		*	10	108101	METHYL ISOBUTYL KETONE
			10	37206205	METHYL ISOBUTYL KETONE PEROXIDE
1	500	*	10	624839	METHYL ISOCYANATE
			10	814788	METHYL ISOPROPENYL KETONE, inhibited
			10	563804	METHYL ISOPROPYL KETONE
1	500	*	10	556616	METHYL ISOTHIOCYANATE
			10	556241	METHYL ISOVALERATE
			10	75161	METHYL MAGNESIUM BROMIDE
100	500		10	74931	METHYL MERCAPTAN
1	500/	*	0	502396	METHYL MERCURY DICYANDIAMIDE
1K		*	0	80626	METHYL METHACRYLATE
			10	109024	METHYLMORPHOLINE
			10	109024	4-METHYLMORPHOLINE
			100	110430	METHYL (N-AMYL) KETONE
			10	591786	METHYL N-BUTYL KETONE
			1	624919	METHYL NITRITE
10			0	70257	1-METHYL-3-NITRO-1-NITROSO-GUANIDINE
			10	681845	METHYL ORTHO SILICATE
100	100/		0	298000	METHYL PARATHION
			10	54363494	METHYLPENTADIENE
			10	43133955	METHYLPENTANE
			10	590363	2-METHYL-2-PENTANOL
			100	110430	METHYL PENTYL KETONE
1	500		100	3735237	METHYL PHENKAPTON
1	1K		10	149746	METHYLPHENYLDICHLOROSILANE
1	100		100	676971	METHYL PHOSPHONIC DICHLORIDE
			10	676982	METHYL PHOSPHONOTHIOIC DICHLORIDE
			10	676835	METHYL PHOSPHONOUS DICHLORIDE
			10	626675	1-METHYLPYPERIDINE
			10	554121	METHYL PROPIONATE
			10	557175	METHYL PROPYL ETHER
			10	107879	METHYL PROPYL KETONE
1	500		0	919868	METHYL-S-DEMETON
			10	681845	METHYL SILICATE
			10	98839	METHYL STYRENE
100	500	*	0	77781	METHYL SULFATE
			10	75183	METHYL SULFIDE
1		*	10	1634044	METHYL-tert-BUTYL ETHER
			10	25265683	METHYL TETRAHYDROFURAN
1	10K	*	100	556649	METHYL THIOCYANATE
10			0	56042	6-METHYL-2-THIOURACIL
			500	598992	METHYL TRICHLOROACETATE
			10	75796	METHYL TRICHLOROSILANE
1	500		0	615532	METHYL URETHANE
			10	123159	METHYL VALERALDEHYDE
1	10		0	78944	METHYL VINYL KETONE
1	100/		0	1129415	METOLCARB
			100	21087649	METRIBUZIN
			0	443481	METRONIDAZOLE
10	500		500	7786347	MEVINPHOS
1K	500/		100	315184	MEXACARBATE
		*	0	90948	MICHLERS KETONE
			10	8032324	MINERAL SPIRITS
			100		MINING REAGENT, LIQUID
			0	2385855	MIREX

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RR	TPQ	313	TRQ	CAS	Common or Chemical Name
1	500/	*	10		MISCHMETAL, POWDER
			0	50077	MITOMYCIN C
		*	0		MIXED ACID (NITRATING ACID)
			10		MIXED ACID, SPENT
			100	7439987	MOLYBDENUM
			100	10241051	MOLYBDENUM CHLORIDE
			100	10241051	MOLYBDENUM PENTACHLORIDE
			500	1317335	MOLYBDENUM (IV) SULFIDE
		*	100	1313275	MOLYBDENUM TRIOXIDE
			100	13106768	MOLYBDIC ACID, DIAMMONIUM SALT
1	10/		0	6923224	MONOCROTOPHOS
			100	13537321	MONOFLUOROPHOSPHORIC ACID
			100	110918	MORPHOLINE
			10	100743	MORPHOLINE, 4-ETHYL-
1		*	0	59892	MORPHOLINE, 4-NITRISO-
			100	123002	4-MORPHOLINEPROPANAMINE
			10		MOTOR FUEL ANTI-KNOCK COMPOUND
		*	10		MOTOR FUEL, n.o.s.
			10	8006619	MOTOR SPIRIT
		*	100	7647010	MURIATIC ACID
1K	500/		100	2763964	MUSCIMOL
			100	81152	MUSK EXYLENE
1	500	*	0	505602	MUSTARD GAS
10			0	300765	NALED
			10	8032324	NAPHTHA
			100	65996794	NAPHTHA
			0	60548	2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTA HYDRO-3,6,10,12,12A-PENTAHYDROXY-6-METHYL-1,11-DIOXO-4S-(4alpha, 4Aalpha,5Aalpha,6beta,12Aalpha) -
10			0	20830813	5,12-NAPHTHACENEDIONE, 8-ACETYL-10- (3-AMINO-2,3,6-TRIDEOXY-alpha-L- LYXO-HEXOPYRANOSYL)OXY -7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1- METHOXY-, (8S-cis)-
			0	23214928	5,12-NAPHTHACENEDIONE, 10- (3-AMINO-2,3,6-TRIDEOXY- alpha-L-LYXO- HEXOPYRANOSYL)OXY -7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-8- (HYDROXYACETYL)-1-METHOXY-, (8S-cis)-
			10	8032324	NAPHTHA DISTILLATE
100		*	0	134327	1-NAPHTHALENAMINE
10		*	0	91598	2-NAPHTHALENAMINE
			0	135886	2-NAPHTHALENAMINE, N-PHENYL-
100		*	0	91203	NAPHTHALENE
			100	91178	NAPHTHALENE, DECAHYDRO-
		*	100	25551284	NAPHTHALENE DIISOCYANATE
		*	100	25551284	NAPHTHALENE, DIISOCYANATO-
			100	130154	1,4-NAPHTHALENEDIONE
5K			100	117806	1,4-NAPHTHALENEDIONE, 2,3-DICHLORO-
1			0	25180192	2,7-NAPHTHALENEDISULFONIC ACID, 5-AMINO-3- 4'- (7-AMINO-1-HYDROXY-3- SULFO-2-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -4-HYDROXY
			0	2429734	2,7-NAPHTHALENEDISULFONIC ACID, 5-AMINO-3- 4'- (7-AMINO-1-HYDROXY-3- SULFO-2-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -4-HYDROXY-, TRISODIUM SALT
			0	25156494	2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-3- 4'- (2,4-DIAMINO-5-METHYL PHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -5-HYDROXY-6-(PHENYLAZO)-
			0	2429836	2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-3- 4'- (2,4-DIAMINO-5-METHYL PHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -5-HYDROXY-6-(PHENYLAZO)-, DISODIUM SALT
		*	0	1937377	2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-3- 4'- (2,4-DIAMINO PHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -5-HYDROXY-6-(PHENYLAZO)-, DISODIUM SALT
10			10	2586574	1,3-NAPHTHALENEDISULFONIC ACID, 4-AMINO-5-HYDROXY-6- 4'- (2-HYDROXY-1- NAPHTHALENYL)AZO -3,3'-DIMETHOXY 1,1'-BIPHENYL -4-YL AZO -, DISODIUM SALT
10			10	4335095	2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-5-HYDROXY-6- 4'- (4-HYDROXY PHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -3- (4-NITROPHENYL)AZO -, DISODIUM SALT
			0	25180454	2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-5-HYDROXY-3- 4'- (4-HYDROXY PHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -6-(PHENYLAZO)-
			0	3626286	2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-5-HYDROXY-3- 4'- (4-HYDROXY PHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -6-(PHENYLAZO)-, DISODIUM SALT
			0	25180465	2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-5-HYDROXY-6- 4'- (4-HYDROXY PHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -3- (4-NITROPHENYL)AZO -
			0	2429803	2,7-NAPHTHALENEDISULFONIC ACID, 3-AMINO-4- 4'- 4- (4-METHYLPHENYL)

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

		*	0	2602462	SULFONYL OXY PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -, DISODIUM SALT
			0	2610051	2,7-NAPHTHALENEDISULFONIC ACID, 3,3'- 1,1'-BIPHENYL -4,4'-DIYLBIS(AZO) BIS 5-AMINO-4-HYDROXY-, TETRASODIUM SALT
			10	2429745	1,3-NAPHTHALENEDISULFONIC ACID, 6,6'- (3,3'-DIMETHOXY 1,1'-BIPHENYL -4,4'-DIYL)BIS(AZO) BIS 4-AMINO-5-HYDROXY-, TETRASODIUM SALT
			10	2150541	2,7-NAPHTHALENEDISULFONIC ACID, 3,3'- (3,3'-DIMETHOXY 1,1'-BIPHENYL -4,4'-DIYL)BIS(AZO) BIS 5-AMINO-4-HYDROXY-, TETRASODIUM SALT
			10	25180272	2,7-NAPHTHALENEDISULFONIC ACID, 3,3'- (3,3'-DIMETHYL 1,1'-BIPHENYL -4,4'-DIYL)BIS(AZO) BIS 4,5-DIHYDROXY-, TETRASODIUM SALT
10			0	72571	2,7-NAPHTHALENEDISULFONIC ACID, 3,3'- (3,3'-DIMETHYL 1,1'-BIPHENYL -4,4'-DIYL)BIS(AZO) BIS 5-AMINO-4-HYDROXY-, TETRASODIUM SALT
			10	6459945	1,3-NAPHTHALENEDISULFONIC ACID, 8- 3,3'-DIMETHYL-4'- 4- (4-METHYLPHENYL) SULFONYL OXY PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -7-HYDROXY-, DISODIUM SALT
		*	10	3761533	2,7-NAPHTHALENEDISULFONIC ACID, 4- (2,4-DIMETHYLPHENYL)AZO -3-HYDROXY-, DISODIUM SALT
			10	6358298	1,3-NAPHTHALENEDISULFONIC ACID, 8- 4'- (4-ETHOXYPHENYL)AZO -3, 3'-DIMETHYL 1,1'-BIPHENYL -4-YL AZO -7-HYDROXY-, DISODIUM SALT
			0	3530196	1,3-NAPHTHALENEDISULFONIC ACID, 8- 4'- (4-ETHOXYPHENYL)AZO 1,1'-BIPHENYL -4-YL AZO -7-HYDROXY-, DISODIUM SALT
			0	3567655	1,3-NAPHTHALENEDISULFONIC ACID, 7-HYDROXY-8- 4'- 4- (4-METHYLPHENYL) SULFONYL OXY PHENYL AZO 1,1'-BIPHENYL -4-YL AZO -, DISODIUM SALT
		*	100	1335871	NAPHTHALENE, HEXACHLORO-
			10	27254360	NAPHTHALENE, NITRO-
		*	100	2234131	NAPHTHALENE, OCTACHLORO-
			100	1321648	NAPHTHALENE, PENTACHLORO-
			10	1937355	1-NAPHTHALENESULFONIC ACID, 4-AMINO-3- 4'- (2-AMINO-8-HYDROXY-6-SULFO -1-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -, DISODIUM SALT
			10	25188301	1-NAPHTHALENESULFONIC ACID, 4-AMINO-3- 4'- (2-AMINO-8-HYDROXY-6-SULFO -1-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -
			10	2429701	1-NAPHTHALENESULFONIC ACID, 4-AMINO-3- 4'- (1-HYDROXY-4-SULFO-2-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -, DISODIUM SALT
			10	25188298	1-NAPHTHALENESULFONIC ACID, 4-AMINO-3- 4'- (1-HYDROXY-4-SULFO-2-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -
			0	573580	1-NAPHTHALENESULFONIC ACID, 3,3'- 1,1'-BIPHENYL -4,4'-DIYLBIS(AZO) BIS 4-AMINO-, DISODIUM SALT
			0	25188447	2-NAPHTHALENESULFONIC ACID, 5,5'- 1,1'-BIPHENYL -4,4'-DIYLBIS(AZO) BIS 6-AMINO-4-HYDROXY-
			10	2586609	2-NAPHTHALENESULFONIC ACID, 5,5'- 1,1'-BIPHENYL -4,4'-DIYLBIS(AZO) BIS 6-AMINO-4-HYDROXY-, DISODIUM SALT
			10	2429712	1-NAPHTHALENESULFONIC ACID, 3,3'- (3,3'-DIMETHOXY 1,1'-BIPHENYL -4,4'-DIYL)BIS(AZO) BIS 4-HYDROXY-, DISODIUM SALT
			10	992596	1-NAPHTHALENESULFONIC ACID, 3,3'- (3,3'-DIMETHYL 1,1'-BIPHENYL -4,4'-DIYL)BIS(AZO) BIS 4-AMINO-, DISODIUM SALT
			500	1335882	NAPHTHALENE, TETRACHLORO-
			100	1321659	NAPHTHALENE, TRICHLORO-
			1	55810178	NAPHTHALENE, TRINITRO
			10	6426671	1,3,6-NAPHTHALENETRISULFONIC ACID, 8-HYDROXY-7- 4'- (2-HYDROXY-1-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -, TRISODIUM SALT
			10	25329822	1,3,6-NAPHTHALENETRISULFONIC ACID, 8-HYDROXY-7- 4'- (2-HYDROXY-1-NAPHTHALENYL)AZO 1,1'-BIPHENYL -4-YL AZO -
			10	6358538	2-NAPHTHALENOL, 1- (2,5-DIMETHOXYPHENYL)AZO -
		*	10	3118976	2-NAPHTHALENOL, 1- (2,4-DIMETHYLPHENYL)AZO -
		*	0	842079	2-NAPHTHALENOL, 1-(PHENYLAZO)-
			10	8032324	NAPHTHA, PETROLEUM
			10		NAPHTHA, SOLVENT
		*	10	61789513	NAPHTHENIC ACID, COBALT SALT
100		*	0	134327	1-NAPHTHYLAMINE
1		*	0	91598	2-NAPHTHYLAMINE
100		*	0	134327	alpha-NAPHTHYLAMINE
10		*	0	91598	beta-NAPHTHYLAMINE
			10	30553049	NAPHTHYLTHIOUREA
100	500/		0	86884	alpha-NAPHTHYL THIOUREA
			10	6950841	1-NAPHTHYLUREA
			10	13114620	2-NAPHTHYLUREA
100			100	1338245	NAPHTHENIC ACID
			10	74828	NATURAL GAS, LIQUID (REFRIGERATED) with a high METHANE content
			10		NATURAL GASOLINE
			10	74828	NATURAL GAS with a high METHANE content, COMPRESSED

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
		*	0	64093794	NEOCHROMIUM
			10	26748414	NEODECANEPEROXIC ACID, 1,1-DIMETHYLETHYL ESTER
			10	26748470	NEODECANEPEROXIC ACID, 1-METHYL-1-PHENYLETHYL ESTER
			10	75832	NEOHXANE
			500	7440019	NEON
			10	463821	NEOPENTANE
100*		*	0	7440020	NICKEL
1			10		NICKEL compounds
100		*	100	15699180	NICKEL AMMONIUM SULFATE
10	1	*	0	13463393	NICKEL CARBONYL
100*		*	0	7440020	NICKEL CATALYST, DRY
			10		NICKEL CATALYST, FINELY DIVIDED, ACTIVATED or SPENT
100		*	100	37211055	NICKEL CHLORIDE
100		*	0	7718549	NICKEL CHLORIDE
10		*	100	557197	NICKEL CYANIDE
10		*	0	12054487	NICKEL HYDROXIDE
		*	10	13138459	NICKEL NITRATE
100		*	10	14216752	NICKEL NITRATE
		*	10	17861620	NICKEL NITRITE
100		*	0	7786814	NICKEL SULFATE
100	100	*	0	54115	NICOTINE
			10		NICOTINE, compounds and preparations, n.o.s.
		*	0	16543558	NICOTINE, 1'-DEMETHYL-1'-NITROSO-
			500	2820511	NICOTINE HYDROCHLORIDE
			100	29790521	NICOTINE SALICYLATE
1	100/		100	65305	NICOTINE SULFATE
			100	3275738	NICOTINE TARTRATE
			1	479458	NITRAMINE
			100	1929824	NITRAPYRIN
			10		NITRATES, inorganic, n.o.s.
			10		NITRATING ACID, MIXTURES
		*	10		NITRATING ACID MIXTURE, SPENT
1K	1K	*	10	7697372	NITRIC ACID
			10	13473900	NITRIC ACID, ALUMINUM SALT
		*	10	6484522	NITRIC ACID, AMMONIUM SALT
		*	10	10022318	NITRIC ACID, BARIUM SALT
1		*	10	13597994	NITRIC ACID, BERYLLIUM SALT
			1	10124375	NITRIC ACID, CALCIUM SALT
			10	7789186	NITRIC ACID, CESIUM SALT
		*	1	13548384	NITRIC ACID, CHROMIUM (3+)
100		*	10	3251238	NITRIC ACID, COPPER(II) SALT
			0	625581	NITRIC ACID, ETHYL ESTER
1K			10	10421484	NITRIC ACID, IRON(III) SALT
100		*	0	10099748	NITRIC ACID, LEAD (2+) SALT
			1	7790694	NITRIC ACID, LITHIUM SALT
			10	10377603	NITRIC ACID, MAGNESIUM SALT
		*	10	10377669	NITRIC ACID, MANGANESE(2+) SALT
10		*	10	10415755	NITRIC ACID, MERCURY(1+) SALT
10		*	10	10045940	NITRIC ACID, MERCURY(II) SALT
			1	1712647	NITRIC ACID, 1-METHYLETHYL ESTER
		*	10	13138459	NITRIC ACID, NICKEL(2+) SALT
			10	1002160	NITRIC ACID, PENTYL ESTER
			10	7757791	NITRIC ACID POTASSIUM SALT
			1	627134	NITRIC ACID, PROPYL ESTER
1		*	0	7761888	NITRIC ACID SILVER(1+) SALT
			0	7631994	NITRIC ACID SODIUM SALT
			10	10042769	NITRIC ACID, STRONTIUM SALT
100		*	10	10102451	NITRIC ACID, THALLIUM(1+) SALT
			0	13823295	NITRIC ACID, THORIUM SALT
1K		*	10	7779886	NITRIC ACID, ZINC SALT
5K			10	13746899	NITRIC ACID, ZIRCONIUM(4+) SALT
10	100	*	0	10102439	NITRIC OXIDE
			0	139139	NITRILOTRIACETIC ACID
			10		NITRITES, inorganic, n.o.s.
			500	88744	o-NITROANILINE
5K			0	100016	p-NITROANILINE
5K			0	100016	4-NITROANILINE
		*	0	99592	5-NITRO-o-ANISIDINE
			0	100174	p-NITROANISOLE
1K	10K	*	100	98953	NITROBENZENE
			100	31212289	NITROBENZENESULFONIC ACID

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			1	2338127	5-NITROBENZOTRIAZOL
			500	98464	3-NITROBENZOTRIFLUORIDE
			0	92933	4-NITROBIPHENYL
		*	10	586787	p-NITROBROMOBENZENE
			1	9004700	NITROCELLULOSE
			0	100005	NITROCHLOROBENZENE
			0	100005	p-NITROCHLOROBENZENE
			10	39974351	1-NITRO-2-CHLOROENZO-3-TRIFLUORIDE
			10	118832	1-NITRO-4-CHLOROENZO-2-TRIFLUORIDE
			100	121175	2-NITRO-1-CHLOROENZO-4-TRIFLUORIDE
			10	25889387	2-NITRO-4-CHLOROENZO-1-TRIFLUORIDE
			10	777377	4-NITRO-1-CHLOROENZO-2-TRIFLUORIDE
			10	12167203	NITROCRESOLS
			100	1122607	NITROCYCLOHEXANE
			10	79243	NITROETHANE
		*	0	1836755	NITROFEN
			500	7727379	NITROGEN
			0	10102440	NITROGEN DIOXIDE
			10	10544726	NITROGEN DIOXIDE
			10		NITROGEN FERTILIZER SOLUTION
			10	7783542	NITROGEN FLUORIDE
			1	10036472	NITROGEN FLUORIDE
		*	0	51752	NITROGEN MUSTARD
			0	302705	NITROGEN MUSTARD N-OXIDE HYDROCHLORIDE
			10	10544726	NITROGEN OXIDE
			0	10024972	NITROGEN OXIDE
			10	12033497	NITROGEN OXIDE
			100	10544737	NITROGEN OXIDE
			0	10102439	NITROGEN OXIDE
			0	10102440	NITROGEN OXIDE
			10	10544726	NITROGEN TETROXIDE
			10	7783542	NITROGEN TRIFLUORIDE
			10	12033497	NITROGEN TRIOXIDE
			100	10544737	NITROGEN TRIOXIDE
		*	0	55630	NITROGLYCERIN
			1	556887	NITROGUANIDINE
			100	8007565	NITROHYDROCHLORIC ACID
			10	75525	NITROMETHANE
			10	27254360	NITRONAPHTHALENE
		*	100	88755	2-NITROPHENOL
			100	554847	3-NITROPHENOL
		*	0	100027	4-NITROPHENOL
			10	25154556	NITROPHENOL, mixed isomers
			10	108032	1-NITROPROPANE
		*	0	79469	2-NITROPROPANE
			0		NITROSAMINES
			0	1116547	N-NITROSODIETHANOLAMINE
			0	1116547	NITROSODIETHANOLAMINE
		*	0	55185	N-NITROSODIETHYLAMINE
		*	0	55185	NITROSODIETHYLAMINE
		*	0	62759	N-NITROSODIMETHYLAMINE
		*	0	62759	NITROSODIMETHYLAMINE
			0	138896	NITROSODIMETHYLANILINE
			0	138896	p-NITROSODIMETHYLANILINE
		*	0	924163	N-NITROSODI-N-BUTYLAMINE
			0	924163	NITROSODI-N-BUTYLAMINE
		*	0	621647	N-NITROSODI-N-PROPYLAMINE
		*	0	621647	NITROSODI-N-PROPYLAMINE
		*	0	86306	N-NITROSODIPHENYLAMINE
			0	156105	NITROSODIPHENYLAMINE
		*	0	86306	NITROSODIPHENYLAMINE
			0	156105	p-NITROSODIPHENYLAMINE
		*	0	4549400	NITROSOMETHYLVINYLAMINE
		*	0	59892	N-NITROSOMORPHOLINE
		*	0	59892	NITROSOMORPHOLINE
		*	0	759739	NITROSO-N-ETHYLUREA
		*	0	684935	N-NITROSO-N-METHYLUREA
		*	0	684935	NITROSO-N-METHYLUREA
		*	0	16543558	N-NITROSONORNICOTINE
		*	0	100754	N-NITROSOPIPERIDINE
		*	0	100754	NITROSOPIPERIDINE

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			0	930552	N-NITROSPYRROLIDINE
			0	13256229	N-NITROSOSARCOSINE
			0	13256229	NITROSOSARCOSINE
			1	9056386	NITROSTARCH
			100	2696926	NITROSYL CHLORIDE
			100	7782787	NITROSYLSULFURIC ACID
			1	1321126	NITROTOLUENE
1K			1	99081	m-NITROTOLUENE
1K			0	88722	o-NITROTOLUENE
1K			0	99990	p-NITROTOLUENE
100			0	99558	5-NITRO-o-TOLUIDINE
			10	544161	NITROUS ACID, BUTYL ESTER
			1	109955	NITROUS ACID, ETHYL ESTER
			1	110463	NITROUS ACID, 3-METHYL BUTYL ESTER
			1	624919	NITROUS ACID, METHYL ESTER
			0	7758090	NITROUS ACID, POTASSIUM SALT
			0	10024972	NITROUS OXIDE
			500	99514	m-NITROXYLENE
			500	25168041	NITROXYLOL
		*	0	759739	N-NITROSO-N-ETHYLUREA
			10	111842	NONANE
			10	1941793	NONANEDIPEROXOIC ACID
			10	1455216	1-NONANETHIOL
			500		NONFLAMMABLE GAS, n.o.s.
			100	5283670	NONYL TRICHLOROSILANE
			100	991424	NORBORNIDE
			0	68224	NORETHINDRONE
			0	68224	NORETHISTERONE
			0	57636	19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, (17alpha)-
			0	72333	19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-METHOXY-, (17 alpha)-
			0	68224	19-NORPREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, (17alpha)-
			10	140807	NOVOLDIAMINE
		*	100	2234131	OCTACHLORONAPHTHALENE
			10	2885009	1-OCTADECANETHIOL
5K		*	0	7428480	OCTADECANOIC ACID, LEAD SALT
			100	12772473	9-OCTADECENOIC ACID (Z)-, ESTER WITH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL
		*	0	1191806	9-OCTADECENOIC ACID (Z)-, MERCURY(2+) SALT
			100	112049	OCTADECYL TRICHLOROSILANE
			10	63597411	OCTADIENE
			500	360894	OCTAFLUOROBUT-2-ENE
			500	115253	OCTAFLUOROCYCLOBUTANE
			500	76197	OCTAFLUOROPROPANE
100		100	100	152169	OCTAMETHYL DIPHOSPHORAMIDE
			10	111659	OCTANE
			10	111886	1-OCTANETHIOL
			100	541855	3-OCTANONE
			10	762163	OCTANOYL PEROXIDE
			10	123057	OCTYL ALDEHYDE
			10	5809085	tert-OCTYL HYDROPEROXIDE
			10	111886	OCTYL MERCAPTAN
			10	5283669	OCTYL TRICHLOROSILANE
			10		OIL GAS
			100	8008513	OILS, CAMPHOR
5K			10	3288582	O,O-DIETHYL S-METHYL DITHIOPHOSPHATE
		*	10		ORGANIC PEROXIDE, liquid or solution, n.o.s.
			10		ORGANIC PEROXIDE mixture
			10		ORGANIC PEROXIDE, n.o.s., trial quantities
			10		ORGANIC PEROXIDE, samples, n.o.s.
			10		ORGANIC PEROXIDE, solid, n.o.s.
			10	14265442	ORGANIC PHOSPHATE COMPOUND, SOLID (POISON B)
			10		ORGANIC PHOSPHOROUS COMPOUND, mixed with COMPRESSED GAS
			10		ORGANOCHLORINE PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s. flash point less than 23C
			10		ORGANOCHLORINE PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s. flash point between 23C and 61C
			10		ORGANOCHLORINE PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		ORGANOCHLORINE PESTICIDES, SOLID, TOXIC, n.o.s.
			10		ORGANOPHOSPHOROUS PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash point between 23C and 61C
			10		ORGANOPHOSPHOROUS PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash

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			10		point less than 23C
			10		ORGANOPHOSPHOROUS PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		ORGANOPHOSPHOROUS PESTICIDES, SOLID, TOXIC, n.o.s.
1	10/		10	PMN82147	ORGANORHODIUM COMPLEX ³
			10		ORGANOTIN PESTICIDES, FLAMMABLE LIQUID, TOXIC, n.o.s., flash point between 23C and 61C
			10		ORGANOTIN PESTICIDES, FLAMMABLE LIQUID, TOXIC, n.o.s., flash point less than 23C
			10		ORGANOTIN PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		ORGANOTIN PESTICIDES, SOLID, TOXIC, n.o.s.
			0	65861	OROTIC ACID
1K		*	0	20816120	OSMIUM OXIDE
1K		*	0	20816120	OSMIUM TETROXIDE
1	100/		100	630604	OUABAIN
			0	106876	7-OXABICYCLO 4.1.0 HEPTANE, 3-OXIRANYL-
			100	144627	OXALIC ACID
1	100/		100	Z3135220	OXAMYL
10		*	0	1120714	1,2-OXATHIOLANE 2,2-DIOXIDE
10			0	50180	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL) TETRAHYDRO-, 2-OXIDE
			0	604751	OXAZEPAM
			0	127480	2,4-OXAZOLIDINEDIONE, 3,5,5-TRIMETHYL-
1	500		100	78717	OXETANE, 3,3-BIS(CHLOROMETHYL)-
1	500	*	0	57578	2-OXETANONE
			1	674828	2-OXETANONE, 4-METHYLENE-
			100	9001370	OXIDASE, GLUCOSE
			10		OXIDIZER, CORROSIVE, LIQUID, n.o.s.
			10		OXIDIZER, CORROSIVE, SOLID, n.o.s.
			10		OXIDIZER, POISONOUS LIQUID, n.o.s.
			10		OXIDIZER, POISONOUS SOLID, n.o.s.
			10		OXIDIZING SUBSTANCE, n.o.s.
10	1K	*	0	75218	OXIRANE
			0	1675543	OXIRANE, 2,2' ((1-METHYLETHYLIDENE)BIS(4,1-PHENYLENEOXYMETHYLENE))BIS-
			0	3132647	OXIRANE, BROMOMETHYL-
			0	2426086	OXIRANE, (BUTOXYMETHYL)-
10			0	765344	OXIRANECARBOXALDEHYDE
100	1K	*	0	106898	OXIRANE, CHLOROMETHYL-
		*	0	106887	OXIRANE, ETHYL-
			0	556525	OXIRANEMETHANOL
100	10K	*	0	75569	OXIRANE, METHYL-
		*	0	4016142	OXIRANE, (1-METHYLETHOXY)METHYL -
1	1K		100	2238075	OXIRANE, 2,2'-OXYBIS(METHYLENE) BIS-
			0	122601	OXIRANE, (PHENOXYMETHYL)-
1		*	0	96093	OXIRANE, PHENYL-
			0	101906	OXIRANE, 2,2' - [1,3-PHENYLENEBIS (OXYMETHYLENE)] BIS-
			0	106923	OXIRANE, (2-PROPENYLOXY)METHYL -
			100	428591	OXIRANE, TRIFLUORO(TRIFLUOROMETHYL)-
1	500		100	2497076	OXYDISULFON
			10	7782447	OXYGEN
			10	7783417	OXYGEN DIFLUORIDE
			10	7783417	OXYGEN FLUORIDE
			0	434071	OXYMETHOLONE
1	100		0	10028156	OZONE
			10		PAINT, etc., FLAMMABLE LIQUID
			10		PAINT RELATED MATERIAL, CORROSIVE LIQUID
			10		PAINTS, ENAMELS, LACQUERS, STAINS, etc.
			500		PAINTS, LATEX
			100	8049476	PANCREATIN
			0	9001734	PAPAIN
			10		PAPER, UNSATURATED OIL TREATED, INCOMPLETELY DRY
1K			10	30525894	PARAFORMALDEHYDE
1K			10	123637	PARALDEHYDE
			10	52061606	PARAMETHANE HYDROPEROXIDE
100			0	311455	PARAOXON
1	10/		0	1910425	PARAQUAT

³CAS- This chemical was identified from a Premanufacture Review Notice (PMN) submitted to EPA. The submitter has claimed certain information on the submission to be confidential, including specific chemical identity.

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1	10/		10	2074502	PARAQUAT METHOSULFATE
10	100	*	0	56382	PARATHION
			0		PARATHION AND COMPRESSED GAS MIXTURE
100	100/		0	298000	PARATHION-METHYL
1	500/	*	100	12002038	PARIS GREEN
		*	0	59536651	PBB
		*	0	67774327	PBB
1		*	0	1336363	PCB-1242 (CHLORODIPHENYL (42% Cl))
1		*	0	1336363	PCB-1254 (CHLORODIPHENYL (54% Cl))
1		*	0	1336363	PCB's
			10	762130	PELARGONYL PEROXIDE
			0	61336	PENICILLIN
1	500		10	19624227	PENTABORANE
10			500	608935	PENTACHLOROBENZENE
10			100	76017	PENTACHLOROETHANE
			100	1321648	PENTACHLORONAPHTHALENE
10		*	100	87865	PENTACHLOROPHENOL
1	100/		100	2570265	PENTADECYLAMINE
			10	54363494	PENTADIENE, METHYL-
			1	78115	PENTAERYTHRITETETRA-NITRATE
			1	78115	PENTAERYTHRITOL, TETRA-NITRATE
			10	30586186	PENTAMETHYLHEPTANE
			10	110623	PENTANAL
			10	123159	PENTANAL, 2-METHYL
			10	110587	1-PENTANAMINE
			10	108098	2-PENTANAMINE, 4-METHYL-
			100	2050922	1-PENTANAMINE, N-PENTYL-
			10	109660	PENTANE
			10	29756385	PENTANE, BROMO-
			10	543599	PENTANE, 1-CHLORO-
			0	111308	PENTAMEDIAL
			10	140807	1,4-PENTANEDIAMINE, N1,N1-DIETHYL-
			0	69056	1,4-PENTANEDIAMINE, N,N,N,N-(6-CHLORO-2-METHOXY-9-ACRIDINYL)-N, N-DIETHYL-, DIHYDROCHLORINE
			0	54057	1,4-PENTANEDIAMINE, N,N,N,N-(7-CHLORO-4-QUINOLINYL)-N,N-DIETHYL-
			10	30586108	PENTANE, DICHLORO-
			0	107415	2,4-PENTANEDIOL, 2-METHYL-
			100	123546	2,4-PENTANEDIONE
			100	123546	PENTANE-2,4-DIONE
			10	37187227	2,4-PENTANEDIONE, PEROXIDE
			10	43133955	PENTANE, METHYL-
			1	28604913	PENTANENITRILE, AZOBIS 2,4-DIMETHYL-
			1	15545978	PENTANENITRILE, 2,2'-AZOBIS 4-METHOXY-2,4-DIMETHYL -
			10	110667	1-PENTANETHIOL
			10	540841	PENTANE, 2,2,4-TRIMETHYL-
			100	109524	PENTANOIC ACID
			10	71410	1-PENTANOL
			10	584021	3-PENTANOL
			100	108112	2-PENTANOL, 4-METHYL-
			100	108849	2-PENTANOL, 4-METHYL, ACETATE
			10	107879	2-PENTANONE
			10	96220	3-PENTANONE
			10	123422	2-PENTANONE, 4-HYDROXY-4-METHYL-
			10	54693468	2-PENTANONE, 4-HYDROXY-4-METHYL-, PEROXIDE
			100	107700	2-PENTANONE, 4-METHOXY-4-METHYL-
SK		*	10	108101	2-PENTANONE, 4-METHYL-
			10	37206205	2-PENTANONE, 4-METHYL-, PEROXIDE
			100	638299	PENTANOYL CHLORIDE
			10	25377724	PENTENE
			10	27236460	PENTENE, 2-METHYL-
			10	25167708	PENTENE, 2,4,4-TRIMETHYL-
			0	141797	3-PENTEN-2-ONE, 4-METHYL-
			100	12772473	PENTOL
			1	8066339	PENTOLITE
1	500	*	1	79210	PERACETIC ACID
			10		PERBORATE, n.o.s.
			10		PERCHLORATES, INORGANIC, n.o.s.
			1	7790989	PERCHLORIC ACID, AMMONIUM SALT
		*	10	13465957	PERCHLORIC ACID, BARIUM SALT
			10	13477366	PERCHLORIC ACID, CALCIUM SALT
			1	7601903	PERCHLORIC ACID, greater than 50% but less than 72% acid, by weight

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		*	0	13637768	PERCHLORIC ACID, LEAD(2+) SALT
			1	7601903	PERCHLORIC ACID, less than 50% acid by weight
			10	10034818	PERCHLORIC ACID, MAGNESIUM SALT
			10	7778747	PERCHLORIC ACID, POTASSIUM SALT
			10	7601890	PERCHLORIC ACID, SODIUM SALT
			10	13450970	PERCHLORIC ACID, STRONTIUM SALT
100		*	0	127184	PERCHLOROETHYLENE
100	500		100	594423	PERCHLOROMETHYL MERCAPTAN
			10	7616946	PERCHLORYL FLUORIDE
			10		PERMANGANATES, inorganic, n.o.s.
		*	10	7787362	PERMANGANIC ACID, BARIUM SALT
			10	10118760	PERMANGANIC ACID, CALCIUM SALT
100			0	7722647	PERMANGANIC ACID, POTASSIUM SALT
			10	13446101	PERMANGANIC ACID, AMMONIUM SALT
			10	10101505	PERMANGANIC ACID, SODIUM SALT
		*	10	23414724	PERMANGANIC ACID, ZINC SALT
			1	644315	PEROXIDE, ACETYL BENZOYL
			10	3179564	PEROXIDE, ACETYL CYCLOHEXYLSULFONYL
			1	94177	PEROXIDE, BIS(4-CHLOROBENZOYL)
			10	133142	PEROXIDE, BIS(2,4-DICHLOROBENZOYL)
			10	110054	PEROXIDE, BIS(1,1-DIMETHYLETHYL)
			1	3437841	PEROXIDE, BIS(2-METHYL-1-OXOPROPYL)
			10	80433	PEROXIDE, BIS(1-METHYL-1-PHENYLETHYL)
			10	762129	PEROXIDE, BIS(1-OXODECYL)
			10	105748	PEROXIDE, BIS(1-OXODODECYL)
			10	58449379	PEROXIDE, BIS(1-OXOISONONYL)
			10	762130	PEROXIDE, BIS(1-OXONONOYL)
			10	762163	PEROXIDE, BIS(1-OXOOCTYL)
			1	3248280	PEROXIDE, BIS(1-OXOPROPYL)
			10	3006868	PEROXIDE, CYCLOHEXYLIDENE BIS (1,1-DIMETHYLETHYL)
			10	110225	PEROXIDE, DIACETYL
		*	0	94360	PEROXIDE, DIBENZOYL
			1	2167239	PEROXIDE, (1-METHYLPROPYLIDENE) BIS (1,1-DIMETHYLETHYL)
			10		PEROXIDES, INORGANIC, n.o.s.
			10	78637	PEROXIDE, (1,1,4,4-TETRAMETHYL-1,4-BUTANEDIYL) BIS (1,1-DIMETHYLETHYL)
			10	6731368	PEROXIDE, (3,3,5-TRIMETHYLCYCLOHEXYLIDENE) BIS (1,1-DIMETHYLETHYL)
1	500	*	1	79210	PEROXYACETIC ACID
			10	15520113	PEROXYDICARBONIC ACID, BIS 4-(1,1-DIMETHYLETHYL)CYCLOHEXYL ESTER
			10	16111629	PEROXYDICARBONIC ACID, BIS(2-ETHYLHEXYL) ESTER
			1	105646	PEROXYDICARBONIC ACID, BIS(1-METHYLETHYL) ESTER
			10	19910657	PEROXYDICARBONIC ACID, BIS(1-METHYLPROPYL) ESTER
			10	2144458	PEROXYDICARBONIC ACID, BIS(PHENYLMETHYL) ESTER
			10	16215499	PEROXYDICARBONIC ACID, DIBUTYL ESTER
			10	1561495	PEROXYDICARBONIC ACID, DICYCLOHEXYL ESTER
			1	14666785	PEROXYDICARBONIC ACID, DIETHYL ESTER
			10	26322145	PEROXYDICARBONIC ACID, DIHEXADECYL ESTER
			10	52326666	PEROXYDICARBONIC ACID, DIOCTADECYL ESTER
			10	16066389	PEROXYDICARBONIC ACID, DIPROPYL ESTER
			10	3313926	PEROXYDICARBONIC ACID, DISODIUM SALT
			10	53220227	PEROXYDICARBONIC ACID, DITETRADECYL ESTER
			10	7727540	PEROXYDISULFURIC ACID, DIAMMONIUM SALT
			10	7727211	PEROXYDISULFURIC ACID, DIPOTASSIUM SALT
			10	7775271	PEROXYDISULFURIC ACID DISODIUM SALT
			10		PESTICIDES, FLAMMABLE LIQUID, TOXIC, n.o.s., flash point between 23C and 61C
			10		PESTICIDES, FLAMMABLE LIQUID, TOXIC n.o.s., flash point less than 23C
			10		PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		PESTICIDES, SOLID, TOXIC, n.o.s.
			10	8006619	PETROL
			10	8002059	PETROLEUM CRUDE OIL
			10		PETROLEUM DISTILLATES, n.o.s.
			10	8032324	PETROLEUM ETHER
			10	68476857	PETROLEUM GASES, LIQUEFIED
			10	8032324	PETROLEUM NAPHTHA
		*	10		PETROLEUM OIL
			10	8032324	PETROLEUM SPIRITS
100			0	62442	PHENACETIN
			10	70111	PHENACYL BROMIDE
5K			0	85018	PHENANTHRENE
		*	100	578949	PHENARSAZINE CHLORIDE
		*	100	578949	PHENARSAZINE, 10-CHLORO-5,10-DIHYDRO-

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1	500/	*	100	58366	PHENARSAZINE OXIDE
			0	136403	PHENAZOPYRIDINE HYDROCHLORIDE
			500	1321319	PHENETIDINE
1K	500/	*	0	108952	PHENOL
			0	27598852	PHENOL, AMINO-
			100	95852	PHENOL, 2-AMINO-4-CHLORO-
			0	128370	PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL-
			100	28805869	PHENOL, BUTYL-
100		*	0	95578	PHENOL, 2-CHLORO-
			100	106489	PHENOL, p-CHLORO
			500	1321104	PHENOL, CHLOROMETHYL-
100			100	131895	PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-
			100	6341975	PHENOL, 2,4-DICHLORO-ACETATE
			10	28165711	PHENOL, 2,6-DICHLORO-ACETATE
1			0	56531	PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS-, (E)-
			0	84173	PHENOL, 4,4'-(DIETHYLIDENE-ETHYLENE)DI-
1K			100	1300716	PHENOL, DIMETHYL-
100		*	500	105679	PHENOL, 2,4-DIMETHYL-
10	500/		100	2032657	PHENOL, 3,5-DIMETHYL-4-(METHYLTHIO)-, METHYL CARBAMATE
1K	500/		100	315184	PHENOL, 4-(DIMETHYLAMINO)-3,5-DIMETHYL-, METHYL CARBAMATE (ESTER)
10			1	25550587	PHENOL, DINITRO-
		*	100	80057	PHENOL, 4,4'-ISOPROPYLIDENEDI-
			100	108430	PHENOL, m-CHLORO
			100	150765	PHENOL, 4-METHOXY-
1		*	100	1319773	PHENOL, METHYL-
1K	1K/	*	100	95487	PHENOL, 2-METHYL-
1K		*	100	108394	PHENOL, 3-METHYL-
1K		*	100	106445	PHENOL, 4-METHYL-
10	10/	*	0	534521	PHENOL, 2-METHYL-4,6-DINITRO-
100			100	70304	PHENOL, 2,2'-METHYLENEBIS 3,4,6-TRICHLORO-
1		*	0	114261	PHENOL, 2-(1-METHYLETHOXY)-, METHYL CARBAMATE
1	500/		100	64006	PHENOL, 3-(1-METHYLETHYL)-, METHYL CARBAMATE
			10	12167203	PHENOL, METHYLNITRO-
			100	89725	PHENOL, 2-(1-METHYLPROPYL)-
			1	602993	PHENOL, 3-METHYL-2,4,6-TRINITRO-
100		*	100	88755	PHENOL, 2-NITRO-
100			100	554847	PHENOL, 3-NITRO-
100		*	0	100027	PHENOL, 4-NITRO-
10		*	100	87865	PHENOL, PENTACHLORO-
			100	131522	PHENOL, PENTACHLORO-, SODIUM SALT
		*	1	146849	PHENOL, 2,4,6-TRINITRO-, SILVER(1+) SALT
			100	139026	PHENOL, SODIUM SALT
			100	98113	PHENOLSULPHONIC ACID
1	100/		100	4418660	PHENOL, 2,2'-THIOBIS(4-CHLORO-6-METHYL-)
			100	97187	PHENOL, 2,2'-THIOBIS-4,6-DICHLORO-
10		*	100	95954	PHENOL, 2,4,5-TRICHLORO-
10		*	0	88062	PHENOL, 2,4,6-TRICHLORO-
			10	42589071	PHENOL, 2,4,5-TRICHLORO- compound with AMINE(1:1)
		*	0	88891	PHENOL, 2,4,6-TRINITRO-
10			1	131748	PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT
			100	92842	PHENOTHIAZINE
			100	92842	10H-PHENOTHIAZINE
1	500/	*	100	58366	PHENOXARSINE, 10,10'-OXYDI-
			10		PHENOXY PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s. flash point between 23C and 61C
			10		PHENOXY PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s. flash point less than 23C
		*	10		PHENOXY PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		PHENOXY PESTICIDES, SOLID, TOXIC, n.o.s.
1	500		100	140294	PHENYLACETONITRILE
			100	103800	PHENYLACETYL CHLORIDE
1			0	148823	L-PHENYLALANINE, 4- BIS(2-CHLOROETHYL)AMINO -
			0	135886	n-PHENYL-beta-NAPHTHYLAMINE
			500	104518	PHENYLBUTANE
			100	622446	PHENYL CARBYLAMINE CHLORIDE
			100	1885149	PHENYLCHLOROFORMATE
1	500		100	696286	PHENYLDICHLOROARSINE
			0	108452	m-PHENYLENEDIAMINE
			0	95545	o-PHENYLENEDIAMINE
1		*	0	106503	p-PHENYLENEDIAMINE
		*	0	39156417	m-PHENYLENEDIAMINE, 4-METHOXY-, SULFATE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

			100	101848	PHENYL ETHER
			0	100425	PHENYL ETHYLENE
			0	122601	PHENYL GLYCIDYL ETHER
			10	69910	PHENYLGLYCINE ACID
			0	100630	PHENYLHYDRAZINE
			0	59881	PHENYLHYDRAZINE HYDROCHLORIDE
			100	103719	PHENYL ISOCYANATE
			10	108985	PHENYLMERCAPTAN
			0	62384	PHENYLMERCURIC ACETATE
			0		PHENYLMERCURIC COMPOUND, SOLID, n.o.s.
			0	100572	PHENYLMERCURIC HYDROXIDE
			0	55685	PHENYLMERCURIC NITRATE
			0	90437	PHENYLPHENOL
			0	90437	o-PHENYLPHENOL
			0	90437	2-PHENYL PHENOL
			10	638211	PHENYLPHOSPHINE
			10	644973	PHENYL PHOSPHORUS DICHLORIDE
			10	3497005	PHENYL PHOSPHORUS TRICHLORIDE
			100	2097190	PHENYLSILATRANE
			100	103855	PHENYLTHIOUREA
			10	98135	PHENYL TRICHLOROSILANE
			10		PHENYL UREA PESTICIDES, FLAMMABLE LIQUID, TOXIC, n.o.s., flash point between 23C and 61C
			10		PHENYL UREA PESTICIDES, FLAMMABLE LIQUID, TOXIC, n.o.s., flash point than 23C
			10		PHENYL UREA PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		PHENYL UREA PESTICIDES, SOLID, TOXIC, n.o.s.
			0	57410	PHENYTOIN
			10	298022	PRORATE
			100	4104147	PHOSACETIM
			100	7786347	PHOSDRIN
			100	947024	PHOSFOLAN
			10	75445	PHOSGENE
			0	732116	PHOSMET
			10	13387020	9-PROSPHABICYCLONONANE
			10	13396800	9-PROSPHABICYCLONONANE
			10	13387020	9-PROSPHABICYCLO 3.3.1 NONANE
			10	13396800	9-PROSPHABICYCLO 4.2.1 NONANE
			100	13171216	PHOSPHAMIDON
			100	16940811	PHOSPHATE(1-), HEXAFLUORO-, HYDROGEN
			10	7803512	PHOSPHINE
			0	52244	PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-
			500	13598362	PHOSPHONIC ACID
			0	52686	PHOSPHONIC ACID, (2,2,2-TRICHLORO-1-HYDROXYETHYL)-, DIMETHYL ESTER
			100	944229	PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-PHENYL ESTER
			100	2703131	PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(4-METHYLTHIO) PHENYL ESTER
			100	2665307	PHOSPHONOTHIOIC ACID, METHYL-, O-(4-NITROPHENYL) O-PHENYL ESTER
			100	50782699	PHOSPHONOTHIOIC ACID, METHYL-, S-(2-(BIS(METHYLETHYL)AMINO)ETHYL) O-ETHYL ESTER
			100	2104645	PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(4-NITROPHENYL) ESTER
			100	993431	PHOSPHONOTHIOIC DICHLORIDE, ETHYL-
			10	676982	PHOSPHONOTHIOIC DICHLORIDE, METHYL-
			100	1498404	PHOSPHONOUS DICHLORIDE, ETHYL-
			10	676835	PHOSPHONOUS DICHLORIDE, METHYL-
			100	299865	PHOSPHORAMIDIC ACID, METHYL-, 2-CHLORO-4-(1,1-DIMETHYLETHYL) PHENYL METHYL ESTER
			10	22224926	PHOSPHORAMIDIC ACID, (1-METHYLETHYL)-, ETHYL 3-METHYL-4-
			100	10265926	PHOSPHORAMIDOTHIOIC ACID, O, S-DIMETHYL ESTER
			100	7789697	PHOSPHORANE, PENTABROMO-
			10	10026138	PHOSPHORANE, PENTACHLORO-
			10	7647190	PHOSPHORANE, PENTAFLURO-
			10	14684254	PHOSPHORDICHLORIDOTHIOUS ACID, PHENYL ESTER
			100	7664382	PHOSPHORIC ACID
			100	7784307	PHOSPHORIC ACID, ALLMINUM SALT (1:1)
			100	470906	PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DICHLOROPHENYL) ETHENYL DIETHYLESTER
			100	13171216	PHOSPHORIC ACID, 2-CHLORO-3-(DIETHYLAMINO)-1-METHYL-3-OXO-1-PRO
			0	961115	PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL) VINYL DIMETHYL ESTER
			0	300765	PHOSPHORIC ACID, 1,2-DIBROMO-2,2-DICHLOROETHYL DIMETHYL ESTER
			100	12788931	PHOSPHORIC ACID, DIBUTYL ESTER
			100	107664	PHOSPHORIC ACID, DIBUTYL ESTER
			0	62737	PHOSPHORIC ACID, 2,2-DICHLOROETHENYL DIMETHYL ESTER

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
100			0	311455	PHOSPHORIC ACID, DIETHYL P-NITROPHENYL ESTER
1	100		0	141662	PHOSPHORIC ACID, 3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER, (E)-
	10/		0	6923224	PHOSPHORIC ACID, DIMETHYL 1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL ESTER, (E)-
1	500		100	3254635	PHOSPHORIC ACID, DIMETHYL 4-(METHYLTHIO)PHENYL ESTER
5K			100	7558794	PHOSPHORIC ACID, DISODIUM SALT
			100	1623241	PHOSPHORIC ACID, MONO(1-METHYLETHYL) ESTER
			100	12789467	PHOSPHORIC ACID, PENTYL ESTER
			100	126738	PHOSPHORIC ACID TRIBUTYL ESTER
			0	545551	PHOSPHORIC ACID, TRIETHYLENIMINE
			100	78308	PHOSPHORIC ACID, TRI-O-TOLYL ESTER
			100	115866	PHOSPHORIC ACID, TRIPHENYL ESTER
			100	7601549	PHOSPHORIC ACID, TRISODIUM SALT
1	10		10	1314563	PHOSPHORIC ANHYDRIDE
1		*	0	680319	PHOSPHORIC TRIAMIDE, HEXAMETHYL-
1	500		100	2524030	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER
			10	2524041	PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER
			100	1498517	PHOSPHORODITHIOIC ACID, ETHYL ESTER
			100	13779414	PHOSPHORODIFLUORIDIC ACID
			100	35400432	PHOSPHORODITHIOIC ACID, O-ETHYL O- 4-(METHYLTHIO)PHENYL S-PROPYL ESTER
1	500		0	298044	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S- 2-(ETHYLTHIO)ETHYL ESTER
10	10	*	10	298022	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S- (ETHYLTHIO)METHYL ESTER
1	10/		0	86500	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S- (4-OXO-1,2,3-BENZO TRIAZIN-3(4H)-YL)METHYL ESTER
10	500/		0	60515	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL)ESTER
1	10/		0	732116	PHOSPHORODITHIOIC ACID, S-((1,3-DIHYDRO-1,3-DIOXO-2,4-ISOINDOL-2-YL)METHYL) O,O-DIMETHYL ESTER
1	500/		0	950378	PHOSPHORODITHIOIC ACID, S-((5-METHOXY-2-OXO-1,3,4-THIAZOL-3(2H)-YL)METHYL) O,O-DIMETHYL ESTER
1	500		100	78342	PHOSPHORODITHIOIC ACID, S,S'-1,4-DIOXANE-2,3-DIYL O,O,O',O'-TETRAETHYL
10	1K		100	563122	PHOSPHORODITHIOIC ACID, S,S'-METHYLENE O,O,O',O'-TETRAETHYL ESTER
10	100/		100	56724	PHOSPHOROTHIOIC ACID, O-(3-CHLORO-4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL) O,O-DIETHYL ESTER
			100	8022002	PHOSPHOROTHIOIC ACID, O- 2-(ETHYLTHIO)ETHYL O,O-DIMETHYL ESTER, mixture with S- 2-(ETHYLTHIO)ETHYL O,O-DIMETHYL PHOSPHOROTHIOATE
1	1K		0	23505411	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL) ESTER
1	500		100	8065483	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O- 2-(ETHYLTHIO)ETHYL ESTER, mixture with O,O-DIETHYL S- 2-(ETHYLTHIO)ETHYL PHOSPHOROTHIOATE
1			100	333415	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O- 6-METHYL-2-(1-METHYLETHYL)-4-PYRIMIDINYL ESTER
1	500		100	115902	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O- 4-METHYLSULFINYL)PHENYL ESTER
10	100	*	0	56382	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(4-NITROPHENYL) ESTER
100	500		100	297972	PHOSPHOROTHIOIC ACID, O,O-DIETHYL, O-PYRAZINYL ESTER
1			0	2921882	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(3,5,6-TRICHLORO-2-PYRIDINYL) ESTER
1K			100	52857	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with p-HYDROXY-N,N-DIMETHYL BENZENE-SULFONAMIDE
			100	55389	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-3-METHYL-4-(METHYLTHIO)PHENYL ESTER
100	100/		0	298000	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITROPHENYL) ESTER
			0	299843	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(2,4,5-TRICHLOROPHENYL) ESTER
			100	3383968	PHOSPHOROTHIOIC ACID, O,O'-(THIOO-1,4,1-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER
1	500		0	919868	PHOSPHOROTHIOIC ACID, S-(2(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER
1	500		100	2587908	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL-S-(2-METHYLTHIO)ETHYL ESTER
			500	13598362	PHOSPHOROUS ACID, ortho
			100	122521	PHOSPHOROUS ACID, TRIETHYL ESTER
			100	121459	PHOSPHOROUS ACID, TRIMETHYL ESTER
1	10		10	1314563	PHOSPHOROUS PENTOXIDE
			10	7789608	PHOSPHOROUS TRIBROMIDE
1K	1K		10	7719122	PHOSPHOROUS TRICHLORIDE
			10	7783553	PHOSPHOROUS TRIFLUORIDE
1	100		10	7723140	PHOSPHORUS
1	100		10	7723140	PHOSPHORUS, AMORPHOUS, RED
			10	644973	PHOSPHORUS DICHLORIDE, PHENYL-
			10	12057820	PHOSPHORUS HEPTA-SULPHIDE
1	10		10	1314563	PHOSPHORUS OXIDE
			100	1314245	PHOSPHORUS OXIDE
			100	7789595	PHOSPHORUS OXYBROMIDE
1K	500		10	10025873	PHOSPHORUS OXYCHLORIDE

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RO	TPQ	313	TRQ	CAS	Common or Chemical Name

			100	7789697	PHOSPHORUS PENTABROMIDE
1	500		10	10026138	PHOSPHORUS PENTACHLORIDE
			10	7647190	PHOSPHORUS PENTAFLUORIDE
100			10	1314803	PHOSPHORUS PENTASULFIDE
1	10		10	1314563	PHOSPHORUS PENTOXIDE
1	100		10	7723140	PHOSPHORUS (RED)
			10	1314858	PHOSPHORUS SESQUISULFIDE
			10	12037820	PHOSPHORUS SULFIDE
100			10	1314803	PHOSPHORUS SULFIDE
			10	12165694	PHOSPHORUS SULFIDE
			10	1314858	PHOSPHORUS SULFIDE
			10	7789608	PHOSPHORUS TRIBROMIDE
1K	1K		10	7719122	PHOSPHORUS TRICHLORIDE
			10	7783553	PHOSPHORUS TRIFLUORIDE
			100	1314245	PHOSPHORUS TRIOXIDE
			10	12165694	PHOSPHORUS TRISULFIDE
1	100	*	10	7723140	PHOSPHORUS (WHITE)
1	100	*	10	7723140	PHOSPHORUS (YELLOW)
			100	7789595	PHOSPHORYL BROMIDE
1K	500		10	10025873	PHOSPHORYL CHLORIDE
			10		PHTHALATE ESTERS
100		*	500	85687	PHTHALIC ACID, BENZYL BUTYL ESTER
5K		*	100	85449	PHTHALIC ANHYDRIDE
			0		PHTHALIMIDE DERIVATIVE PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash point between 23C and 61C
			0		PHTHALIMIDE DERIVATIVE PESTICIDES, FLAMMABLE, LIQUID, TOXIC, n.o.s., flash point less than 23C
			0		PHTHALIMIDE DERIVATIVE PESTICIDES, LIQUID, TOXIC, n.o.s.
			0		PHTHALIMIDE DERIVATIVE PESTICIDES, SOLID, TOXIC, n.o.s.
			100	626175	m-PHTHALODINITRILE
			100	84800	PHYLLQUINONE
1	100/		100	57476	PHYSOSTIGMINE
1	100/		100	57647	PHYSOSTIGMINE, SALICYLATE (1:1)
			0	1918021	PICLORAM
			10	1333411	PICOLINE
5K			100	109068	2-PICOLINE
			100	104905	2-PICOLINE, 5-ETHYL-
			10	63868826	PICRAMIC ACID, ZIRCONIUM SALT
		*	0	88891	PICRIC ACID
			1		PICRITE, with greater than 20% WATER
1	500/		100	124878	PICROTOXIN
			10	28324529	PINANE HYDROPEROXIDE
			100	83261	PINDONE
			10	80568	alpha-PINENE
			10	1330161	PINENE
			100	8002093	PINE OIL
			100	110850	PIPERAZINE
			100	7209383	PIPERAZINE, 1,4-BIS(3-AMINOPROPYL)-
			500	142643	PIPERAZINE DIHYDROCHLORIDE
			100	140318	1-PIPERAZINEETHANAMINE
			10	6094402	PIPERAZINE HYDROCHLORIDE
1	1K		10	110894	PIPERIDINE
			10	766096	PIPERIDINE, 1-ETHYL-
			10	626675	PIPERIDINE, 1-METHYL-
10		*	0	100754	PIPERIDINE, 1-NITROSO-
			100	5281130	PIPROTAL
			0	23103982	PIRIMICARB
1	1K		0	23505411	PIRIMPHOS-ETHYL
			100	83261	PIVAL
			10		PLASTICS MOULDING materials, evolving FLAMMABLE VAPORS
			10		PLASTICS, NITROCELLULOSE BASED, SPONTANEOUSLY COMBUSTIBLE
			1	16919587	PLATINATE (2-), HEXACHLORO-, DIAMMONIUM
			100	16941121	PLATINATE, HEXACHLORO-, DIHYDROGEN-
			0	16921305	PLATINATE (2-), HEXACHLORO-, DIPOTASSIUM,
			100	1307820	PLATINATE (2-), HEXACHLORO-DISODIUM, TETRAHYDRATE
			100	13820412	PLATINATE (2-), TETRACHLORO-, DIAMMONIUM
			100	10025997	PLATINATE, TETRACHLORO-, DIPOTASSIUM,
			100	16941121	PLATINIC CHLORIDE
			0	10025657	PLATINOUS CHLORIDE
			10	7440064	PLATINUM
			0	13454961	PLATINUM TETRACHLORIDE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
10	100		0	78002	PLUMBANE, TETRAETHYL-
1	100		0	75741	PLUMBANE, TETRAMETHYL-
		*	10		POISONOUS LIQUID or GAS, FLAMMABLE, n.o.s.
			10		POISONOUS LIQUID or GAS, n.o.s.
			10		POISONOUS LIQUIDS, CORROSIVE, n.o.s.
			10		POISONOUS LIQUIDS, FLAMMABLE, n.o.s.
			10		POISONOUS LIQUIDS, n.o.s., OR POISON B LIQUIDS
			10		POISONOUS SOLIDS, CORROSIVE, n.o.s.
			10		POISONOUS SOLIDS, FLAMMABLE, n.o.s.
			10		POISONOUS SOLIDS, n.o.s.
		*	0	67774327	POLYBROMINATED BIPHENYLS
		*	0	59536651	POLYBROMINATED BIPHENYLS
1		*	0	1336363	POLYCHLORINATED BIPHENYLS
			10		POLYNUCLEAR AROMATIC HYDROCARBONS
		*	10		POLYSTYRENE BEADS, EXPANDED, mixture with FLAMMABLE LIQUID
			10	7440097	POTASSIUM
1			0	7784410	POTASSIUM ARSENATE
1	500/		0	10124502	POTASSIUM ARSENITE
10		*	0	7778509	POTASSIUM BICHROMATE
			100	7789299	POTASSIUM BIFLUORIDE
			100	7646937	POTASSIUM BISULFIDE
			100		POTASSIUM BISULFITE solution
			10	13762511	POTASSIUM BOROHYDRIDE
			10	7758012	POTASSIUM BROMATE
			10	3811049	POTASSIUM CHLORATE
10		*	0	7789006	POTASSIUM CHROMATE
			100		POTASSIUM CUPROCYANIDE
10	100	*	0	151508	POTASSIUM CYANIDE
		*	10	2244215	POTASSIUM DICHLOROISOCYANURATE
10		*	0	7778509	POTASSIUM DICROMATE
			10		POTASSIUM DITHIONITE
			100	7789233	POTASSIUM FLUORIDE
			100	7789299	POTASSIUM FLUORIDE
			100	23745860	POTASSIUM FLUOROACETATE
			0	16921305	POTASSIUM HEXACHLOROPLATINATE
			100	16871902	POTASSIUM HELIAFLUROSILICATE
			100	7789299	POTASSIUM HYDROGEN FLUORIDE
			100	7646937	POTASSIUM HYDROGEN SULFATE
			10	14293733	POTASSIUM HYDROSULFITE
1K			100	1310583	POTASSIUM HYDROXIDE
			100	7778667	POTASSIUM HYPOCHLORITE
			10	13769432	POTASSIUM METAVANADATE
			10	7757791	POTASSIUM NITRATE
			10		POTASSIUM NITRATE and SODIUM NITRITE, mixture
			0	7758090	POTASSIUM NITRITE
			100	12136457	POTASSIUM OXIDE
			10	7778747	POTASSIUM PERCHLORATE
100			0	7722647	POTASSIUM PERMANGANATE
			1	17014710	POTASSIUM PEROXIDE
			10	7727211	POTASSIUM PERSULFATE
			10	20770416	POTASSIUM PHOSPHIDE
			1		POTASSIUM SALTS OF NITRO-AROMATIC DERIVATIVES, explosive
		*	100	7790592	POTASSIUM SELENATE
		*	10	10431477	POTASSIUM SELENITE
			100	16871902	POTASSIUM SILICOFUORIDE
1	500	*	100	506616	POTASSIUM SILVER CYANIDE
			10	11135812	POTASSIUM-SODIUM ALLOY
			1	1312738	POTASSIUM SULFIDE
			10	12030885	POTASSIUM SUPEROXIDE
			100	10025997	POTASSIUM TETRACHLOROPLATINATE
		*	100	591899	POTASSIUM TETRACYANOMERCURATE (II)
			0	2955386	PRAZEPAM
			0	50248	PREDNISOLONE
			0	53032	PREDNISONE
			0	50248	PREGNA-1,4-DIENE-3,20-DIONE, 11,17,21-TRIHYDROXY-, (11beta)-
			0	53032	PREGNA-1,4-DIENE-3,11,20-TRIONE, 17,21-DIHYDROXY-
			0	57830	PREGN-4-ENE-3,20-DIONE
			0	671169	PROCARBAZINE
			0	366701	PROCARBAZINE HYDROCHLORIDE
			0	57830	PROGESTERONE
1	500/		100	2631370	PRONECARB

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RR	TPQ	313	TRQ	CAS	Common or Chemical Name

5K			0	23950585	PROPANAMIDE
			10	463490	PROPADIENE
			10	463490	1,2-PROPADIENE
1		*	10	123386	PROPANAL
		*	10	78842	PROPANAL, 2-METHYL-
1	100/		0	116063	PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-((METHYLAMINO)CARBONYL)- OXIME
			10	3268493	PROPANAL, 3-(METHYLTHIO)-
5K			10	107108	1-PROPANAMINE
			10	75310	2-PROPANAMINE
1K			10	78819	1-PROPANAMINE, 2-METHYL-
			10	108189	2-PROPANAMINE, N-(1-METHYLETHYL)-
			10	926636	1-PROPANAMINE, N,N-DIMETHYL-
			100	102692	1-PROPANAMINE, N,N-DIPROPYL-
5K			10	142847	1-PROPANAMINE, N-PROPYL-
			10	74986	PROPANE
10		*	0	621647	1-PROPANEAMINE N-NITROSO, N-PROPYL-
			10	26446775	PROPANE, BROMO-
			10	78773	PROPANE, 1-BROMO-2-METHYL
			10	507197	PROPANE, 2-BROMO-2-METHYL
			100	600259	PROPANE, 1-CHLORO-1-NITRO-
			10	78900	1,2-PROPANEDIAMINE
			100	56188	1,3-PROPANEDIAMINE, N-(3-AMINOPROPYL)-
			100	104789	1,3-PROPANEDIAMINE, N,N-DIETHYL-
1		*	0	96128	PROPANE, 1,2-DIBROMO-3-CHLORO-
1K		*	0	78875	PROPANE, 1,2-DICHLORO-
			10	463821	PROPANE, 2,2-DIMETHYL
1K	500/		100	109773	PROPANEDINITRILE
			0	2698411	PROPANEDINITRILE, (2-CHLOROPHENYL)METHYLENE -
			1	8066339	1,3-PROPANEDIOL, 2,2-BIS (NITROXYMETHYL -, DINITRATE (ESTER), mixture with 2-METHYL-1,3,5-TRINITROBENZENE
			100	6423434	1,2-PROPANEDIOL, DINITRATE
			0	57534	1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, DICARBAMATE
			10	109535	PROPANE, 1-(ETHENYLOXY)-2-METHYL-
			10	628320	PROPANE, 1-ETHOXY-
			10	26914023	PROPANE, IODO-
		*	10	110781	PROPANE, 1-ISOCYANATO-
		*	10	1795488	PROPANE, 2-ISOCYANATO-
		*	10	1873296	PROPANE, 1-ISOCYANATO-2-METHYL-
			10	1609865	PROPANE, 2-ISOCYANATO-2-METHYL-
			10	557175	PROPANE, 1-METHOXY-
			10	75285	PROPANE, 2-METHYL-
			10	68476857	PROPANE MIXTURES
10	500		10	107120	PROPANENITRILE
			1	78671	PROPANENITRILE, 2,2'-AZOBIS 2-METHYL-
10	1K		100	75865	PROPANENITRILE, 2-HYDROXY-2-METHYL-
1	1K		10	78820	PROPANENITRILE, 2-METHYL-
			10	108032	PROPANE, 1-NITRO-
10		*	0	79469	PROPANE, 2-NITRO-
			500	76197	PROPANE, OCTAFLUORO-
			10	111433	PROPANE, 1,1'-OXYBIS-
			10	108203	PROPANE, 2,2'-OXYBIS-
1K		*	100	108601	PROPANE, 2,2'-OXYBIS 1-CHLORO-
			10	927071	PROPANEPEROXOIC ACID, 2,2-DIMETHYL-, 1,1-DIMETHYLETHYL ESTER
			10	109137	PROPANEPEROXOIC ACID, 2-METHYL-, 1,1-DIMETHYLETHYL ESTER
10		*	0	1120714	PROPANE SULFONE
			10	79869582	PROPANETHIOL
			10	107039	1-PROPANETHIOL
			10	75332	2-PROPANETHIOL
1K			100	1185575	1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, AMMONIUM IRON(III) SALT
5K			100	3012655	1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, DIAMMONIUM SALT
			0	96184	PROPANE, 1,2,3-TRICHLORO-
10		*	0	55630	1,2,3-PROPANETRIOL, TRINITRATE
5K			100	79094	PROPANOIC ACID
5K			100	123626	PROPANOIC ACID, ANHYDRIDE
			10	590012	PROPANOIC ACID, BUTYL ESTER
			100	28554009	PROPANOIC ACID, CHLORO-
			100	535137	PROPANOIC ACID, 2-CHLORO-, ETHYL ESTER
			10	17639939	PROPANOIC ACID, 2-CHLORO-, METHYL ESTER
			100	75990	PROPANOIC ACID, 2,2-DICHLORO-
5K		*	10	105373	PROPANOIC ACID, ETHYL ESTER
		*	100	58164888	PROPANOIC ACID, 2-HYDROXY-, ANTIMONY(3+) SALT (3:1)

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			100	138227	PROPANOIC ACID, 2-HYDROXY-, BUTYL ESTER
			500	97643	PROPANOIC ACID, 2-HYDROXY-, ETHYL ESTER
			100	79425	PROPANOIC ACID, 2-MERCAPTO-
			100	79312	PROPANOIC ACID, 2-METHYL-
			100	97723	PROPANOIC ACID, 2-METHYL-, ANHYDRIDE
			10	554121	PROPANOIC ACID, METHYL ESTER
			10	637785	PROPANOIC ACID, 1-METHYLETHYL ESTER
			10	97621	PROPANOIC ACID, 2-METHYL-, ETHYL ESTER
			10	617505	PROPANOIC ACID, 2-METHYL-, 1-METHYLETHYL ESTER
			500	97858	PROPANOIC ACID, 2-METHYL-, 2-METHYLPROPYL ESTER
			10	540421	PROPANOIC ACID, 2-METHYLPROPYL ESTER
			10	71238	1-PROPANOL
			100	78897	1-PROPANOL, 2-CHLORO-
			10	627305	1-PROPANOL, 3-CHLORO-
		*	0	126727	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)
			0	96231	2-PROPANOL, 1,3-DICHLORO-
		*	100	107982	PROPANOL, METHOXY-
			100	34590948	PROPANOL, (2-METHOXYMETHYLETHOXY)-
			10	78831	1-PROPANOL, 2-METHYL-
5K		*	10	67641	2-PROPANONE
5K			0	534076	2-PROPANONE, 1,3-DICHLORO-
1	10/		0	116165	2-PROPANONE, 1,1,1,3,3,3-HEXACHLORO-
			10	684162	2-PROPANONE, 1,1,1,3,3,3-HEXAFLURO-
			100	10543950	2-PROPANONE, 1,1,1,3,3,3-HEXAFLURO-, MONOHYDRATE
			10	79038	PROPANOYL CHLORIDE
			100	3282302	PROPANOYL CHLORIDE, 2,2-DIMETHYL-
			10	79301	PROPANOYL CHLORIDE, 2-METHYL-
			100	2312358	PROPARGITE
			10	107197	PROPARGYL ALCOHOL
			1	106967	PROPARGYL BROMIDE
		*	0	107028	2-PROPENAL
			0	78853	2-PROPENAL, 2-METHYL-
		*	0	79061	2-PROPENAMIDE
5K	1K/	*	500	107119	2-PROPEN-1-AMINE
1	500		100	102705	2-PROPEN-1-AMINE, N,N-DI-2-PROPENYL-
			100	124027	2-PROPEN-1-AMINE, N-2-PROPENYL-
		*	10	115071	1-PROPENE
			10	106956	1-PROPENE, 3-BROMO-
			10	557982	PROPENE, 2-CHLORO-
		*	0	107051	1-PROPENE, 3-CHLORO-
			0	563473	1-PROPENE, 3-CHLORO-2-METHYL-
		*	0	542756	1-PROPENE-1,3-DICHLORO-
			10	3054953	1-PROPENE, 3,3-DIETHOXY-
			1	557313	1-PROPENE, 3-ETHOXY-
			500	116154	1-PROPENE, 1,1,2,3,3,3-HEXAFLURO-
			10	556569	1-PROPENE, 3-ICDO-
		*	0	57067	1-PROPENE, 3-ISOTHIOCYANATO-
			10	115117	1-PROPENE, 2-METHYL-
			500	7756947	1-PROPENE, 2-METHYL-, TRIMER
100	10K	*	0	107131	2-PROPENENITRILE
1K	500	*	10	126987	2-PROPENENITRILE, 2-METHYL-
			10	557404	1-PROPENE, 3,3'-OXYBIS-
			10	1931620	2-PROPENEPEROXIDIC ACID, 3-CARBOXY-, 1-(1,1-DIMETHYLETHYL) ESTER, (Z)-
			10	13987014	1-PROPENE, TRIMER
		*	1	79107	2-PROPENOIC ACID
		*	100	141322	2-PROPENOIC ACID, BUTYL ESTER
		*	100	137053	2-PROPENOIC ACID, 2-CYANO-, METHYL ESTER
		*	0	140885	2-PROPENOIC ACID, ETHYL ESTER
			1	79414	2-PROPENOIC ACID, 2-METHYL-
			100	97881	2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER
			100	2867472	2-PROPENOIC ACID, 2-METHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER
		*	0	96333	2-PROPENOIC ACID, METHYL ESTER
		*	0	97632	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER
1K		*	0	80626	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER
1K			10	97869	2-PROPENOIC ACID, 2-METHYL-, 2-METHYLPROPYL EST
			10	106638	2-PROPENOIC ACID, 2-METHYLPROPYL ESTER
		*	0	107186	2-PROPEN-1-OL
			10	108225	1-PROPEN-2-OL, ACETATE
			10	513428	2-PROPEN-1-OL, 2-METHYL-
		*	0	57578	BETA-PROPIOLACTONE
		*	10	123386	PROPIONALDEHYDE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
5K			100	79094	PROPIONIC ACID
			10	40058875	PROPIONIC ACID, 2-CHLORO-1-METHYLETHYL ESTER
100			0	93721	PROPIONIC ACID, 2-(2,4,5-TRICHLORO-PHENOXY)-
			100	6047172	PROPIONIC ACID, 3-(2,4,5) TRICHLORO-PHENOXY-3-BUTOXY-PROPYL ESTER
			10	73826296	PROPIONIC ACID, 2-(2,4,5) TRICHLORO-PHENOXY)-,p-CHLORO-PHENACYL ESTER
5K			100	123626	PROPIONIC ANHYDRIDE
10	500		10	107120	PROPIONITRILE
1K	1K		100	542767	PROPIONITRILE, 3-CHLORO-
			0	21725462	PROPIONITRILE, 2-((4-CHLORO-6-(ETHYLAMINO)-1,3,5-TRIAZIN-2-YL)AM-2-METHYL-
			10	1738256	PROPIONITRILE, 3-(DIMETHYLAMINO)
			10	79038	PROPIONYL CHLORIDE
			1	3248280	PROPIONYL PEROXIDE
1	100/		100	70699	PROPIOPHENONE, 4-AMINO-
1		*	0	114261	PROPOXUR
			10	109604	n-PROPYL ACETATE
			10	71238	PROPYL ALCOHOL
			0	67630	sec-PROPYL ALCOHOL
5K			10	107108	PROPYLAMINE
			10	103651	PROPYL BENZENE
			10	540545	PROPYL CHLORIDE
1	500		100	109615	PROPYLCHLOROFORMATE
		*	10	115071	PROPYLENE
			100	78897	PROPYLENE CHLOROHYDRIN
			10	78900	PROPYLENEDIAMINE
1K		*	0	78875	PROPYLENE DICHLORIDE
		*	100	1331175	PROPYLENE GLYCOL, ALLYL ETHER
		*	100	6423434	PROPYLENE GLYCOL DINITRATE
		*	100	107982	PROPYLENE GLYCOL MONOMETHYL ETHER
1	10K	*	0	75558	PROPYLENEIMINE
100	10K	*	0	75569	PROPYLENE OXIDE
			10	6842155	PROPYLENE TETRAMER
			10	111433	PROPYL ETHER
			10	110747	PROPYL FORMATE
		*	10	110781	PROPYL ISOCYANATE
			10	107039	PROPYL MERCAPTAN
			0	627134	n-PROPYL NITRATE
			1	51525	6-PROPYL-2-THIOURACIL
			10	141571	PROPYL TRICHLOROSILANE
			10	74997	1-PROPYNE
1	10		1	106967	PROPYNE, 3-BROMO-
1K			10	107197	2-PROPYN-1-OL
1	100/		100	2275185	PROTHOATE
		*	100	95636	PSEUDOCUMENE
			0	446866	1H-PURINE, 6-(1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)THIO -
			10	110872	2H-PYRAN, 3,4-DIHYDRO-
5K	1K/		0	129000	PYRENE
1			100	121299	PYRETHRINS
1			100	121211	PYRETHRINS
1			100	8003347	PYRETHRINS and PYRETHROIDS
1			100	8003347	PYRETHRUM
			100	504290	2-PYRIDINAMINE
			100	462088	3-PYRIDINAMINE
1K		*	10	110861	PYRIDINE
1K	500/		100	504245	PYRIDINE, 4-AMINO
			0	1918021	2-PYRIDINECARBOXYLIC ACID, 4-AMINO-3,5,6-TRICHLORO-
			100	109091	PYRIDINE, 2-CHLORO-
			100	1929824	PYRIDINE, 2-CHLORO-6-(TRICHLOROMETHYL)-
			0	136403	2,6-PYRIDINEDIAMINE, 3-(PHENYLAZO)-, MONOHYDROCHLORIDE
			10	1333411	PYRIDINE, METHYL-
			500	2820511	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, HYDROCHLORIDE, (S)-
100	100		0	54115	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-
			100	3275738	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, R-(R*,R*) -2,3-DIHYDROXY BUTANEDIOATE
1	100/		100	65305	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, SULFATE
1	500		100	140761	PYRIDINE, 2-METHYL-5-VINYL-
1	500/		0	1124330	PYRIDINE, 4-NITRO-, 1-OXIDE
			10	694053	PYRIDINE, 1,2,3,6-TETRAHYDRO-
			10	137882	PYRIDINIUM, 1-(4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL -2-METHYL-CHLORIDE, MONOHYDROCHLORIDE
			500	2971906	4-PYRIDINOL, 3,5-DICHLORO-2,6-DIMETHYL-
1	100/		100	535897	PYRIMIDINE, 2-CHLORO-4-(DIMETHYLAMINO)-6-METHYL-

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			0	738705	2,4-PYRIMIDINEDIAMINE, 5-((3,4,5-TRIMETHOXY-PHENYL)METHYL)-
10			0	66751	2,4(1H,3H)-PYRIMIDINEDIONE, 5- BIS(2-CHLOROETHYL)AMINO -
			0	314409	2,4(1H,3H)-PYRIMIDINEDIONE, 5-BROMO-6-METHYL-3-(1-METHYLPROPYL)-
1	500/		0	51218	2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO-
10			0	56042	4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO-
			0	51525	4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-PROPYL-2-THIOXO-
1	100/		100	53558251	PYRIMINIL
1		*	0	120809	PYROCATECHOL
			100		PYROPHORIC FUEL, n.o.s.
			10		PYROPHORIC LIQUIDS, n.o.s.
			10		PYROPHORIC METALS OR ALLOYS, n.o.s.
			10		PYROPHORIC SOLIDS, n.o.s.
			10		PYROSULFURIC ACID
			10	7791277	PYROSULPHURYL CHLORIDE
			10	123751	PYRROLIDINE
			0	69056	QUINACRINE HYDROCHLORIDE
5K		*	0	91225	QUINOLINE
			0	56575	QUINOLINE, 4-NITRO-, 1-OXIDE
10		*	0	106514	QUINONE
100		*	100	82688	QUINTOZENE
5K		*	100	75718	R-12
			500	75456	R-22
			0		RADIOACTIVE SUBSTANCES (see Section 100 of Regulations)
			500		RAGS, OILY
			500		RARE GASES, MIXTURES
			500		RARE GASES, MIXTURES WITH NITROGEN
			10		RARE GASES, MIXTURES WITH OXYGEN
			1	121824	RDX
			100		RED SQUILL
			10		REDUCING LIQUID
			500		REFRIGERANT GASES, n.o.s.
			10		REFRIGERANT GAS, FLAMMABLE, n.o.s.
			10		REMOVING LIQUID
5K			0	50555	RESERPINE
			10	61789659	RESIN ACIDS and ROSIN ACIDS, ALUMINUM SALTS
			10	9007130	RESIN ACIDS and ROSIN ACIDS, CALCIUM SALTS
			10		RESIN FAST BLACK WP
			10		RESIN OIL
			10		RESIN SOLUTION
			10		RESIN SOLUTION, POISONOUS
5K			0	108463	RESORCINOL
			0	101906	RESORCINOL DIGLYCIDYL ETHER
			1	82713	RESORCINOL, 2,4,6-TRINITRO
			10	7440166	RHODIUM
			100	10049077	RHODIUM (III) CHLORIDE (1:3)
			100	10049077	RHODIUM TRICHLORIDE
			500	8052424	ROAD ASPHALT, LIQUID
			10		ROAD FLARES
			10		ROAD OIL
			100		RODENTICIDES, LIQUID or SOLID, n.o.s.
			0	299843	RONNEL
			500	8002162	ROSIN OIL
			100	83794	ROTENDONE
1	100/		100	3691358	ROZOL
			10		RUBBER SCRAP, POWDERED or GRANULATED
			10		RUBBER SOLUTION
			10	8032324	RUBBER SOLVENT
			10	7440177	RUBIDIUM
			100	1310823	RUBIDIUM HYDROXIDE
100		*	0	81072	SACCHARIN
100		*	0	94597	SAFROLE
1	500/		500	14167181	SALCOMINE
1	10		10	107448	SARIN
			10		SEED CAKE, CONTAINING VEGETABLE OIL, less than 1.5% OIL and greater than 11% MOISTURE
			10		SEED CAKE, CONTAINING VEGETABLE OIL, MECHANICALLY EXPULLED greater than 10% of OIL or more than 20% of oil and MOISTURE
			10		SEED CAKE, CONTAINING VEGETABLE OIL, SOLVENT EXTRACTIONS less than 10% of OIL or more than 20% of oil and MOISTURE
		*	10		SELENATES, n.o.s., or SELENITES, n.o.s.
			100	7783086	SELENIC ACID

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10	14019911	SELENIC ACID, CALCIUM SALT (1:1)
1	100/		0	13410010	SELENIC ACID, DISODIUM SALT
1	500	*	100	7791233	SELENINYL CHLORIDE
10	1K/	*	100	7783008	SELENIUM ACID
100	100/		0	10102188	SELENIUM ACID, DISODIUM SALT
100*		*	100	7782492	SELENIUM
1			10		SELENIUM compounds
10		*	0	7446084	SELENIUM DIOXIDE
10		*	100	7488564	SELENIUM DISULFIDE
		*	100	7783791	SELENIUM FLUORIDE
		*	100	7783791	SELENIUM HEXAFLUORIDE
10		*	0	7446084	SELENIUM OXIDE
1	500	*	100	7791233	SELENIUM OXYCHLORIDE
		*	0	7446346	SELENIUM SULFIDE
10	1K/	*	100	7783008	SELENIUM ACID
			1		SELF-REACTIVE SUBSTANCES, TRIAL QUANTITIES, n.o.s.
			1		SELF-REACTIVE SUBSTANCES, SAMPLES, n.o.s.
1	1K/		500	563417	SEMICARBAZIDE HYDROCHLORIDE
1			0	115026	L-SERINE, DIAZOACETATE (ESTER)
			100	136787	SESONE
			0	68308349	SHALE OIL
			10	9000593	SHELLAC
			10	7803625	SILANE
1	1K		100	3037727	SILANE, (4-AMINOBUTYL)DIETHOXYMETHYL-
			10	7521804	SILANE, BUTYLTRICHLORO-
			100	993000	SILANE, CHLOROMETHYL-
1	1K		0	75774	SILANE, CHLOROTRIMETHYL-
			10	10137696	SILANE, (3-CYCLOHEXYL)TRICHLORO-
			10	4109960	SILANE, DICHLORO-
			10	1719535	SILANE, DICHLORODIETHYL-
			100	80104	SILANE, DICHLORODIPHENYL-
			10	1789588	SILANE, DICHLOROETHYL-
			100	1125275	SILANE, DICHLOROETHYLPHENYL
			10	75547	SILANE, DICHLOROMETHYL-
1	1K		10	149746	SILANE, DICHLOROMETHYLPHENYL-
			10	78626	SILANE, DIETHOXYDIMETHYL-
			10	75763	SILANE, TETRAMETHYL-
			10	10026047	SILANE, TETRACHLORO-
			100	7783611	SILANE, TETRAFLURO-
			10	10025782	SILANE, TRICHLORO-
			10	98124	SILANE, TRICHLOROCYCLOHEXYL-
1	500		10	27137855	SILANE, TRICHLORO(DICHLOROPHENYL)-
			100	4484724	SILANE, TRICHLORODODECYL-
			10	75945	SILANE, TRICHLOROETHENYL-
1	500		10	115219	SILANE, TRICHLOROETHYL-
			10	928654	SILANE, TRICHLOROHEXYL-
1	500		10	75796	SILANE, TRICHLOROMETHYL-
			100	5283670	SILANE, TRICHLORONONYL-
			100	112049	SILANE, TRICHLOROCTADECYL-
			10	5283669	SILANE, TRICHLOROCTYL-
			10	107722	SILANE, TRICHLOROPENTYL-
1	500		10	98135	SILANE, TRICHLOROPHENYL-
			10	107379	SILANE, TRICHLORO-2-PROPENYL-
			10	141571	SILANE, TRICHLOROPROPYL-
			10	26571799	SILANE, TRICHLORO(CHLOROPHENYL)-
			10	16961834	SILICATE (2-), HEXAFLURO-, DIHYDROGEN
			100	16871902	SILICATE (2-), HEXAFLURO-, DIPOTASSIUM
			100	16893859	SILICATE (2-), HEXAFLURO-, DISODIUM
			100	18972560	SILICATE (2-), HEXAFLURO-, MAGNESIUM
5K		*	500	16871719	SILICATE (2-), HEXAFLURO-, ZINC (1:1)
			100	78104	SILICIC ACID, TETRAETHYL ESTER
			10	681845	SILICIC ACID, TETRAMETHYL ESTER
			10	16961834	SILICOFLUORIC ACID
			10		SILICOFLUORIDES, n.o.s.
			10	10026047	SILICON TETRACHLORIDE
			100	7783611	SILICON TETRAFLUROIDE
			10	7803625	SILICON TETRAHYDRIDE
1K*		*	10	7440224	SILVER
		*	10		SILVER compounds
		*	0	7784089	SILVER ARSENITE
1		*	100	506649	SILVER CYANIDE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1		*	0	7761888	SILVER NITRATE
		*	1	146849	SILVER PICRATE
			100	64742241	SLUDGE ACID
			1		SMOKELESS POWDER, SMALL ARMS
			100	8006288	SODA LIME
10			10	7440235	SODIUM
			100	11138491	SODIUM ALUMINATE
			100	15096523	SODIUM ALUMINUM FLUORIDE
			10	13770962	SODIUM ALUMINUM HYDRIDE
			100	11138491	SODIUM ALUMINUM OXIDE
			10	11110524	SODIUM AMALGAM
			1	7782925	SODIUM AMIDE
			100	13718268	SODIUM AMMONIUM VANADATE
			500	128563	SODIUM ANTHRAQUINONE-1-SULFONATE
			100	127855	SODIUM ARSANILATE
1	1K/	*	0	7631892	SODIUM ARSENATE
1	500/	*	0	7784465	SODIUM ARSENITE
1K	500		0	26628228	SODIUM AZIDE
10		*	0	10588019	SODIUM BICHROMATE
100			100	1333831	SODIUM BIFLUORIDE
			100	7681381	SODIUM BISULFATE
5K			0	16721805	SODIUM BISULFIDE
5K			0	7631905	SODIUM BISULFITE
			500	1303964	SODIUM BORATES
			10	16940662	SODIUM BOROXYDRIDE
			10	7789380	SODIUM BROMATE
1	100/		100	124652	SODIUM CACODYLATE
			0	7775099	SODIUM CHLORATE
			1	7758192	SODIUM CHLORITE
			100	3926623	SODIUM CHLOROACETATE
			100	1307820	SODIUM CHLOROPLATINATE
10		*	0	7775113	SODIUM CHROMATE
			10		SODIUM CUPROCYANIDE SOLID
			10		SODIUM CUPROCYANIDE SOLUTION
10	100	*	0	143339	SODIUM CYANIDE
			1		SODIUM 2-DIAZO-1-NAPHTHOL-4-SULFONATE
			10		SODIUM 2-DIAZO-1-NAPHTHOL-5-SULFONATE
		*	0	2893789	SODIUM DICHLORO-ISOCYANATE
		*	0	2893789	SODIUM DICHLORO-S-TRIAZINETRIONE
10		*	0	10588019	SODIUM DICHROMATE
			1	2312767	SODIUM DINITRO-ortho-CRESOLATE
			10	7775146	SODIUM DITHIONITE
1K			100	25155300	SODIUM DODECYLBENZENE SULFONATE
100			100	15096523	SODIUM FLUOALUMINATE
1K			100	1333831	SODIUM FLUORIDE
			0	7681494	SODIUM FLUORIDE
			0		SODIUM FLUORIDES
10	10/		0	62748	SODIUM FLUOROACETATE
			100	16893859	SODIUM FLUOROSILICATE
			100	1307820	SODIUM HEXACHLOROPLATINATE (VI)
			10	7646697	SODIUM HYDRIDE
100			100	1333831	SODIUM HYDROGEN FLUORIDE
			100	7681381	SODIUM HYDROGEN SULFATE
5K			0	16721805	SODIUM HYDROSULFIDE
1K			100	1310732	SODIUM HYDROXIDE
100			0	7681529	SODIUM HYPOCHLORITE
100			10	10022705	SODIUM HYPOCHLORITE
			0	7681574	SODIUM METABISULFITE
1K			10	124414	SODIUM METHOXIDE
1K			10	124414	SODIUM METHYLATE
			10	12401864	SODIUM MONOXIDE
			0	7631994	SODIUM NITRATE
100			0	7632000	SODIUM NITRITE
			10		SODIUM NITRITE and POTASSIUM NITRATE mixtures
			10	12401864	SODIUM OXIDE
			100	131522	SODIUM PENTACHLOROPHENATE
			10	15630894	SODIUM PERCARBONATE
			10	3313926	SODIUM PERCARBONATE
			10	4452588	SODIUM PERCARBONATE
			10	7601890	SODIUM PERCHLORATE
			10	10101505	SODIUM PERMANGANATE

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

			10	1313606	SODIUM PEROXIDE
			10	7775271	SODIUM PERSULFATE
			100	139026	SODIUM PHENOLATE
			100	139026	SODIUM PHENOXIDE
5K			500	10140655	SODIUM PHOSPHATE, DIBASIC
5K			500	10039324	SODIUM PHOSPHATE, DIBASIC
5K			100	7558794	SODIUM PHOSPHATE, DIBASIC
5K			500	7758294	SODIUM PHOSPHATE, TRIBASIC
5K			500	10124568	SODIUM PHOSPHATE, TRIBASIC
5K			500	10101890	SODIUM PHOSPHATE, TRIBASIC
5K			500	10361894	SODIUM PHOSPHATE, TRIBASIC
			100	7601549	SODIUM PHOSPHATE, TRIBASIC
			500	7765844	SODIUM PHOSPHATE, TRIBASIC
			100	12058854	SODIUM PHOSPHIDE
			10	831527	SODIUM PICRAMATE, WET, greater than 20% water
			10	11135812	SODIUM-POTASSIUM ALLOY
			10		SODIUM SALTS OF NITRO-AROMATIC DERIVATIVES, n.o.s.
1	100/		0	13410010	SODIUM SELENATE
100	100/		0	10102188	SODIUM SELENITE
100			0	7782823	SODIUM SELENITE
			500	77577826	SODIUM SULFATE, solution
			10	1313822	SODIUM SULFIDE
			10	12034127	SODIUM SUPEROXIDE
	500/		0	10102202	SODIUM TELLURITE
			100	13718268	SODIUM VANADATE
			10		SPENT MIXED ACID
			0	8025818	SPIRAMYCIN
			10		STAIN
			100	56360	STANNANE, ACETOXYTRIBUTYL
1	500/		100	900958	STANNANE, ACETOXYTRIPHENYL-
			500	994310	STANNANE, CHLOROTRIETHYL-
1	500/		100	639587	STANNANE, CHLOROTRIPHENYL
			0	76879	STANNANE, HYDROXYTRIPHENYL
			100	7646788	STANNANE, TETRACLORO-
			100	13121705	STANNANE, TRICYCLOHEXYLHYDROXY-
			100	7646788	STANNIC CHLORIDE
			100	10026069	STANNIC CHLORIDE, HYDRATED
			10	25324565	STANNIC PHOSPHIDE
			0	7772998	STANNOUS CHLORIDE
			100	7783473	STANNOUS FLUORIDE
			1	9056386	STARCH, NITRATE
			10		STEEL SWarf
			100	7803523	STIBINE
1K	*		10	7789619	STIBINE, TRIBROMO-
1K	*		10	10025919	STIBINE, TRICHLORO-
1K	*		100	7783564	STIBINE, TRIFLUORO-
			100	8052413	STODDARD SOLVENT
			500	59018	D-STREPTAMINE, O-3-AMINO-3-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-6)-ortho-(6-AMINO-6-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-4))-2-DEOXY-
			0	128461	STREPTAMINE, O-beta-D-MANNOPYRANOSYL-(1-4)-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANOSYL-(1-2)-5-DEOXY-O-3-C-(HYDROXYMETHYL)-alpha-L-LYXOFURANOSYL-(1-4)-N,N'-DIAMIDINO-, 1),
			0	57921	STREPTOMYCIN
1			0	18883664	STREPTOZOCIN
			10	7440246	STRONTIUM
		*	100	15195069	STRONTIUM ARSENITE
			10	7791108	STRONTIUM CHLORATE
10	*		0	7789062	STRONTIUM CHROMATE
			10	10042769	STRONTIUM NITRATE
			10	13450970	STRONTIUM PERCHLORATE
			10	1314187	STRONTIUM PEROXIDE
			500	12504131	STRONTIUM PHOSPHIDE
			100	1314961	STRONTIUM SULFIDE
10	100/		100	57249	STRYCHNIDIN-10-ONE
100			500	357573	STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
10	100/		100	57249	STRYCHNINE
1	100/		100	60413	STRYCHNINE, SULFATE
			1	82713	STYPHNIC ACID
1K	*		0	100425	STYRENE MONOMER
1	*		0	96093	STYRENE OXIDE
			10		SUBSTANCES, WHICH,WHEN IN CONTACT WITH WATER,EMIT FLAMMABLE GASES,n.o.s.

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10		SUBSTITUTED NITROPHENOL PESTICIDES, LIQUID, FLAMMABLE, TOXIC, n.o.s., flash point less than 23C
			10		SUBSTITUTED NITROPHENOL PESTICIDES, LIQUID, FLAMMABLE, TOXIC, n.o.s., flash point between 23C and 61C
			10		SUBSTITUTED NITROPHENOL PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		SUBSTITUTED NITROPHENOL PESTICIDES, SOLID, TOXIC, n.o.s.
			100	1395217	SUBTILISINS (Proteolytic Enzyme as 100% pure crystalline enzyme)
			10	123239	SUCCINIC ACID PEROXIDE
			100	110612	SUCCINONITRILE
			0	95067	SULFALLATE
			500	723466	SULFAMETHOXAZOLE
			100	5329146	SULFAMIC ACID
5K			1	7773060	SULFAMIC ACID, MONOAMMONIUM SALT
			0	72140	SULFATHIAZOLE
100	500		100	3689245	SULFOTEPP
1	500		100	3569571	SULFOXIDE, 3-CHLOROPROPYL OCTYL
			10	7704349	SULFUR
			10	10025679	SULFUR CHLORIDE
			0	7446095	SULFUR DIOXIDE
1	500		500	2551624	SULFUR FLUORIDE
			10	7783600	SULFUR FLUORIDE
1	100		100	5714227	SULFUR FLUORIDE
			500	2551624	SULFUR HEXAFLUORIDE
1K	1K	*	100	7664939	SULFURIC ACID
5K			500	10043013	SULFURIC ACID, ALUMINUM SALT (3:2)
1K			100	10045893	SULFURIC ACID, AMMONIUM IRON(II) SALT (2:2:1)
100		*	100	15699180	SULFURIC ACID, AMMONIUM NICKEL(2+) SALT (2:2:1)
		*	100	14489259	SULFURIC ACID, CHROMIUM SALT
1K		*	0	10101538	SULFURIC ACID, CHROMIUM(3+) SALT (3:2)
10		*	0	7758987	SULFURIC ACID, COPPER(II) SALT (1:1)
1		*	0	64675	SULFURIC ACID, DIETHYL ESTER
		*	100	7783360	SULFURIC ACID, DIMERCURY(1+) SALT
100	500	*	0	77781	SULFURIC ACID, DIMETHYL ESTER
1K			10	8014957	SULFURIC ACID, FUMING
1K			0	7720787	SULFURIC ACID, IRON(2+) SALT (1:1)
1K			100	10028225	SULFURIC ACID, IRON(III) SALT (3:2)
100		*	0	7446142	SULFURIC ACID, LEAD (2+) SALT 1:1
10		*	100	7783359	SULFURIC ACID, MERCURY(II) SALT (1:1)
1K			10	8014957	SULFURIC ACID, mixture with SULFUR TRIOXIDE
			100	7803636	SULFURIC ACID, MONOAMMONIUM SALT
			100	7782787	SULFURIC ACID, MONOANHYDRIDE WITH NITROUS ACID
			100	540829	SULFURIC ACID, MONOETHYL ESTER
			100	7646937	SULFURIC ACID, MONOPOTASSIUM SALT
			100	7681381	SULFURIC ACID, MONOSODIUM SALT
100		*	0	7786814	SULFURIC ACID, NICKEL(2+) SALT (1:1)
100	100/	*	100	10031591	SULFURIC ACID, THALLIUM SALT
1K		*	0	7733020	SULFURIC ACID, ZINC SALT (1:1)
5K			100	14644612	SULFURIC ACID, ZIRCONIUM (4+) SALT (2:1)
1K			10	12771083	SULFUR MONOCHLORIDE
			100	13780035	SULFUROUS ACID, CALCIUM SALT (2:1)
			0	140578	SULFUROUS ACID, 2-CHLOROETHYL 2- 4-(1,1-DIMETHYLETHYL)PHENOXY -1-METHYL ETHYL ESTER
5K			100	10196040	SULFUROUS ACID, DIAMMONIUM SALT
10			100	2312358	SULFUROUS ACID, 2- 4-(1, 1-DIMETHYLETHYL)PHENOXY CYCLOHEXYL 2-PROPYNYL ESTER
			100	7782992	SULFUROUS ACID
5K			100	10192300	SULFUROUS ACID, MONOAMMONIUM SALT
5K			0	7631905	SULFUROUS ACID, MONOSODIUM SALT
			100	7782992	SULFUROUS ACID SOLUTION
			100	5714227	SULFUR PENTAFLUORIDE
1	100		10	7783600	SULFUR TETRAFLUORIDE
1	100		10	7446119	SULFUR TRIOXIDE
			10	7791255	SULFURYL CHLORIDE
			100	2699798	SULFURYL FLUORIDE
			100	5329146	SULPHAMIC ACID
			100	35400432	SULPROFOS
			100	122101	SWAT
		*	10	87901	SYNCLOSENE
1K			0	93765	2,4,5-T
1	10		100	77816	TABUN
			10	7440257	TANTALUM

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
		*	0		TAR, liquid
			500	50317	2,3,6-TBA
			100	76039	TCA
1			0	1746016	TCDD
			100		TEAR GAS CANDLES, NON-EXPLOSIVE
		*	100		TEAR GAS (IRRITATING SUBSTANCES, liquid or solid), n.o.s.
1	500/		0	13494809	TELLURIUM
1	100		100	7783804	TELLURIUM FLUORIDE
1	100		100	7783804	TELLURIUM HEXAFLUORIDE
			100	846504	TEMAZEPAM
			100	3383968	TEMEPHOS
10	100		100	107493	TEPP
1	100		100	13071799	TERBUFOS
			100	100210	TEREPHTHALIC ACID
			10	68956569	TERPENE HYDROCARBONS, n.o.s.
			100	92068	m-TERPHENYL
			100	84151	o-TERPHENYL
			500	92944	p-TERPHENYL
			500	586629	TERPINOLENE
			10		tert-BUTYL HYDROPEROXIDE SOLUTION, maximum 80% in DI-tert-BUTYL PEROXIDE and solvent
			10		tert-BUTYL PEROXYDIETHYL-ACETATE with tert-BUTYL PEROXYBENZOATE
			10		tert-BUTYL PEROXYISONONANOATE
			10		tert-BUTYL PEROXY-PHTHALATE
		*	10		tert-BUTYL-2,4,6-TRINITRO-m-XYLENE
			10		tert-OCTYL PEROXY-2-ETHYLHEXANOATE
			0	58220	TESTOSTERONE
			10	100970	1,3,5,7-TETRAAZATRICYCLO 3.3.1.13,7 DECANE
			100	25167208	TETRABROMOETHANE
			100	79276	TETRABROMOETHANE
5K			500	95943	1,2,4,5-TETRACHLOROBENZENE
1			0	1746016	2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN
			100	76120	1,1,2,2-TETRACHLORO-1,2-DIFLUOROETHANE
			500	76119	1,1,1,2-TETRACHLORO-2,2-DIFLUOROETHANE
100			100	630206	1,1,1,2-TETRACHLOROETHANE
100		*	0	79345	1,1,2,2-TETRACHLOROETHANE
100		*	0	127184	TETRACHLOROETHYLENE
			500	1335882	TETRACHLORONAPHTHALENE
10			100	58902	2,3,4,6-TETRACHLOROPHENOL
			10	117088	TETRACHLOROPHTHALIC ANHYDRIDE
		*	0	961115	TETRACHLOROVINPHOS
			0	60548	TETRACYCLINE
100	500		100	3689245	TETRAETHYL DITHIOPYRO-PHOSPHATE
			0	112572	TETRAETHYLENEPENTAMINE
10	100		0	78002	TETRAETHYL LEAD
10	100		100	107493	TETRAETHYL PYROPHOSPHATE
			100	78104	TETRAETHYL SILICATE
1	100		100	597648	TETRAETHYL TIN
			10	116143	TETRAFLUROETHYLENE
			1	10036472	TETRAFLUROHYDRAZINE
			500	75730	TETRAFLUROMETHANE
			100	1321160	TETRAHYDROBENZALDEHYDE
		*	10	110838	1,2,3,4-TETRAHYDROBENZENE
1K			10	109999	TETRAHYDROFURAN
			500	4795293	TETRAHYDROFURFURYLAMINE
			100	85438	TETRAHYDROPHTHALIC ANHYDRIDE
			10	694053	1,2,3,6-TETRAHYDROPYRIDINE
			500	110010	TETRAHYDROTHIOPHENE
			10	771299	TETRALIN HYDROPEROXIDE
			100	75592	TETRAMETHYL AMMONIUM HYDROXIDE
			10	5809085	1,1,3,3-TETRAMETHYL BUTYL HYDROPEROXIDE
			10	22288433	1,1,3,3-TETRAMETHYLBUTYLPEROXY-2-ETHYL HEXANOATE, technical pure
		*	0	90948	TETRAMETHYLDIAMINOENZOPHENONE
1	100		0	75741	TETRAMETHYL LEAD
			500	51809	TETRAMETHYLMETHYLENEDIAMINE
			10	75763	TETRAMETHYL SILANE
			100	3333526	TETRAMETHYL SUCCINONITRILE
			1	53014372	TETRANITRO-ANILINE
10	500		10	509148	TETRANITROMETHANE
100			100	757584	TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
			10	3087374	TETRAPROPYLOTHOTITANATE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			100	7722885	TETRASODIUM PYROPHOSPHATE
			1	2691410	1,3,5,7-TETRAZOCINE, OCTAHYDRO-1,3,5,7-TETRANITRO-
			10	21732172	TETRAZOL-1-ACETIC ACID
			10	21732172	1H-TETRAZOLE-1-ACETIC ACID
			10	108623	1,3,5,7-TETROXOCANE, 2,4,6,8-TETRAMETHYL-
			1	479458	TETRYL
			10		TEXTILE WASTE, WET, n.o.s.
100			100	1314325	THALLIC OXIDE
1K*		*	100	7440280	THALLIUM
100		*	100	563688	THALLIUM ACETATE
		*	100	13453300	THALLIUM CHLORATE
			10		THALLIUM compounds
100		*	10	10102451	THALLIUM NITRATE
			10		THALLIUM SALT, n.o.s.
1K		*	500	12039520	THALLIUM SELENIDE
100	100/	*	100	10031591	THALLIUM SULFATE
100	100/	*	0	6533739	THALLOUS CARBONATE
100	100/	*	100	7791120	THALLOUS CHLORIDE
1	100/	*	100	2757188	THALLOUS MALONATE
100	100/	*	100	7446186	THALLOUS SULFATE
100	100/	*	100	10031591	THALLOUS SULFATE
			500	551166	4-THIA-1-AZABICYCLO 3.2.0 HEPTANE-2-CARBOXYLIC ACID, 6-AMINO-3,3-DIMETHYL-7-OXO-, 2S-(2 alpha,5 alpha,6 beta) -
			100	69534	4-THIA-1-AZABICYCLO 3.2.0 HEPTANE-2-CARBOXYLIC ACID, 6-(AMINOPHENYL ACETYL)AMINO -3,3-DIMETHYL-7-OXO-, 2S-2alpha, 5alpha, 6beta(5*) -
			0	61336	4-THIA-1-AZABICYCLO 3.2.0 HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-(PHENYLACETYL)AMINO - 2S-(2alpha,5 alpha, 6 beta)-
			10	3268493	4-THIAPENTANAL
			10		THINNERS
10		*	0	62555	THIOACETAMIDE
			10	507095	THIOACETIC ACID
1	100/		100	4418660	2,2'-THIOBIS(4-CHLORO-6-METHYL)PHENOL
			100	97187	2,2'-THIOBIS-4,6-DICHLORO-PHENOL
			500	96695	4,4'-THIOBIS (6-tert BUTYL-m-CRESOL)
1	1K/		100	2231574	THIOCARBAZIDE
5K		*	100	1762954	THIOCYANIC ACID, AMMONIUM SALT
			100	21564170	THIOCYANIC ACID, (2-BENZOTHAZOLYLTHIO)METHYL ESTER
			100	112561	THIOCYANIC ACID, 2-(2-BUTOXYETHOXY)ETHYL ESTER
100		*	0	592870	THIOCYANIC ACID, LEAD(2+) SALT
10		*	100	592858	THIOCYANIC ACID, MERCURY (2+) SALT
		*	0	139651	4,4'-THIODIANILINE
100	500		100	3689245	THIODIPHOSPHORIC ACID, O-TETRAETHYL ESTER
100	100/		10	39196184	THIOFANOX
			100		THIOGLYCOL
			100	68111	THIOGLYCOLIC ACID
			100	79425	THIOLACTIC ACID
			0	640153	THIOMETON
100	500		100	297972	THIONAZIN
			100	7719097	THIONYL CHLORIDE
			0	97778	THIOPEROXYDICARBONIC DIAMIDE, TETRAETHYL-
10			0	137268	THIOPEROXYDICARBONIC DIAMIDE, TETRAMETHYL-
			10	110021	THIOPHENE
			500	110010	THIOPHENE, TETRAHYDRO-
100	500		10	108985	THIOPHENOL
			100	463718	THIOPHOSGENE
100	100/		100	79196	THIOSEMICARBAZIDE
			100	7783188	THIOSULFURIC ACID, DIAMMONIUM SALT
10		*	0	62566	THIOUREA
100	100/		100	5344821	THIOUREA, (2-CHLOROPHENYL)-
1	500/		500	614788	THIOUREA, (2-METHYLPHENYL)-
			10	30553049	THIOUREA, NAPHTHALENYL-
100	500/		0	86884	THIOUREA, 1-NAPHTHALENYL-
10			0	137268	THIRAM
			0	7440291	THORIUM
		*	0	1314201	THORIUM DIOXIDE
		*	0	13823295	THORIUM NITRATE
		*	0	1314201	THORIUM OXIDE
			500	7440315	TIN
			0	7772998	TIN CHLORIDE
			100	10026069	TIN(IV) CHLORIDE, PENTAHYDRATE(1:4:5)
			100	7783473	TIN FLUORIDE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10	25324565	TIN PHOSPHIDE
			100	7646788	TIN TETRACHLORIDE
			10	7440326	TITANIUM
			10	7705079	TITANIUM CHLORIDE
1	100	*	100	7550450	TITANIUM CHLORIDE
			100	13463677	TITANIUM DIOXIDE
			10	11140684	TITANIUM HYDRIDE
			100	13463677	TITANIUM OXIDE
			100	13825746	TITANIUM OXO(SULFATO)-
			10		TITANIUM SPONGE, granules or powder
			100	13825746	TITANIUM SULFATE
1	100	*	100	7550450	TITANIUM TETRACHLORIDE
			10	7705079	TITANIUM TRICHLORIDE
			10		TOE PUFFS, NITROCELLULOSE BASE
10		*	0	119937	o-TOLIDINE
			0	671169	p-TOLUAMIDE-n-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)
1K		*	0	108883	TOLUENE
10			0	25376458	TOLUENEDIAMINE
100	500	*	0	584849	TOLUENE-2,4-DIISOCYANATE
100	100	*	0	91087	TOLUENE-2,6-DIISOCYANATE
			500	98464	TOLUENE, 3-NITRO-alpha, alpha, alpha-TRIFLUORO-
			100	25231463	TOLUENE SULFONIC ACID
			10	108441	m-TOLUIDINE
100		*	0	95534	o-TOLUIDINE
100			0	106490	p-TOLUIDINE
100		*	0	636215	o-TOLUIDINE HYDROCHLORIDE
100			0	99558	o-TOLUIDINE-5-NITRO-
1	500/	*	0	8001352	TOXAPHENE
100			10	32524955	2,4,5-TP ESTERS
			500	9000651	TRAGACANTH GUM
1		*	0	1332214	TREMOLITE
			0	299752	TREOSULFAN
			100	102705	TRIALLYLAMINE
			500	1693716	TRIALLYL BORATE
1	500/		500	1031476	TRIAMIPBOS
			0	1912249	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-
			1	121824	1,3,5-TRIAZINE, HEXAHYDRO-1,3,5-TRINITRO-TRIAZINE PESTICIDES, LIQUID, FLAMMABLE, TOXIC, n.o.s., flash point between 23C and 61C
			10	2782572	1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-
		*	10	2244215	1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-
		*	0	2893789	S-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, DICHLORO-, SODIUM SALT POTASSIUM SALT
		*	10	87901	1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRICHLORO-
			10		TRIAZINE PESTICIDES, LIQUID, FLAMMABLE, TOXIC, n.o.s., flash point between 23C and 61C
			10		TRIAZINE PESTICIDES, LIQUID, FLAMMABLE, TOXIC, n.o.s., flash point less than 23C
			10		TRIAZINE PESTICIDES, LIQUID, TOXIC, n.o.s.
			10		TRIAZINE PESTICIDES, SOLID, TOXIC, n.o.s.
		*	10	108770	1,3,5-TRIAZINE, 2,4,6-TRICHLORO-
		*	100	21087649	1,2,4-TRIAZIN-5(4H)-ONE, 4-AMINO-6-(1,1-DIMETHYLETHYL)-3-(METHYLTHIO)-
			0	68768	TRIAZIQUONE
1	500		100	24017478	TRIAZOFOS
			0	28911015	TRIAZOLAM
10			0	61825	1H-1,2,4-TRIAZOL-3-AMINE
			0	28911015	4H-S-TRIAZOLO(4,3-A)(1,4)BENZODIAZEPINE, 8-CHLORO-6-(O-CHLOROPHENYL)-1-METHYL-
			0	28981977	4H-S-TRIAZOLO(4,3-alpha)(1,4)BENZODIAZEPINE, 8-CHLORO-1-METHYL-6-PHENYL
			10	1116707	TRIBUTYL ALLUMINUM
			100	102829	TRIBUTYLAMINE
			100	126738	TRIBUTYL PHOSPHATE
			100	56360	TRIBUTYL TIN ACETATE
100		*	0	52686	TRICHLORFON
			100	76039	TRICHLOROACETIC ACID
1	500		100	76028	TRICHLOROACETYL CHLORIDE
			10	87616	1,2,3-TRICHLOROBENZENE
100		*	100	120821	1,2,4-TRICHLOROBENZENE
			10	12002481	TRICHLOROBENZENES
			10	51023224	TRICHLOROBUTENE
1	100		100	1558254	TRICHLORO(CHLOROMETHYL)SILANE
1	500		100	27137855	TRICHLORO(DICHLOROPHENYL)SILANE
1K		*	0	71556	TRICHLOROETHANE, 1,1,1-

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RQ	TPQ	3T3	TRQ	CAS	Common or Chemical Name
1K		*	0	71556	1,1,1-TRICHLOROETHANE
100		*	0	79005	1,1,2-TRICHLOROETHANE
100		*	0	79016	TRICHLOROETHENE
100		*	0	79016	TRICHLOROETHYLENE
1	500		10	115219	TRICHLOROETHYLSILANE
5K		*	100	75694	TRICHLOROFUOROMETHANE
		*	10	87901	TRICHLOROISOCYANURIC ACID
100	500		100	594423	TRICHLORO METHANE SULFENYL CHLORIDE
			100	1321659	TRICHLORONAPHTHALENE
1	500		100	327980	TRICHLORONATE
10		*	10	25167822	TRICHLOROPHENOL
10		*	10	15950660	2,3,4-TRICHLOROPHENOL
10		*	10	933788	2,3,5-TRICHLOROPHENOL
10		*	500	933755	2,3,6-TRICHLOROPHENOL
10		*	100	95954	2,4,5-TRICHLOROPHENOL
10		*	0	88062	2,4,6-TRICHLOROPHENOL
10		*	10	609198	3,4,5-TRICHLOROPHENOL
1K			0	93765	2,4,5-(TRICHLOROPHENOXY) ACETIC ACID
100			0	93721	TRICHLOROPHENOXYPROPIONIC ACID
			10	73826296	TRICHLOROPHENOXYPROPIONIC ACID ESTER
			100	6047172	TRICHLOROPHENOXYPROPIONIC ACID ESTER
			500	55720995	TRICHLOROPHENYL ETHER
1	500		10	98135	TRICHLOROPHENYLSILANE
100		*	0	52686	TRICHLOROPHON
			0	96184	1,2,3-TRICHLOROPROPANE
			10	10025782	TRICHLORSILANE
		*	100	76131	1,1,2-TRICHLORO 1,2,2-TRIFLUOROETHANE
1K			10	27323417	TRIETHANOLAMINE DODECYLBENZENESULFONATE
1	500		100	998301	TRIETHOXSILANE
			10	97938	TRIETHYL ALUMINUM
5K			10	121448	TRIETHYLAMINE
			100	280579	TRIETHYLENE DIAMINE
			0	112243	TRIETHYLENE TETRAMINE
			100	122521	TRIETHYL PHOSPHITE
			500	994310	TRIETHYLTIN CHLORIDE
			100	76051	TRIFLUOROACETIC ACID
		*	500	75638	TRIFLUOROBROMOMETHANE
			10	79389	TRIFLUOROCHLOROETHYLENE
			100	27987060	TRIFLUOROETHANE
			500	75467	TRIFLUOROMETHANE
			10	88175	2-TRIFLUOROMETHYL ANILINE
1	500		100	98168	3-TRIFLUOROMETHYL ANILINE
		*	100	1582098	TRIFLURALIN
			10	100992	TRIISSOBUTYL ALUMINIUM
			500	7756947	TRIISSOBUTYLENE
			10		TRIISSOCYANATOISOCYANURATE of ISOPHORONEDIISOCYANATE, solution
			10	5419556	TRIISSOPROPYL BORATE
			100	552307	TRIMELLITIC ANHYDRIDE
			0	127480	TRIMETHADIONE
			0	738705	TRIMETHOPRIM
			100	3282302	TRIMETHYLACETYL CHLORIDE
			10	75241	TRIMETHYL ALUMINUM
100			10	75503	TRIMETHYLAMINE
1	500		100	88051	2,4,6-TRIMETHYL ANILINE
		*	100	95636	1,2,4-TRIMETHYL BENZENE
			100	25551137	TRIMETHYL BENZENE
			100	108678	1,3,5-TRIMETHYLBENZENE
			10	121437	TRIMETHYLBORATE
1	1K		0	75774	TRIMETHYLCHLOROSILANE
			10	34216347	TRIMETHYLCYCLOHEXYLAMINE
			10	25620580	TRIMETHYLHEXAMETHYLENEDIAMINE
			10	28679165	TRIMETHYLHEXAMETHYLENEDIISOCYANATE
			10	28324529	TRIMETHYL NORPINARYL HYDROPEROXIDE
1	100/		100	824113	TRIMETHYLOLPROPANE PROSPHITE
			10	25167708	2,4,4-TRIMETHYLPENTENE
			10		2,4,4-TRIMETHYLPENTYL-2-PEROXYPHENOXY-ACETATE
			100	121459	TRIMETHYL PHOSPHITE
1	500/		500	1066451	TRIMETHYLTIN CHLORIDE
			1	26952421	TRINITRO-ANILINE
			1	606359	TRINITROANISOLE
10			0	99354	TRINITROBENZENE

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
			10	2508192	TRINITROBENZENESULFONIC ACID
			1	129668	TRINITROBENZOIC ACID
			1	28260619	TRINITROCHLOROBENZENE
			10	25322149	TRINITROFLUORENONE
			1	602993	TRINITRO-m-CRESOL
			1	55810178	TRINITRONAPHTHALENE
			10	4732143	TRINITROPHENETOLE
		*	0	88891	2,4,6-TRINITROPHENOL
			1	82713	TRINITRORESORCINOL
			0	118967	2,4,6-TRINITROTOLUENE
			100	78308	TRIOETHOCRESYL PHOSPHATE
1K			10	123637	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL-
			500	603349	TRIPHENYL AMINE
			100	115866	TRIPHENYL PHOSPHATE
1	500/		100	639587	TRIPHENYLTIN CHLORIDE
			0	76879	TRIPHENYLTIN HYDROXIDE
			10	102670	TRIPROPYL ALUMINUM
			100	102692	TRIPROPYLAMINE
			10	13987014	TRIPROPYLENE
		*	0	68768	2,3,5-TRIS(1-AZIRIDINYL)-p-BENZOQUINONE
			0	545551	TRIS(1-AZIRIDINYL)PHOSPHINE OXIDE, solution
			0	52244	TRIS(1-AZIRIDINYL)-PHOSPHINE SULFIDE
1	100		0	555771	TRIS(2-CHLOROETHYL)AMINE
		*	0	126727	TRIS(2,3-DIBROMOPROPYL)PHOSPHATE
		*	10	2244215	TROCLOSENE POTASSIUM
10			0	72571	TRYPAN BLUE
			100	9002077	TRYPSIN
1K			10	13560991	2,4,5-T SALTS
			0	7440337	TUNGSTEN
			100	12070121	TUNGSTEN CARBIDE
			100	7783826	TUNGSTEN FLUORIDE
			100	7783826	TUNGSTEN HEXAFLUORIDE
			10	8006642	TURPENTINE
			10		TURPENTINE SUBSTITUTE
			0	555306	2-TYROSINE, 3-HYDROXY-alpha-METHYL-
			500	1120214	UNDECANE
			10	5332525	1-UNDECANETHIOL
10			0	66751	URACIL, 5-(BIS(2-CHLOROETHYL)AMINO)
1	500/		0	51218	URACIL, 5-FLUORO
10			0	56042	URACIL, 6-METHYL-2-THIO-
			0	51525	URACIL, 6-PROPYL-2-THIO-
			0	7440611	URANIUM
100			0	541093	URANIUM, BIS(ACETATO-O)DIOXO-
100			0	10102064	URANIUM, BIS(NITRATO-O)DIOXO-
			0	13520837	URANIUM, BIS(NITRATO-O)DIOXO-, HEXAHYDRATE
			0	1344576	URANIUM DIOXIDE
			0	7783815	URANIUM FLUORIDE
			0	7783815	URANIUM HEXAFLUORIDE
			0	10026105	URANIUM (IV) CHLORIDE
			0	19525156	URANIUM PEROXIDE
			0	10026105	URANIUM TETRACHLORIDE
			0	10049146	URANIUM TETRAFLUORIDE
			0	10025931	URANIUM TRICHLORIDE
			0	1344587	URANIUM TRIOXIDE
			0	7791266	URANIUM (VI), DICHLORODIOXY
100			0	541093	URANYL ACETATE
			0	7791266	URANYL CHLORIDE
			0	1344576	URANYL DIOXIDE
100			0	10102064	URANYL NITRATE
			0	13520837	URANYL NITRATE HEXAHYDRATE
			0	19525156	URANYL PEROXIDE
			0	18433482	URANYL PHOSPHATE
			0	1314643	URANYL SULFATE
			0	13010474	UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-
10			10	124436	UREA, compound with HYDROGEN PEROXIDE
10			10	124436	UREA HYDROGEN PEROXIDE
			0	127071	UREA, HYDROXY-
			10	124470	UREA, MONONITRATE
			10	13114620	UREA, 2-NAPHTHALENYL
			10	6950841	UREA, 1-NAPHTHALENYL
100			0	330541	UREA, N'-(3,4-DICHLOROPHENYL)-N,N-DIMETHYL-

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RQ	TPQ	313	TRQ	CAS	Common or Chemical Name
1		*	0	759739	UREA, N-ETHYL-N-NITROSO-
			10	124470	UREA NITRATE
1		*	0	684935	UREA, N-METHYL-N-NITROSO-
			0	154938	UREA, N,N'-BIS(2-CHLOROETHYL)-N-NITROSO-
		*	0	2164172	UREA, N,N-DIMETHYL-N-(3-TRIFLUOROMETHYL)PHENYL)-
			10	124436	UREA PEROXIDE
100		*	0	51796	URETHANE
			10	110623	VALERALDEHYDE
			100	109524	VALERIC ACID
			100	638299	VALERYL CHLORIDE
1	1K/		100	2001958	VALINOMYCIN
1K			100	7803556	VANADATE, AMMONIUM
			10	13769432	VANADATE, POTASSIUM
			10	11130215	VANADIUM CARBIDE
			100	7718981	VANADIUM CHLORIDE
			100	7632511	VANADIUM CHLORIDE
		*	10	7440622	VANADIUM (fume and dust)
1K	100/		100	1314621	VANADIUM OXIDE
			100	1314347	VANADIUM OXIDE
1K			100	27774136	VANADIUM, OXO SULFATO(2-)-D -
			10	7727186	VANADIUM OXYTRICHLORIDE
1K	100/		100	1314621	VANADIUM PENTOXIDE
			100	7632511	VANADIUM TETRACHLORIDE
			100	7718981	VANADIUM TRICHLORIDE
			10	7727186	VANADIUM, TRICHLOROEXO-
			100	1314347	VANADIUM TRIOXIDE
1K			100	27774136	VANADYL SULFATE
			10	7727186	VANADYL TRICHLORIDE
			10		VARRISH
			100	8052413	VARNOLINE
			100	8052413	VARSOL
5K	1K	*	1	108054	VINYL ACETATE
5K	1K	*	1	108054	VINYL ACETATE MONOMER
10		*	0	4549400	VINYLAMINE, N-METHYL-N-NITROSO-
1K		*	0	100425	VINYL BENZINE
1		*	0	593602	VINYL BROMIDE
			10	123206	VINYL BUTYRATE
		*	0	75014	VINYL CHLORIDE
			10	2549511	VINYL CHLOROACETATE
			0	106876	VINYL CYCLOHEXENE DIOXIDE
			10	109922	VINYL ETHYL ETHER
			10	75025	VINYL FLUORIDE
100		*	0	75354	VINYLDENE CHLORIDE
			10	75387	VINYLDENE FLUORIDE
			10	109535	VINYL ISOBUTYL ETHER
			10	107255	VINYL METHYL ETHER
			1	111342	VINYL-n-BUTYL ETHER
			500	3048644	VINYLNORBORNENE
			0	25013154	VINYL TOLUENE
			10	75945	VINYL TRICHLOROSILANE
			10	8032324	V.M. & P. NAPHTHA
100	500/		0	81812	WARFARIN
1	100/		0	129066	WARFARIN SODIUM
		*	10		WASTE OIL
			10		WATER REACTIVE SOLID, n.o.s.
		*	500		WAX, LIQUID
			100	8052413	WHITE SPIRITS
			10		WOOD FILLER, LIQUID
		*	10		WOOD PRESERVATIVE, LIQUID
			10		WOOL WASTE, MET
		*	0	81889	XANTHYLIUM, 9-(2-CARBOXYPHENYL)-3,6-BIS(DIETHYL AMINO)-, CHLORIDE
		*	0	989388	XANTHYLIUM, 9-2-(ETHOXYCARBOXYL)PHENYL -3,6-BIS(ETHYLAMINO)-2,7-DIMETHYL-, CHLORIDE
			500	7440633	XENON
1K		*	0	108383	m-XYLENE
1K		*	0	95476	o-XYLENE
			100	28258595	XYLENE, BROMO-
1K		*	0	106423	p-XYLENE
			100	1477550	m-XYLENE a,a'-DIAMINE
1K		*	0	1330207	XYLENES
1K			100	1300716	XYLENOL

S A R A			NEW YORK CITY COMMUNITY RIGHT-TO-KNOW LAW		
RQ	TPQ	313	TRQ	CAS	Common or Chemical Name

		*	100	1300738	XYLIDINE
		*	500	87627	2,6-XYLIDINE
		*	100	28258595	XYLYL BROMIDE
1	100/	*	100	28347139	XYLYLENE DICHLORIDE
5K		*	0	50555	YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18- (3,4,5-TRIMETHOXY BENZOYL)OXY-, METHYL ESTER, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
		*	10	7440655	YTTRIUM
1K		*	0	557346	ZINC ACETATE
		*	10	14639486	ZINC AMMONIUM CHLORIDE
1K		*	100	52628258	ZINC AMMONIUM CHLORIDE
1K		*	10	14639975	ZINC AMMONIUM CHLORIDE
		*	10	63885018	ZINC AMMONIUM NITRITE
		*	0	1303395	ZINC ARSENATE
		*	0	10326246	ZINC ARSENITE
		*	10		ZINC ASHES
		*	10		ZINC BISULFITE solution
1K		*	100	1332076	ZINC BORATE
		*	10	14519074	ZINC BROMATE
1K		*	100	7699458	ZINC BROMIDE
		*	100	3486359	ZINC CARBONATE
		*	10	10361952	ZINC CHLORATE
1K		*	0	7646857	ZINC CHLORIDE
		*	0	13530659	ZINC CHROMATE
		*	10		ZINC compounds
10		*	100	557211	ZINC CYANIDE
1	100/	*	100	58270089	ZINC, DICHLORO(4,4-DIMETHYL-5-(((METHYLAMINO)CARBONYL)OXY)IMINO) PENTANENITRILE)
		*	10	557200	ZINC, DIETHYL-
		*	10	544978	ZINC, DIMETHYL-
1K		*	10	7779864	ZINC DITHIONITE
		*	0	12122677	ZINC, ETHYLENE BIS(DITHIOCARBAMATE)
1K		*	100	7783495	ZINC FLUORIDE
1K		*	100	557415	ZINC FORMATE
1K*		*	10	7440666	ZINC (fume and dust)
1K		*	10	7779864	ZINC HYDROSULFITE
1K		*	10	7779886	ZINC NITRATE
		*	100	1314132	ZINC OXIDE
		*	100	1314132	ZINC OXIDE FUME
		*	10	23414724	ZINC PERMANGANATE
		*	1	1314223	ZINC PEROXIDE
5K		*	100	127822	ZINC PHENOLSULFONATE
100	500	*	10	1314847	ZINC PHOSPHIDE
		*	0	11103869	ZINC POTASSIUM CHROMATE
		*	10	9010699	ZINC RESINATE
		*	10		ZINC SELENATE
		*	10	13597461	ZINC SELENITE
5K		*	500	16871719	ZINC SILICOFUORIDE
1K		*	0	7733020	ZINC SULFATE
		*	0	12122677	ZINEB
100	500	*	100	297972	ZINOPHOS
1K		*	100	16923958	ZIRCONATE(2-), HEXAFLUORO-, DIPOTASSIUM,
		*	10	7440677	ZIRCONIUM
5K		*	10	10026116	ZIRCONIUM CHLORIDE
		*	1	77049961	ZIRCONIUM HYDRIDE
5K		*	10	13746899	ZIRCONIUM NITRATE
		*	10	63868826	ZIRCONIUM PICRAMATE
1K		*	100	16923958	ZIRCONIUM POTASSIUM FLUORIDE
5K		*	100	14644612	ZIRCONIUM SULFATE
5K		*	10	10026116	ZIRCONIUM TETRACHLORIDE

SECTION 313 EPCRA

LIST OF NEWLY ADDED CHEMICALS

<u>Chemical Name</u>	<u>CAS No.</u>
Abamectin [Avermectin B1]	71751-41-2
Acephate (Acetylphosphoroamidothioic acid O,S-dimethyl ester)	30560-19-1
Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl) phenoxy)-2-nitro-benzoic acid, sodium salt]	62476-59-9
Alachlor	15972-60-8
Aldicarb	116-06-3
d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethronone]	28057-48-9
Allylamine	107-11-9
Aluminum phosphide	20859-73-8
Ametryn (N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5,-triazine-2,4-diamine)	834-12-8
Amitraz	33089-61-1
Anilazine [4,6-dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	101-05-3
Atrazine(6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5,-triazine-2,4-diamine)	1912-24-9
Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	22781-23-3
Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl) benzenamine)	1861-40-1
Benomyl	17804-35-2
Bifenthrin	82657-04-3
Bis(tributyltin) oxide	56-35-9
Boron trichloride	10294-34-5
Boron trifluoride	7634-07-2
Bromacil (5-Bromo-6-methyl-3-(1-methylpropyl)-2,4 (1H,3H)-pyrimidinedione)	314-40-9
Bromacil, lithium salt [2,4 (1E,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt]	53404-19-6
Bromine	7726-95-6
1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	35691-65-7
2-Bromo-2-nitropropane-1,3-diol (Bronopol)	52-51-7
Bromoxynil (3,5-Dibromo-4-hydroxybenzonitrile)	1689-84-5
Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenyl ester)	1689-99-2
Brucine	357-57-3

<u>Chemical Name</u>	<u>CAS No.</u>
C.I. Acid Red 114	6459-94-5
C.I. Direct Blue 218	28407-37-6
Carbofuran	1563-66-2
Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	5234-68-4
Chinomethionat [6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]	2439-01-2
Chlorendic acid	115-28-6
Chlorimuron ethyl [Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)-carbonyl]-amino]sulfonyl]benzoate]	90982-32-4
1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	4080-31-3
p-Chloroaniline	106-47-8
3-Chloro-2-methyl-1-propene	563-47-3
p-Chlorophenyl isocyanate	104-12-1
Chloropicrin	76-06-2
3-Chloropropionitrile	542-76-7
p-Chloro-o-toluidine	95-69-2
2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	75-88-7
Chlorotrifluoromethane (CFC-13)	75-72-9
3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	460-35-5
Chlorpyrifos methyl [O,O-dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate]	5598-13-0
Chlorsulfuron [2-chloro-N-[[4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]benzenesulfonamide]	64902-72-3
Crotonaldehyde	4170-30-3
Cyanazine	21725-46-2
Cycloate	1134-23-2
Cyclohexanol	108-93-0
Cyfluthrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclo-propanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl) methyl ester]	68359-37-5
Cyhalothrin [3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl) methyl ester]	68085-85-8
Dazomet (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)	533-74-4
Dazomet, sodium salt [2H-1,3,5-Thiadiazine-2-thione, tetrahydro-3,5-dimethyl-,ion(1-),sodium]	53404-60-7
2,4,-DB	94-82-6
2,4-D butoxyethyl ester	1929-73-3
2,4-D butyl ester	94-80-4
2,4-D chlorocrotyl ester	2971-38-2

<u>Chemical Name</u>	<u>CAS No.</u>
Desmedipham	13684-56-5
2,4-D 2-ethylhexyl ester	1928-43-4
2,4-D 2-ethyl-4-methylpentyl ester	53404-37-8
Diazinon	333-41-5
2,2-Dibromo-3-nitrilopropionamide	10222-01-2
Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1918-00-9
Dichloran [2,6-Dichloro-4-nitroaniline]	99-30-9
3,3'-Dichlorobenzidine dihydrochloride	612-83-9
3,3'-Dichlorobenzidine sulfate	64969-34-2
trans-1,4-Dichloro-2-butene	110-57-6
1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1649-08-7
Dichlorofluoromethane (HCFC-21)	75-43-4
Dichloropentafluoropropane	127564-92-5
1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-255cc)	13474-88-9
1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	111512-56-2
1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	422-44-6
1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-255da)	431-86-7
1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	507-55-1
1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-255ea)	136013-79-1
2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-255aa)	128903-21-9
2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	422-48-0
3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-255ca)	422-56-0
Dichlorophene [2,2'-Methylenebis(4-chlorophenol)]	97-23-4
trans-1,3-Dichloropropene	10061-02-6
Dichofop methyl [2-[4-(2,4-Dichlorophenoxy)phenoxy]propanoic acid, methyl ester]	51338-27-3
Dicyclopentadiene	77-73-6
Diethyl ethyl	38727-55-8
Diflubenzuron	35367-38-5
Diglycidyl resorcinol ether	101-90-6
Dimethipin [2,3,-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide]	55290-64-7
Dimethoate	60-51-5
3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	20325-40-0
3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	111984-09-9
Dimethylamine	124-40-3
Dimethylamine dicamba	2300-66-5
3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	612-82-8
3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine dihydrofluoride)	41766-75-0
Dimethyl chlorothiophosphate	2524-03-0
Dimethyldichlorosilane	75-78-5

<u>Chemical Name</u>	<u>CAS No.</u>
N,N-Dimethylformamide	68-12-2
2,6-Dimethylphenol	576-26-1
Dinitrobutyl phenol (Dinoseb)	88-85-7
Dinocap	39300-45-3
Diphenamid	957-51-7
Diphenylamine	122-39-4
Dipotassium endothall [7-Oxabicyclo(2.2.1)heptane-2,3- dicarboxylic acid, dipotassium salt]	2164-07-0
Dipropyl isocinchomerate	136-45-8
Disodium cyanodithiomidocarbonate	138-93-2
2,4-D isopropyl ester	94-11-1
2,4-Dithiobiuret	541-53-7
Diuron	330-54-1
Dodine [Dodecylguanidine monoacetate]	2439-10-3
2,4-DP	120-36-5
2,4-D propylene glycol butyl ether ester	1320-18-9
2,4-D sodium salt	2702-72-9
Ethoprop [Phosphorodithioic acid O-ethyl S,S-dipropyl ester]	13194-48-4
Ethyl dipropylthiocarbamate [EPTC]	759-94-4
Famphur	52-85-7
Fenarimol [.alpha.-(2-Chlorophenyl)-.alpha. -4-chlorophenyl)-5-pyrimidinemethanol]	60168-88-9
Fenbutatin oxide (hexakis(2-methyl-2- phenyl-propyl)distannoxane)	13356-08-6
Fenoxaprop ethyl [2-(4-((6-Chloro-2- benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester]	66441-23-4
Fenoxycarb [2-(4-Phenoxyphenoxy) ethyl]carbamic acid ethyl ester]	72490-01-8
Fenpropathrin [2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxy-phenyl) methyl ester]	39515-41-8
Fenthion[O,O-Dimethyl O-[3-methyl- 4-(methylthio)phenyl]ester, phosphorothioic acid]	55-38-9
Fenvalerate	51630-58-1
Ferbam [Tris(dimethylcarbamidithiato-S,S')iron]	14484-64-1
Fluazifop-butyl [2-[4-[[5-(Trifluoromethyl)-2- pyridinyl]oxy]-phenoxy]propanoic acid, butyl ester]	69806-50-4
Fluorine	7782-41-4
Fluorouracil (5-Fluorouracil)	51-21-8
Fluvalinate [N-[2-Chloro-4-(trifluoromethyl) phenyl]-DL-valine(+)-cyano (3-phenoxyphenyl) methyl ester]	69409-94-5

<u>Chemical Name</u>	<u>CAS No.</u>
Flopet	133-07-3
Fomesafen [5-(2-Chloro-4-(trifluoromethyl) phenoxy)-N-methylsulfonyl]-2-nitorbenzamide]	72178-02-0
alpha-Hexachlorocyclohexane	319-84-6
n-Hexane	110-54-3
Hexazinone	51235-04-2
Hydramethylnon[Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone]	67485-29-4
Imazalil [1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole]	35554-44-0
3-Iodo-2-propynyl butylcarbamate	55406-53-6
Iron pentacarbonyl	13463-40-6
Isodrin	465-73-6
Isufenphos [2-[[Ethoxyl[(1-methylethyl)amino]phosphinothiocy]oxy]benzoic acid 1-methylethyl ester]	25311-71-1
Lactofen [5-(2-Chloro-4-(trifluoromethyl) phenoxy)-2-nitro-2-ethoxy-1-methyl-2-oxoethyl ester]	77501-63-4
Linuron	330-55-2
Lithium carbonate	554-13-2
Malathion	121-75-5
Mecoprop	93-65-2
2-Mercaptobenzothiazole	149-30-4
Merphos	150-50-5
Metham sodium (Sodium methylthiocarbamate)	137-42-8
Methazole [2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione]	20354-26-1
Methiocarb	2032-65-7
Methoxone (4-Chloro-2-methylphenoxy)acetic acid (MCPA)	94-74-6
Methoxone-sodium salt(4-chloro-2-methylphenoxy acetate sodium salt)	3653-48-3
Methyl isothiocyanate[Isothiocyantomethane]	556-61-6
2-Methylactonitrile	75-86-5
N-Methylolacrylamide	924-42-5
Methyl parathion	298-00-0
N-Methyl-2-pyrrolidone	872-50-4
Methyltrichlorosilane	75-79-6
Metiram	9006-42-2
Metribuzin	21087-64-9
Mevinphos	7786-34-7
Molinate (1H-Azepine-1-carbothioic acid, hexahydro-S-ethyl ester)	2212-67-1

<u>Chemical Name</u>	<u>CAS No.</u>
Monuron	150-68-5
Myclobutanil [.alpha.-Butyl-.alpha.- (4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile]	88671-89-0
Nabam	142-59-6
Naled	300-76-5
Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4
p-Nitroaniline	100-01-6
Norflurazon [4-Chloro-5-(methylamino)-2-[3- (trifluoromethyl)phenyl]-3(2H)-pyridazinone]	27314-13-2
Oryzalin [4-(Dipropylamino)-3,5-dinitrobenzene- sulfonamide]	19044-88-3
Oxydemeton methyl [S-(2-(ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid]	301-12-2
Oxydiazon [3-(2,4-Dichloro- 5-(1-methylethoxy)phenyl)-5(1,1-dimethylethyl)- 1,3,4-oxadiazol-2(3H)-one]	19666-30-9
Oxyfluorfen	42874-03-3
Ozone	10028-15-6
Paraquat dichloride	1910-42-5
Pebulate [Butylethylcarbamoithioic acid S-propyl ester]	1114-71-2
Pendimethalin [N-(1-Ethylpropyl)- 3,4-dimethyl-2,6-dinitrobenzenamine]	40487-42-1
Pentobarbital sodium	57-33-0
Perchloromethyl mercaptan	594-42-3
Permethrin [3-(2,2-Dichloroethenyl)-2,2- dimethylcyclopropanecarboxylic acid, (3-phenoxyphenyl)methyl ester]	52645-53-1
Phenanthrene	85-01-8
Phenothrin [2,2-Dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylic acid (3-phenoxyphenyl) methyl ester]	26002-80-2
1,2-Phenylenediamine	95-54-5
1,3-Phenylenediamine	108-45-2
1,2-Phenylenediamine dihydrochloride	615-28-0
1,4-Phenylenediamine dihydrochloride	624-18-0
Phenytoin	57-41-0
Phosphine	7803-51-2
Picloram	1918-02-1
Piperonyl butoxide	51-03-6
Pirimiphos methyl [O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)- O,O-dimethyl phosphorothioate]	29232-93-7
Potassium bromate	7758-01-2
Potassium dimethyldithiocarbamate	128-03-0

<u>Chemical Name</u>	<u>CAS No.</u>
Potassium N-methyldithiocarbamate	137-41-7
Profenofos [o-(4-Bromo-2-chlorophenyl)- O-ethyl-S-propyl phosphorothioate]	41198-08-7
Prometryn [N,N'-Bis(1-methylethyl)-6-methylthio- 1,3,5-triazine-2,4-diamine]	7287-19-6
Propachlor [2-Chloro-N-(1-methylethyl)-N- phenylacetamide]	1918-16-7
Propanil [N-(3,4-Dichlorophenyl) propanamide]	709-98-8
Propargite	2312-35-8
Propargyl alcohol	107-19-7
Propetamphos [3-[[(Ethylamino)methoxy- phosphinothioyl]oxyl]-2-butenic acid, 1-methylethyl ester]	31218-83-4
Propiconazole [1-[2-(2,4-Dichlorophenyl)-4- propyl-1,3-dioxolan-2-yl]-methyl-1H-1,2,4,-triazole]	60207-90-1
Quizalofop-ethyl [2-[4-[(6-Chloro-2- quinoxalinyloxy]phenoxy]propanoic acid ethyl ester]	76578-14-8
Resmethrin [[5-(Phenylmethyl)-3-furanyl] methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate]	10453-86-8
Sethoxydim [2-[1-(Ethoxyimino)butyl]-5-[2-(ethylthio) propyl]-3-hydroxy-2-cyclohexen-1-one]	74051-80-2
Simazine	122-34-9
Sodium azide	26628-22-8
Sodium dicamba [3,6-Dichloro-2-methoxybenzoic acid, sodium salt]	1982-69-0
Sodium dimethyldithiocarbamate	128-04-1
Sodium fluoroacetate	62-74-8
Sodium nitrite	7632-00-0
Sodium pentachlorophenate	131-52-2
Sodium o-phenylphenoxide	132-27-4
Sulfuryl fluoride [Vikane]	2699-79-8
Sulprofos [O-Ethyl O-[4-(methylthio)phenyl] phosphorodithioic acid S-propyl ester]	35400-43-2
Tebuthiuron [N-[5-(1,1-Dimethylethyl)- 1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]	34014-18-1
Temephos	3383-96-8
Terbacil [5-Chloro-3-(1,1-dimethylethyl)-6- methyl-2,4(1H,3H)-pyrimidinedione]	5902-51-2
1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	354-11-0
1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	354-14-3
Tetracycline hydrochloride	64-75-5
Tetramethrin [2,2-Dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro- 1,3-dioxo-2H-isoindol-2-yl)methyl ester]	7696-12-0

<u>Chemical Name</u>	<u>CAS No.</u>
Thiabendazole [2-(4-Thiazolyl)-1H-benzimidazole]	148-79-8
Thiobencarb [Carbamic acid, diethylthio-,s-(p-chlorobenzyl)]	28249-77-6
Thiodicarb	59669-26-0
Thiophanate ethyl [[1,2-Phenylenebis(iminocarbonothioyl)]biscarbamic acid diethyl ester]	23564-06-9
Thiophanate-methyl	23564-05-8
Thiosemicarbazide	79-19-6
Triadimefon [1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone]	43121-43-3
Triallate	2303-17-5
Tribenuron methyl [2-((((4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-methylamino)carbonyl)amino)sulfonyl)-,methyl ester]	101200-48-0
Tributyltin fluoride	1983-10-4
Tributyltin methacrylate	2155-70-6
S,S,S-Tributyltrithiophosphate (DEF)	78-48-8
Trichloroacetyl chloride	76-02-8
1,2,3-Trichloropropane	96-18-4
Trichlopyr, triethylammonium salt	57213-69-1
Triethylamine	121-44-8
Triforine [N,N'-[1,4-Piperazinediyl-bis(2,2,2-trichloroethylidene)]bisformamide]	26644-46-2
Trimethylchlorosilane	75-77-4
2,3,5-Trimethylphenyl methylcarbamate	2655-15-4
Triphenyltin chloride	639-58-7
Triphenyltin hydroxide	76-87-9
Vinclozolin [3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione]	50471-44-8

RISK MANAGEMENT PLAN

For Facilities Handling Extremely Hazardous Substances
and/or Regulated Toxic Substances

RISK MANAGEMENT PLAN REQUIREMENTS

New York City's Community Right-to-Know Law was recently strengthened by Local Law 92 established in 1993 which requires facilities, where extremely hazardous substances or regulated toxic substances are present at or above federally determined levels (Threshold Planning quantity), to prepare and submit a Risk Management Plan to the Department of Environmental Protection on or before March first of every year. In situations where a substance is listed on both the extremely hazardous substance list and the regulated toxic substance list, the lower of the threshold planning quantities (TPQ) shall apply. Lists of the regulated toxic substances and the extremely hazardous substances are provided on pages 119 to 120 and pages 121 to 130 respectively.

The purpose of the plan is to protect the surrounding communities, workers and emergency response personnel from the dangers associated with hazardous substances, extremely hazardous substances and regulated toxic substances by mitigating the harm posed by release of such substances.

There are three major elements that must be included in your Risk Management Plan (RMP): a Risk Assessment Program, a Risk Reduction Program and an Emergency Response Program. Please refer to the actual legal document for the exact requirements and the definitions of technical terms when completing your RMP. You can use the order form included in the appendix to get a copy of the RMP regulation package.

If you filed a RMP which was approved by DEP, you only need to submit an update of the plan. The update of the plan shall include the following:

(1) a description of any change in a facility's process(es) or changes in the surrounding community that require that a facility amend its RMP to remain in compliance with this rule.

(2) amendments to a facility's RMP.

(3) if a facility has not amended its RMP, it shall submit to DEP a notarized letter to show that no changes occurred at a facility or in the community surrounding a facility, which required that the facility amend its RMP to remain in compliance with this rule.

Any business that fails to file a required RMP may be subject to penalties of up to \$10,000. Businesses that submit RMPs which contain misrepresentations, or false statements or certifications are also subject to penalties.

LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES
(Alphabetical Order)

CAS #	CHEMICAL NAME	THRESHOLD QUANTITY (lbs)	RES TPQ	BASIS For LISTING
107028	ACROLEIN [2-PROPENAL]	5,000	500	b
107131	ACRYLONITRILE [2-PROPENENITRILE]	20,000	10,000	b
814686	ACRYLYL CHLORIDE [2-PROPENOYL CHLORIDE]	5,000	10	b
107186	ALLYL ALCOHOL [2-PROPEN-1-OL]	15,000	1,000	b
107119	ALLYLAMINE [2-PROPEN-1-AMINE]	10,000	500	b
7664417	AMMONIA (Anhydrous)	10,000	500	a,b
7664417	AMMONIA (Conc 20% or greater)	20,000		a,b
7784341	ARSENOUS TRICHLORIDE	15,000	500	b
7784421	ARSINE	1,000	100	b
10294345	BORON TRICHLORIDE [BORANE, TRICHLORO-]	5,000	500	b
7637072	BORON TRIFLUORIDE [BORANE, TRIFLUORO-]	5,000	500	b
353424	BORON TRIFLUORIDE compound with METHYL ETHER (1:1) [BORON, TRIFLUORO[OXYBIS(METHANE)]-, T-4-	15,000	1,000	b
7726956	BROMINE	10,000	500	a,b
75150	CARBON DISULFIDE	20,000	10,000	b
7782505	CHLORINE	2,500	100	a,b
10049044	CHLORINE DIOXIDE [CHLORINE OXIDE (ClO2)]	1,000		c
67663	CHLOROFORM [METHANE, TRICHLORO-]	20,000	10,000	b
542881	CHLOROMETHYL ETHER [METHANE, OXYBIS(CHLORO-)]	1,000	100	b
107302	CHLOROMETHYL METHYL ETHER [METHANE, CHLOROMETHOXY-]	5,000	100	b
123739	CROTONALDEHYDE, (E)- [2-BUTENAL, (E)-]	20,000	1,000	b
4170303	CROTONALDEHYDE [2-BUTENAL]	20,000	1,000	b
506774	CYANOGEN CHLORIDE	10,000		c
108918	CYCLOHEXYLAMINE [CYCLOHEXANAMINE]	15,000	10,000	b
19287457	DIBORANE	2,500	100	b
75785	DIMETHYLDICHLOROSILANE [SILANE, DICHLORODIMETHYL-]	5,000	500	b
57147	1,1-DIMETHYLEYDRAZINE [HYDRAZINE, 1,1-DIMETHYL-]	15,000	1,000	b
106698	EPICHLOROHYDRIN [OXIRANE, (CHLOROMETHYL)-]	20,000	1,000	b
107153	ETHYLENEDIAMINE [1,2-ETHANEDIAMINE]	20,000	10,000	b
151564	ETHYLENEIMINE [AZIRIDINE]	10,000	500	b
75218	ETHYLENE OXIDE [OXIRANE]	10,000	1,000	a,b
7782414	FLUORINE	1,000	500	b
50000	FORMALDEHYDE (solution)	15,000	500	b
110009	FURAN	5,000	500	b
302012	HYDRAZINE	15,000	1,000	b
7647010	HYDROCHLORIC ACID (conc 30% or greater)	15,000		d
74908	HYDROCYANIC ACID	2,500	100	a,b
7647010	HYDROGEN CHLORIDE (anhydrous) [HYDROCHLORIC ACID]	5,000		a
7664393	HYDROGEN FLUORIDE/HYDROFLUORIC ACID (conc 50% or greater) [HYDROFLUORIC ACID]	1,000	100	a,b
7783075	HYDROGEN SELENIDE	500	10	b
7783064	HYDROGEN SULFIDE	10,000	500	a,b
13463406	IRON, PENTACARBONYL- [IRON CARBONYL (Fe(CO)5), (TB-5-11)-]	2,500	100	b
78820	ISOBUTYRONITRILE [PROPANENITRILE, 2-METHYL-]	20,000	1,000	b
108236	ISOPROPYL CHLOROFORMATE [CARBOCHLORIDIC ACID, 1-METHYLETHYL ESTER]	15,000	1,000	b
126987	METHACRYLONITRILE [2-PROPENENITRILE, 2-METHYL-]	10,000	500	b
74873	METHYL CHLORIDE [METHANE, CHLORO-]	10,000		a
79221	METHYL CHLOROFORMATE [CARBOCHLORIDIC ACID, METHYLESTER]	5,000	500	b
60344	METHYL HYDRAZINE [HYDRAZINE, METHYL-]	15,000	500	b
624839	METHYL ISOCYANATE [METHANE, ISOCYANATO-]	10,000	500	a,b
74931	METHYL MERCAPTAN [METHANETHIOL]	10,000	500	b
556649	METHYL THIOCYANATE [THIOCYANIC ACID, METHYL ESTER]	20,000	10,000	b
75796	METHYLTRICHLOROSILANE [SILANE, TRICHLOROMETHYL-]	5,000	500	b
13463393	NICKEL CARBONYL	1,000	1	b
7697372	NITRIC ACID (conc 80% or greater)	15,000	1,000	b
10102439	NITRIC OXIDE [NITROGEN OXIDE (NO)]	10,000	100	b
8014957	OLEUM (FUMING SULFURIC ACID) [Sulfuric acid, Mixture with sulfur trioxide]*	10,000		e
79210	PERACETIC ACID [ETHANEPEROXOIC ACID]	10,000	500	b
594423	PERCHLOROMETHYLMERCAPTAN [METHANESULFENYL CHLORIDE, TRICHLORO-]	10,000	500	b
75445	PHOSGENE [CARBONIC DICHLORIDE]	500	10	a,b
7803512	PHOSPHINE	5,000	500	b
10025873	PHOSPHORUS OXYCHLORIDE [PHOSPHORYL CHLORIDE]	5,000	500	b

CAS #	CHEMICAL NAME	THRESHOLD QUANTITY (lbs)	EHS TPQ	BASIS FOR LISTING
7719122	PHOSPHORUS TRICHLORIDE [PHOSPHOROUS TRICHLORIDE]	15,000	1,000	b
110894	PIPERIDINE	15,000	1,000	b
107120	PROPIONITRILE [PROPANENITRILE]	10,000	500	b
109615	PROPYLCHLOROFORMATE [CARBOCHLORIDIC ACID, PROPYLESTER]	15,000	500	b
75558	PROPYLENIMINE [AZIRIDINE, 2-METHYL-]	10,000	10,000	b
75569	PROPYLENE OXIDE [OXIRANE, METHYL-]	10,000	10,000	b
7446095	SULFUR DIOXIDE (ANEHYDROUS)	5,000	500	a,b
7783600	SULFUR TETRAFLUORIDE [SULFUR FLUORIDE (SF4), (T-4)-]	2,500	100	b
7446119	SULFUR TRIOXIDE	10,000	100	a,b
75741	TETRAMETHYLLEAD [PLUMBANE, TETRAMETHYL-]	10,000	100	b
509148	TETRANITROMETHANE [METHANE, TETRANITRO-]	10,000	500	b
7550450	TITANIUM TETRACHLORIDE [TITANIUM CHLORIDE (TiCl4) (T-4)-]	2,500	100	b
584849	TOLUENE-2,4-DIISOCYANATE [BENZENE, 2,4-DIISOCYANATO-1-METHYL-]*	10,000	500	a
91087	TOLUENE-2,6-DIISOCYANATE [BENZENE, 1,3-DIISOCYANATO-2-METHYL-]*	10,000	100	a
26471625	TOLUENE DIISOCYANATE (unspecified isomer) [BENZENE, 1,3-DIISOCYANATOMETHYL-]*	10,000		a
75774	TRIMETHYLCHLOROSILANE [SILANE, CHLOROTRIMETHYL-]	10,000	1,000	b
108054	VINYL ACETATE MONOMER [ACETIC ACID ETHENYL ESTER]	15,000	1,000	b

* The mixture exemption in §68.115(b)(1) does not apply to the substance.

Note: Basis for Listing:

- a Mandated for listing by Congress.
- b On EHS list, vapor pressure 10 mmHg or greater.
- c Toxic gas.
- d Toxicity of hydrogen chloride, potential to release hydrogen chloride, and history of accidents.
- e Toxicity of sulfur trioxide and sulfuric acid, potential to release sulfur trioxide, and history of accidents.

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
THRESHOLD PLANNING QUANTITIES (TPQ)
(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
79118	ACETIC ACID, CHLORO-	100/
108054	ACETIC ACID ETHENYL ESTER	1k
144490	ACETIC ACID, FLUORO-	10/
62748	ACETIC ACID, FLUORO-, SODIUM SALT	10/
1600277	ACETIC ACID, MERCURY(2+) SALT	500/
75865	ACETONE CYANOHYDRIN	1K
1752303	ACETONE THIOSEMICARBAZIDE	1K/
107164	ACETONITRILE, HYDROXY-	1K
76028	ACETYL CHLORIDE, TRICHLORO-	500
107028	ACROLEIN	500
79061	ACRYLAMIDE	1K/
107131	ACRYLONITRILE	10K
814686	ACRYLYL CHLORIDE	100
111693	ADIPONITRILE	1K
116063	ALDICARB	100/
309002	ALURIN	500/
107186	ALLYL ALCOHOL	1K
107119	ALLYL AMINE	500
20859738	ALUMINUM PERSULFIDE	500
54626	AMINOPTERIN	500/
504245	4-AMINOPYRIDINE	500/
78535	AMITON	500
3734972	AMITON OXALATE	100/
7664417	AMMONIA	500
300629	AMPHETAMINE	1K
62533	ANILINE	1K
88051	ANILINE, 2,4,6-TRIMETHYL-	500
7783702	ANTIMONY FLUORIDE	500
7783702	ANTIMONY PENTAFLUORIDE	500
1397940	ANTIMYCIN A	1K/
86884	ANTU	500/
7784465	ARSENENOUS ACID, SODIUM SALT	500/
7778441	ARSENIC ACID, CALCIUM SALT	500/
10124502	ARSENIC ACID, POTASSIUM SALT	500/
7631892	ARSENIC ACID, SODIUM SALT	1K/
1327533	ARSENIC OXIDE	100/
1303282	ARSENIC OXIDE	100/
1303282	ARSENIC PENTOXIDE	100/
7784341	ARSENIC TRICHLORIDE	500
1327533	ARSENIC TRIOXIDE	100/
1327533	ARSENOUS OXIDE	100/
7784341	ARSENOUS TRICHLORIDE	500
7784421	ARSINE	100
124652	ARSINIC ACID, DIMETHYL-, SODIUM SALT	100/
696286	ARSONOUS DICHLORIDE, PHENYL-	500
504245	AVITROL	500/
2642719	AZINPHOS-ETHYL	100/
86500	AZINPHOS-METHYL	10/
151564	AZIRIDINE	500/
75558	AZIRIDINE METHYL	10K
50077	AZIRINO (2',3':3,4) PYRROLO (1,2-A) INDOLE-4,7-DIONE, 6-AMINO-8-a ((AMINOCARBONYLOXY)METHYL)-1,1a,2,8,8a,8b-HEXAHYDRO-8-A- METHOXY-5-METHYL-, (1a-(1a alpha, 8 beta, 8a alpha, 8b alpha))-	500/
98873	BENZAL CHLORIDE	500
62533	BENZENAMINE	1K
98168	BENZENAMINE, 3-(TRIFLUOROMETHYL)-	500
140294	BENZENEACETONITRILE	500
98055	BENZENEARSONIC ACID	10/
100447	BENZENE, CHLOROMETHYL-	500
100141	BENZENE, 1-(CHLOROMETHYL)-4-NITRO-	500/
102363	BENZENE, 1,2-DICHLORO-4-ISOCYANATO-	500/
98873	BENZENE, DICHLORO METHYL-	500
91087	BENZENE, 1,3-DIISOCYANATO-2-METHYL-	100

* An amount entered in this column reads in pounds. A TPQ with a (/) indicates a "split" TPQ. The number to the left of the slash is the substance's TPQ only if the substance is present in the form of a fine powder (particle size less than 100 microns), molten or in solution, or reacts with water (HFAA rating= 2, 3 or 4). The TPQ is 10,000lbs if the substance is present in other forms.

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
THRESHOLD PLANNING QUANTITIES (TPQ)
(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
584849	BENZENE, 2,4-DIISOCYANATO-1-METHYL-	500
123319	1,4-BENZENEDIOL	500/
98953	BENZENE, NITRO-	10K
108985	BENZENETHIOL	500
98077	BENZENE, TRICHLOROMETHYL-	100
98873	BENZILIDEN CHLORIDE	500
3615212	BENZIMIDAZOLE, 4,5-DICHLORO-2-(TRIFLUOROMETHYL)	500/
1563662	7-BENZOPURANOL, 2,3-DIHYDRO-2,2-DIMETHYL-, METHYLCARBAMATE	10/
98077	BENZOIC TRICHLORIDES	100
81812	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-	500/
98077	BENZOTRICHLORIDE	100
100447	BENZYL CHLORIDE	500
140294	BENZYL CYANIDE	500
58899	gamma-BHC	1K/
15271417	BICYCLO(2.2.1)HEPTANE-2-CARBONITRILE, 5-CHLORO-6-(((METHYLAMINO) CARBONYL)OXY)IMINO)-, (1,2-(1-alpha, 2 beta, 4-alpha, 5alpha, 6E))-	500/
1464535	2,2'-BIOXIRANE	500
1910425	4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-, DICHLORIDE	10/
111444	BIS (2-CHLOROETHYL) ETHER	10K
542881	BIS (2-CHLOROMETHYL) ETHER	100
534076	BIS (CHLOROMETHYL) KETONE	10/
4044659	BITOSCANATE	500/
10294345	BORANE, TRICHLORO-	500
7637072	BORANE, TRIFLUORO-	500
10294345	BORON TRICHLORIDE	500
7637072	BORON TRIFLUORIDE	500
353424	BORON TRIFLUORIDE compound with METHYL ETHER (1:1)	1K
353424	BORON TRIFLUORIDE DIMETHYL ETHERATE	1K
353424	BORON, TRIFLUORO OXYBIS METHANE -, (T-4)-	1K
28772567	BROMADIOLONE	100/
7726956	BROMINE	500
7726956	BROMINE, and solutions	500
74839	BROMOMETANE	1K
106967	3-BROMOPROPYNE	10
123739	2-BUTENAL	1K
7786347	2-BUTENOIC ACID, 3- (DIMETHOXYPHOSPHINYL) OXY -, METHYL ESTER	500
78944	3-BUTEN-2-ONE	10
1306190	CADMIUM OXIDE	100/
2223930	CADMIUM STEARATE	1K/
7778441	CALCIUM ARSENATE	500/
8001352	CAMPHECLOL	500/
56257	CANTHARIDIN	100/
51832	CARBACHOL CHLORIDE	500/
26419738	CARBAMIC ACID, METHYL-, O (((2,4-DIMETHYL-1,3-DITHIOLAN-2-YL) METHYLENE) AMINO)	100/
1563662	CARBOFURAN	10/
75150	CARBON DISULFIDE	10K
75445	CARBONIC DICHLORIDE	10
79221	CARBONOCHLORIDIC ACID, METHYL ESTER	500
108236	CARBONOCHLORIDIC ACID, 1-METHYLETHYL ESTER	1K
109615	CARBONOCHLORIDIC ACID, PROPYL ESTER	500
786196	CARBOPHENOTHICIN	500
535897	CASTEX	100/
57749	CHLORDANE	1K
470906	CHLORFENVINPHOS	500
7782505	CHLORINE	100
24934916	CHLORMEPHOS	500
999815	CHLORMEQUAT CHLORIDE	100/
79118	CHLOROACETIC ACID	100/
107073	CHLOROETHANOL	500
627112	CHLOROETHYL CHLOROFORMATE	1K
67663	CHLOROFORM	10K
542881	CHLOROMETHYL ETHER	100
107302	CHLOROMETHYL METHYL ETHER	100
3691358	CHLOROPHACINONE	100/
542767	3-CHLOROPROPIONITRILE	1K
1982474	CHLOROXURON	500/
21923239	CHLORTHIOPHOS	500
10025737	CHROMIC CHLORIDE	1/
10210681	COBALT CARBONYL	10/

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
THRESHOLD PLANNING QUANTITIES (TPQ)
(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
10210681	COBALT, DI- μ -CARBONYLHEXACARBONYLDI-	10/
62207765	COBALT, ((2,2'-(1,2-ETHANEDIYLBIS (NITRILOMETHYLIDYNE)) BIS(6-FLUORO PHENALOTO)) (2-)-N,N',O,O')-	100/
124878	COCCULUS	500/
64868	COLCHICINE	10/
12002038	COPPER ACETOARSENITE	500/
12002038	COPPER, BIS(ACETO) HEXAMETA-ARSENITOTETRA-	500/
129066	COUMADIN SODIUM	100/
56724	COUMAPHOS	100/
5836293	COUMATETRALYL	500/
95487	o-CRESOL	1K/
95487	o-CRESYLIC ACID	1K/
535897	CRIMIDINE	100/
123739	CROTONALDEHYDE	1K
4170303	CROTONALDEHYDE, inhibited	1K
12002038	CUPRIC ACETOARSENITE	500/
506683	CYANOGEN BROMIDE	500/
506785	CYANOGEN IODIDE	1K/
2636262	CYANOPHOS	1K
675149	CYANURIC FLUORIDE	100
58899	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-	1K/
4098719	CYCLOHEXANE, 5-ISOCYANATO-1-(ISOCYANATOMETHYL)-1,3,3-TRIMETHYL-	100
66819	CYCLOHEXIMIDE	100/
108918	CYCLOHEXYLAMINE	10K
77474	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-	100
17702419	DECABORANE	500/
732116	DECEMTHION	10/
8065483	DEMETON	500
919868	DEMETON-S-METHYL	500
10311849	DIALIFOR	100/
10311849	DIALIFOS	100/
19287457	DIBORANE	100
4835114	N,N'-DIBUTYL HEXAMETHYLENEDIAMINE	500
110576	trans-1,4-DICHLOROBUTENE	500
75785	DICHLORODIMETHYL SILANE	500
111444	DICHLOROETHYL ETHER	10K
542881	DICHLOROMETHYL ETHER	100
149746	DICHLOROMETHYLPHENYL SILANE	1K
102363	1,2-DICHLORO-4-PHENYL ISOCYANATE	500/
27137855	DICHLOROPHENYL TRICHLOROSILANE	500
534076	DICHLOROPROPANONE	10/
62737	DICHLORVOS	1K
141662	DICROTOPEDS	100
1464535	1,2,3,4-DIEPOXYBUTANE	500
1642542	DIETHYLCARBAMAZINE CITRATE	100/
814493	DIETHYL CHLOROPHOSPHATE	500
71636	DIGITOXIN	100/
2238075	DIGLYCIDYL ETHER	1K
20830755	DIGOXIN	10/
115264	DIMEFOX	500
309002	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-1,4,4A,5,8,8A- HEXAHYDRO-, (1 alpha, 4 alpha, 4A beta, 5 alpha, 8 alpha, 8A beta)-	500/
72208	2,7:3,6-DIMETHANONAPHTHE 2,3-B OXIRENE, 3,4,5,6,9,9-HEXACHLORO- 1A,2,2A,3,6,6A,7,7A-OCTAETHYDRO-, (1Aalpha, 2beta, 2beta, 3alpha, 6alpha, 6Abeta, 7beta, 7Aalpha)-	500/
60515	DIMETHOATE	500/
2524030	DIMETHYL CHLOROTHIOPHOSPHATE	500
75785	DIMETHYLDICHLOROSILANE	500
57147	1,1-DIMETHYLEYDRAZINE	1K
99989	DIMETHYL-p-PHENYLENEDIAMINE	10/
2524030	DIMETHYL PHOSPHOROCHLORIDOTHIOATE	500
77781	DIMETHYL SULFATE	500
2524030	DIMETHYL THIOPHOSPHORYL CHLORIDE	500
644644	DIMETILAN	500/
534521	4,6-DINITRO-o-CRESOL	10/
88857	DINOSEB	100/
1420071	DINOTERB	500/

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
THRESHOLD PLANNING QUANTITIES (TPQ)
(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
78342	DIOXATHION	500
82666	DIPHACINONE	10/
152169	DIPHOSPHORAMIDE, OCTAMETHYL-	100
107493	DIPHOSPHORIC ACID, TETRAETHYL ESTER	100
298044	DISULFOTON	500
514738	DITHIAZANINE IODIDE	500/
541537	DITHIOBIURET	100/
316427	EMETINE, DIHYDROCHLORIDE	1/
115297	ENDOSULFAN	10/
2778043	ENDOTHION	500/
72208	ENDRIN	500/
106898	EPICHLOROHYDRIN	1K
2104645	EPN	100/
50146	ERGOCALCIFEROL	1K/
379793	ERGOTAMINE TARTRATE	500/
51752	ETHANAMINE, 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYL-	10
107153	1,2-ETHANEDIAMINE	10K
111444	ETHANE, 1,1'-OXYBIS 2-CHLORO-	10K
79210	ETHANEPEROXOIC ACID	500
1622328	ETHANESULFONYL CHLORIDE, 2-CHLORO-	500
505602	ETHANE, 1,1'-THIOBIS 2-CHLORO-	500
16752775	ETHANIMIDOTHIOIC ACID, N- (METHYLAMINO) CARBOXYL OXY-, METHYL ESTER	500/
107073	ETHANOL, 2-CHLORO-	500
10140871	ETHANOL, 1,2-DICHLORO-, ACETATE	1K
563122	ETHION	1K
13194484	ETHOPROPHOS	1K
538078	ETHYLEBIS(2-CHLOROETHYL)AMINE	500
107073	ETHYLENE CHLOROXYDRIN	500
107153	ETHYLENEDIAMINE	10K
371620	ETHYLENE FLUOROXYDRIN	10
151564	ETHYLENEIMINE	500
75218	ETHYLENE OXIDE	1K
542905	ETHYL THIOCYANATE	10K
115219	ETHYLTRICHLOROSILANE	500
22224926	FENAMIPHOS	10/
122145	FENTROTHION	500
115902	FENSULFOTHION	500
4301502	FLUENETIL	100/
7782414	FLUORINE	500
640197	FLUOROACETAMIDE	100/
144490	FLUOROACETIC ACID	10/
359068	FLUOROACETYL CHLORIDE	10
51218	FLUOROURACIL	500/
51218	5-FLUOROURACIL	500/
944229	FONOFOS	500
50000	FORMALDEHYDE	500
107164	FORMALDEHYDE CYANOXYDRIN	1K
23422539	FORMETANATE HYDROCHLORIDE	500/
23422539	FORMETANATE	500/
2540821	FORMOTHION	100
17702577	FORMPARANATE	100/
21548323	FOSPHILETAN	500
3878191	FUBERIDAZOLE	100/
110009	FURAN	500
13450903	GALLIUM TRICHLORIDE	500/
66819	GLUTARIMIDE, 3-(2-(3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)- HYDROXYETHYL)-	100/
107164	GLYCOLONITRILE	1K
86500	GUTHION	10/
58899	gamma-HEXACHLOROCYCLOHEXANE	1K/
77474	HEXACHLOROXYCLOPENTADIENE	100
4835114	HEXAMETHYLENEDIAMINE, N,N'-DIBUTYL-	500
111693	HEXANEDINITRILE	1K
302012	HYDRAZINE	1K
57147	HYDRAZINE, 1,1-DIMETHYL-	1K
60344	HYDRAZINE, METHYL-	500
74908	HYDROCYANIC ACID	100
7664393	HYDROFLUORIC ACID	100
7647010	HYDROGEN CHLORIDE (gas only)	500

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
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(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
7664393	HYDROGEN FLUORIDE	100
7722841	HYDROGEN PEROXIDE concentration greater than 52%	1K
7783075	HYDROGEN SELENIDE	10
7783064	HYDROGEN SULFIDE	500
123319	HYDROQUINONE	500/
3691358	1,3-INDANDIONE, 2-(p-CHLOROPHENYL) PHENYLACETYL)-	100/
82666	1H-INDENE-1,3(2H)-DIONE, 2-(DIPHENYLACETYL)-	10/
13463406	IRON CARBONYL	100
13463406	IRON PENTACARBONYL	100
297789	ISOBENZAN	100/
78820	ISOBUTYRONITRILE	1K
102363	ISOCYANIC ACID, 3,4-DICHLOROPHENYL ESTER	500/
465736	ISODRIN	100/
55914	ISOFLUORPHATE	100
4098719	ISOPHORONE DIISOCYANATE	100
108236	ISOPROPYL CHLOROFORMATE	1K
119380	ISOPROPYLMETHYLPYRAZOLYL DIMETHYLCARBAMATE	500
78977	LACTONITRILE	1K
21609905	LEPTOPHOS	500/
541253	LEWISITE	10
58899	LINDANE	1K/
7580678	LITHIUM HYDRIDE	100
109773	MALONONITRILE	500/
12108133	MANGANESE, TRICARBONYL (1,2,3,4,5-eta)-1-METHYL-2,4-CYCLOPENTADIEN-1-YL-	100
12108133	MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL	100
51752	MECHLORETHAMINE	10
950107	MEPHOSPOLAN	500
2032657	MERCAPTODIMETHUR	500/
1600277	MERCURIC ACETATE	500/
7487947	MERCURIC CHLORIDE	500/
21908532	MERCURIC OXIDE	500/
62384	MERCURY, (ACETATO-O) PHENYL-	500/
7487947	MERCURY CHLORIDE	500/
502396	MERCURY, (3-CYANOQUANIDINO)-METHYL	500/
10476956	METHACROLEIN DIACETATE	1K
760930	METHACRYLIC ANHYDRIDE	500
126987	METHACRYLONITRILE	500
920467	METHACRYLOYL CHLORIDE	100
30674807	METHACRYLOYLOXYETHYL ISOCYANATE	100
10265926	METHANAMIDOPHOS	100/
62759	METHANAMINE, N-METHYL-N-NITROSO-	1K
74839	METHANE, BROMO-	1K
107302	METHANE, CHLOROMETHOXY-	100
624839	METHANE, ISOCYANATO-	500
556616	METHANE, ISOTHIOCYANATO-	500
542881	METHANE, OXYBIS (CHLORO-)	100
594423	METHANESULFENYL CHLORIDE, TRICHLORO-	500
558258	METHANESULFONYL FLUORIDE	1K
509148	METHANE, TETRANITRO-	500
74931	METHANETHIOL	500
67663	METHANE, TRICHLORO-	10K
115297	6,9-METHANO-2,4,3-BENZODIOXATHIEPTIS, 6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-, 3-OXIDE	10K
950378	METHIDATHION	500/
2032657	METHIOCARB	500/
16752775	METHOMYL	500/
151382	METHOXYETHYLMERCURIC ACETATE	500/
126987	METHYLACEYLONITRILE	500
74839	METHYL BROMIDE	1K
80637	METHYL-2-CHLOROACRYLATE	500
79221	METHYL CHLOROCARBONATE	500
79221	METHYL CHLOROFORMATE	500
12108133	METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL	100
60344	METHYL HYDRAZINE	500
624839	METHYL ISOCYANATE	500
556616	METHYL ISOTHIOCYANATE	500
74931	METHYL MERCAPTAN	500
502396	METHYL MERCURY DICYANDIAMIDE	500/
298000	METHYL PARATHION	100/

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
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(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
3735237	METHYL PHENKAPTON	500
676971	METHYL PHOSPHONIC DICHLORIDE	100
919868	METHYL-S-DEMETON	500
556649	METHYL THIOCYANATE	10K
75796	METHYL TRICHLOROSILANE	500
78944	METHYL VINYL KETONE	10
1129415	METOLCAREB	100/
7786347	MEVINPHOS	500
315184	MEKACARBATE	500/
50077	MITOMYCIN C	500/
6923224	MONOCROTOPHOS	10/
2763964	MUSCIMOL	500/
505602	MUSTARD GAS	500
86884	alpha-NAPETHYL THIOUREA	500/
13463393	NICKEL CARBONYL	1
54115	NICOTINE	100
65305	NICOTINE SULFATE	100/
7697372	NITRIC ACID	1K
10102439	NITRIC OXIDE	100
98953	NITROBENZENE	10K
1122607	NITROCYCLOHEXANE	500
10102440	NITROGEN DIOXIDE	100
51752	NITROGEN MUSTARD	10
10102439	NITROGEN OXIDE	100
10102440	NITROGEN OXIDE	100
62759	N-NITROSODIMETHYLAMINE	1K
62759	NITROSODIMETHYLAMINE	1K
991424	NORBORMIDE	100/
152169	OCTAMETHYL DIPHOSPHORAMIDE	100
PMN82147	ORGANORHODIUM COMPLEX*	10/
630604	OUABAIN	100/
23135220	OXAMYL	100/
78717	OXETANE, 3,3-BIS(CHLOROMETHYL)-	500
57578	2-OXETANONE	500
75218	OXIRANE	1K
106898	OXIRANE, CHLOROMETHYL-	1K
75569	OXIRANE, METHYL-	10K
2238075	OXIRANE, 2,2'-OXYBIS(METHYLENE) BIS-	1K
2497076	OXYDISULFOTON	500
10028156	OZONE	100
1910425	PARAQUAT	10/
2074502	PARAQUAT METHOSULFATE	10/
56382	PARATHION	100
298000	PARATHION-METHYL	100/
12002038	PARIS GREEN	500/
19624227	PENTABORANE	500
2570265	PENTADECYLAMINE	100/
79210	PERACETIC ACID	500
594423	PERCHLOROMETHYL MERCAPTAN	500
79210	PEROXYACETIC ACID	500
58366	PHENARSAZINE OXIDE	500/
108952	PHENOL	500/
2032657	PHENOL, 3,5-DIMETHYL-4-(METHYLTHIO)-, METHYL CARBAMATE	500/
315184	PHENOL, 4-(DIMETHYLAMINO)-3,5-DIMETHYL-, METHYL CARBAMATE (ESTER)	500/
95487	PHENOL, 2-METHYL-	1K/
534521	PHENOL, 2-METHYL-4,6-DINITRO-	10/
64006	PHENOL, 3-(1-METHYLETHYL)-, METHYL CARBAMATE	500/
4418660	PHENOL, 2,2'-THIOBIS(4-CHLORO-6-METHYL-)	100/
58366	PHENOARSINE, 10,10'-OXYDI-	500/
140294	PHENYLACETONITRILE	500
696286	PHENYLDICHLOROARSINE	500
59881	PHENYLEYDRAZINE HYDROCHLORIDE	1K/
108985	PHENYLMERCAPTAN	500
62384	PHENYLMERCURIC ACETATE	500/
2097190	PHENYLSILATRANE	100/
103855	PHENYLTHIOUREA	100/
98135	PHENYL TRICHLOROSILANE	500
298022	PHORATE	10
4104147	PHOSACETIM	100/

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
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(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
7786347	PHOSDRIN	500
947024	PHOSFOLAN	100/
75445	PHOSGENE	10
732116	PHOSMET	10/
13171216	PHOSPHAMIDON	100
7803512	PHOSPHINE	500
944229	PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-PHENYL ESTER	500
2703131	PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(4-METHYLTHIO) PHENYL ESTER	500
2665307	PHOSPHONOTHIOIC ACID, METHYL-, O-(4-NITROPHENYL) O-PHENYL ESTER	500
50782699	PHOSPHONOTHIOIC ACID, METHYL-, S-(2-(BIS(METHYLETHYL)AMINO)ETHYL) O-ETHYL ESTER	100
2104645	PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(4-NITROPHENYL) ESTER	100/
22224926	PHOSPHORAMIDIC ACID, (1-METHYLETHYL)-, ETHYL 3-METHYL-4-	10/
10265926	PHOSPHORAMIDOTHIOIC ACID, O, S-DIMETHYL ESTER	100
10026138	PHOSPHORANE, PENTACHLORO-	500
470906	PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DICHLOROPHENYL) ETHENYL DIETHYLESTER	500
13171216	PHOSPHORIC ACID, 2-CHLORO-3-(DIETHYLAMINO)-1-METHYL-3-OXO-1-PRO	100
62737	PHOSPHORIC ACID, 2,2-DICHLOROETHENYL DIMETHYL ESTER	10/
141662	PHOSPHORIC ACID, 3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER, (E)-	100
6923224	PHOSPHORIC ACID, DIMETHYL 1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL ESTER, (E)-	10/
3254635	PHOSPHORIC ACID, DIMETHYL 4-(METHYLTHIO) PHENYL ESTER	500
1314563	PHOSPHORIC ANHYDRIDE	10
2524030	PHOSPHORIC ANHYDRIDE	10
298044	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-2-(ETHYLTHIO)ETHYL ESTER	500
298022	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(ETHYLTHIO)METHYL ESTER	10
86500	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-(4-OXO-1,2,3-BENZO TRIAZIN-3(4H)-YL)METHYL ESTER	10/
60515	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL)ESTER	500/
732116	PHOSPHORODITHIOIC ACID, S-((1,3-DIHYDRO-1,3-DIOXO-24-ISOINDOL-2-YL)METHYL) O,O-DIMETHYL ESTER	10/
950378	PHOSPHORODITHIOIC ACID, S-((5-METHOXY-2-OXO-1,3,4-TETRAZOL-3(2H)-YL)METHYL) O,O-DIMETHYL ESTER	500
78342	PHOSPHORODITHIOIC ACID, S,S'-1,4-DIOXANE-2,3-DIYL O,O,O',O'-TETRAETHYL ESTER	500
563122	PHOSPHORODITHIOIC ACID, S,S'-METHYLENE O,O,O',O'-TETRAETHYL ESTER	1K
56724	PHOSPHOROTHIOIC ACID, O-(3-CHLORO-4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL) O,O-DIETHYL ESTER	100/
23505411	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL) ESTER	1K
8065483	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-2-(ETHYLTHIO)ETHYL ESTER, mixture with O,O-DIETHYL S-2-(ETHYLTHIO)ETHYL PHOSPHOROTHIOLATE	500
115902	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-4-METHYLSULFINYL)PHENYL ESTER	500
56382	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(4-NITROPHENYL) ESTER	100
297972	PHOSPHOROTHIOIC ACID, O,O-DIETHYL, O-PYRAZINYL ESTER	500
298000	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITROPHENYL) ESTER	100/
919868	PHOSPHOROTHIOIC ACID, S-(2(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER	500
2587908	PHOSPHOROTHIOIC ACID, O,O-DIMETHYL-S-(2-METHYLTHIO)ETHYL ESTER	500
1314563	PHOSPHOROUS PENTOXIDE	10
7719122	PHOSPHOROUS TRICHLORIDE	1K
7723140	PHOSPHOROUS	100
7723140	PHOSPHOROUS, AMORPHOUS, RED	100
1314563	PHOSPHOROUS OXIDE	10
10025873	PHOSPHOROUS OXYCHLORIDE	500
10026138	PHOSPHOROUS PENTACHLORIDE	500
1314563	PHOSPHOROUS PENTOXIDE	10
7723140	PHOSPHOROUS (RED)	100
7719122	PHOSPHOROUS TRICHLORIDE	1K
7723140	PHOSPHOROUS (WHITE)	100
7723140	PHOSPHOROUS (YELLOW)	100
10025873	PHOSPHORYL CHLORIDE	500

* CAS- This chemical was identified from a Premanufacture Review Notice (PMN) submitted to EPA. The submitter has claimed certain information on the submission to be confidential, including specific chemical identity.

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
THRESHOLD PLANNING QUANTITIES (TPQ)
(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
57476	PHYSOSTIGMINE	100/
57647	PHYSOSTIGMINE, SALICYLATE (1:1)	100/
124878	PICROTOXIN	500/
110894	PIPERIDINE	1K
23505411	PIRIMPHOS-ETHYL	1K
78002	PLUMBANE, TETRAETHYL-	100
75741	PLUMBANE, TETRAMETHYL-	100
10124502	POTASSIUM ARSENITE	500/
151508	POTASSIUM CYANIDE	100
506616	POTASSIUM SILVER CYANIDE	500
2631370	PROMECARB	500/
116063	PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-((METHYLAMINO)CARBONYL)- OXIME	100/
109773	PROPANEDINITRILE	500/
107120	PROPANENITRILE	500
75865	PROPANENITRILE, 2-HYDROXY-2-METHYL-	1K
78820	PROPANENITRILE, 2-METHYL-	1K
534076	2-PROPANONE, 1,3-DICHLORO-	10/
106967	PROPARGYL BROMIDE	10
107028	2-PROPENAL	500
79061	2-PROPENAMIDE	1K/
107119	2-PROPEN-1-AMINE	500
107131	2-PROPENENITRILE	10K
126987	2-PROPENENITRILE, 2-METHYL-	500
107186	2-PROPEN-1-OL	1K
57578	BETA-PROPIOLACTONE	500
107120	PROPIONITRILE	500
542767	PROPIONITRILE, 3-CHLORO-	1K
70699	PROPIOPHENONE, 4-AMINO-	100/
109615	PROPYLCHLOROFORMATE	500
75558	PROPYLENEIMINE	10K
75569	PROPYLENE OXIDE	10K
106967	PROPYNE, 3-BROMO-	10
2275185	PROTHOATE	100/
129000	PYRENE	1K/
504245	PYRIDINE, 4-AMINO	500/
54115	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-	100
65305	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, SULFATE	100/
140761	PYRIDINE, 2-METHYL-5-VINYL-	500
1124330	PYRIDINE, 4-NITRO-, 1-OXIDE	500/
535897	PYRIMIDINE, 2-CHLORO-4-(DIMETHYLAMINO)-6-METHYL-	100/
51218	2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO-	500/
53558251	PYRIMINIL	100/
3691358	ROZOL	100/
14167181	SALCOMINE	500/
107448	SARIN	10
13410010	SELENIC ACID, DISODIUM SALT	100/
7791233	SELENYL CHLORIDE	500
7783008	SELENIOS ACID	1K/
10102188	SELENIOS ACID, DISODIUM SALT	100/
7791233	SELENIUM OXYCHLORIDE	500
7783008	SELENIOS ACID	1K/
563417	SEMICARBAZIDE HYDROCHLORIDE	1K/
3037727	SILANE, (4-AMINOBTYL)DIETHOXYMETHYL-	1K
75774	SILANE, CHLOROTRIMETHYL-	1K
149746	SILANE, DICHLOROMETHYLPHENYL-	1K
27137855	SILANE, TRICHLORO(DICHLOROPHENYL)-	500
115219	SILANE, TRICHLOROETHYL-	500
75796	SILANE, TRICHLOROMETHYL-	500
98135	SILANE, TRICHLOROPHENYL-	500
7631892	SODIUM ARSENATE	1K/
7784465	SODIUM ARSENITE	500/
26628228	SODIUM AZIDE	500
124652	SODIUM CACODYLATE	100/
143339	SODIUM CYANIDE	100
62748	SODIUM FLUOROACETATE	10/
13410010	SODIUM SELENATE	100/
10102188	SODIUM SELENITE	100/
10102202	SODIUM TELLURITE	500/
900958	STANNANE, ACETOXYTRIPHENYL-	500/

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
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CAS #	COMMON or CHEMICAL NAME	TPQ*
639587	STANNANE, CHLOROTRIPHENYL	500/
57249	STRYCHENIDIN-10-ONE	100/
57249	STRYCHENINE	100/
60413	STRYCHENINE, SULFATE	100/
3689245	SULFOTEPP	500
3569571	SULFOXIDE, 3-CHLOROPROPYL OCTYL	500
7446095	SULFUR DIOXIDE	500
7783600	SULFUR TETRAFLUORIDE	100
7664939	SULFURIC ACID	1K
77781	SULFURIC ACID, DIMETHYL ESTER	500
10031591	SULFURIC ACID, THALLIUM SALT	100/
7783600	SULFUR TETRAFLUORIDE	100
7446119	SULFUR TRIOXIDE	100
77816	TABUN	10
13494809	TELLURIUM	500/
7783804	TELLURIUM FLUORIDE	100
7783804	TELLURIUM HEXAFLUORIDE	100
107493	TEPP	100
13071799	TERBUFOS	100
3689245	TETRAETHYL DITHIOPYRO-PHOSPHATE	500
78002	TETRAETHYL LEAD	100
107493	TETRAETHYL PYROPHOSPHATE	100
597648	TETRAETHYL TIN	100
75741	TETRAMETHYL LEAD	100
509148	TETRANITROMETHANE	500
10031591	THALLIUM SULFATE	100/
6533739	THALLOUS CARBONATE	100/
7791120	THALLOUS CHLORIDE	100/
2757188	THALLOUS MALONATE	100/
7446186	THALLOUS SULFATE	100/
10031591	THALLOUS SULFATE	100/
4418660	2,2'-THIOBIS(4-CHLORO-6-METHYL)PHENOL	100/
2231574	THIOCARBAZIDE	1K/
3689245	THIODIPHOSPHORIC ACID, O-TETRAETHYL ESTER	500
39196184	THIOFANOX	100/
297972	THIONAZIN	500
108985	THIOPHENOL	500
79196	THIOSEMICARBAZIDE	100/
5344821	THIOUREA, (2-CHLOROPHENYL)-	100/
614788	THIOUREA, (2-METHYLPHENYL)-	500/
86884	THIOUREA, 1-NAPHTHALENYL-	500/
7550450	TITANIUM CHLORIDE	100
7550450	TITANIUM TETRACHLORIDE	100
584849	TOLUENE-2,4-DIISOCYANATE	500
91087	TOLUENE-2,6-DIISOCYANATE	100
8001352	TOXAPHENE	500/
1031476	TRIAMIPHOS	500/
24017478	TRIAZOFOS	500
76028	TRICHLOROACETYL CHLORIDE	500
1558254	TRICHLORO (CHLOROMETHYL) SILANE	100
27137855	TRICHLORO (DICHLOROPHENYL) SILANE	500
115219	TRICHLOROETHYLSILANE	500
594423	TRICHLORO METHANE SULFENYL CHLORIDE	500
327980	TRICHLORONATE	500
98135	TRICHLOROPHENYLSILANE	500
998301	TRIETHOXY SILANE	500
98168	3-TRIFLUOROMETHYL ANILINE	500
88051	2,4,6-TRIMETHYL ANILINE	500
75774	TRIMETHYLCHLOROSILANE	1K
824113	TRIMETHYLOLPROPANE PHOSPHITE	100/
1066451	TRIMETHYL TIN CHLORIDE	500/
639587	TRIPHENYL TIN CHLORIDE	500/
555771	TRIS (2-CHLOROETHYL) AMINE	100
51218	URACIL, 5-FLUORO	500/
2001958	VALINOMYCIN	1K/
1314621	VANADIUM OXIDE	100/
1314621	VANADIUM PENTOXIDE	100/
108054	VINYL ACETATE	1K
108054	VINYL ACETATE MONOMER	1K

**LIST OF EXTREMELY HAZARDOUS SUBSTANCES (EHS) and
THRESHOLD PLANNING QUANTITIES (TPQ)
(Alphabetical Order)**

CAS #	COMMON or CHEMICAL NAME	TPQ*
81812	WARFARIN	500/
129066	WARFARIN SODIUM	100/
28347139	XYLENE DICHLORIDE	100/
58270089	ZINC, DICHLORO (4,4-DIMETHYL-5-(((METHYLAMINO) CARBONYL) OXY) IMINO) PENTANENITRILE)	100/
1314847	ZINC PHOSPHIDE	500
297972	ZINOPHOS	500

Threshold Reporting Quantities (in pounds)	Hazard Category
0	Special Health Hazards <ul style="list-style-type: none"> • carcinogen • teratogen • mutagen • other reproductive hazards • radioactive
1	Unusual Physical Hazards <ul style="list-style-type: none"> • explosive • unstable
10	Special Physical Hazards <ul style="list-style-type: none"> • water reactive • highly flammable • organic peroxide • oxidizer • pyrophoric • ignitable
100	Health Hazards <ul style="list-style-type: none"> • corrosive • irritants • sensitizers • hepatoxins • neurotoxins • nephrotoxins • toxic/highly toxic • hemotopoietic antagonists
500	Physical Hazards <ul style="list-style-type: none"> • combustible • reactive • non-flammable compressed or liquefied gases
500	Health or physical hazard not otherwise specified

§41-05 Facility Inventory Reporting. (a) A responsible party of a facility shall file a Facility Inventory Form (FIF) for such facility which shall include:

(1) Each hazardous substance required to be reported pursuant to §41-04 of these regulations which has been present within such facility at any time during the preceding calendar year in an amount which exceeds the Threshold Reporting Quantity published with the Hazardous Substance List; and

(2) Each mixture required to be reported pursuant to §41-04 of these regulations which contains a hazardous substance in an amount that exceeds the Threshold Reporting Quantity and such mixture has been present within such facility at any time during the preceding calendar year in an amount which exceed five hundred pounds.

(3) A responsible part shall provide the following information for mixtures: names of the mixtures or brand names, followed by hazardous ingredients and their Chemical Abstract Service numbers.

(4) If a reportable substance is known to a responsible part by a name listed in §(f)(2) of these rules as a synonym for a substance on the Hazardous Substance List, it may be reported by its synonym.

(b) A responsible party of a facility shall complete and submit an FIF, and an MSDS for each hazardous substance including hazardous substances contained in mixtures reported on the FIF, on or before March 1 of every year beginning March 1 of every year to:

New York City Department of Environmental Protection
Bureau of _____
Right-to-Know Officer
59-17 Junction Boulevard
Corona, New York 11368-5107

or any other address designated by the Commissioner, and published in the City Record.

(c) A responsible party of a facility shall file a facility inventory update if a previously unreported hazardous substance is added at a facility or if an already reported quantity of a hazardous substance increases by twenty-five percent or more, within thirty days of the occurrence of such event.

(1) The FIF shall be used for such updates; "UPDATE" should be written in as the Reporting Period.

(2) The update should include only those hazardous substances subject to the update reporting requirements.

(d) These filing requirements shall not apply to:

(1) Facilities where the only hazardous substances present during the preceding calendar year were in mixtures in which the total content of the hazardous substance was less than the Threshold Reporting Quantity per container unless such hazardous substance was present at the facility in an aggregate amount equal to or greater than the Threshold Reporting Quantity; and

(2) Owners or tenants of residential buildings that contain no commercial or manufacturing enterprise.

(e) *Penalties.* (1) Any person who knowingly or recklessly makes any false statement, representation or certification on the FIF, FIF UPDATE, MSDS, or any other document filed with the Department of Environmental

Protection pursuant to the New York City Community Right-to-Know Law or these regulations, shall be subject to a fine of not more than one thousand dollars, or imprisonment of up to one year, or both.

(2) Any person who violates these filing requirements shall be liable for a civil penalty, as follows:

- (i) for a first violation, in an amount of up to one hundred dollars;
- (ii) for a second violation, in an amount of up to two thousand five hundred dollars;
- (iii) and for each subsequent violation, in an amount of up to five thousand dollars.

(f) *Fees.* Upon filing a FIF a responsible party shall submit a fee to the Department. The fee shall be determined by three factors: the total number of hazardous substances (which includes extremely hazardous substances) reported on the most recent FIF; the highest single quantity of a hazardous substance (which includes extremely hazardous substances) reported on the most recent FIF; and whether an extremely hazardous substance has been reported on the most recent FIF. When an extremely hazardous substance has been reported, this will result in a higher fee which shall be based on 125% of the amount calculated using Table 1, and may be calculated by using a multiplier of 1.25 as illustrated in paragraph (4) below. The fee shall be calculated in the following manner:

(1) Identify on the horizontal axis on Table 1 the column corresponding to the total number of hazardous substances (which includes extremely hazardous substances) reported on the most recent FIF;

(2) Identify on the vertical axis on Table 1 the row corresponding to the range in pounds of the highest quantity of any single hazardous substance (which includes extremely hazardous substances) reported on the most recent FIF;

(3) If no extremely hazardous substances are reported on the most recent FIF, the fee shall be the dollar amount appearing at the intersection of the column and row identified in paragraphs (1) and (2) above. *Example:* if there are three hazardous substances present at a facility, none of which is extremely hazardous, and the greatest reportable quantity of any single substance is fifteen million pounds, then the amount owed would be \$350.00, which is the amount listed at the intersection of the horizontal column for (1-3) substances and the vertical column which lists the reporting range for substances between 10,000,000 and 49,999,999 pounds;

(4) If an extremely hazardous substance was reported on the most recent FIF, the fee shall be 125% of the dollar amount appearing at the intersection of the column and row identified in paragraphs (1) and (2) and may be calculated by multiplying that figure by 1.25. *Example:* if any of the substances in the above noted example is an extremely hazardous substance, then to determine the fee multiply \$350.00 by 1.25. The fee for this example would therefore be \$437.50.

TABLE 1																
(The dollar amounts listed below are in actual dollars.)																
(Fee is based upon the greatest reported amounts of any single substance.)																
RIGHT-TO-KNOW PROGRAM - FEE SCHEDULE																
Reporting Ranges in lbs.	TOTAL NUMBER OF HAZARDOUS SUBSTANCES (which includes extremely hazardous substances)															
	1-3	4-7	8-10	11-13	14-17	18-20	21-23	24-27	28-30	31-50	51-100	101-150	151-200	201-250	251-300	300+
0-99	200	225	250	275	300	325	350	375	400	450	500	550	600	700	800	950
100-999	225	250	275	300	325	350	375	400	425	475	525	575	625	725	825	975
1,000-9,999	250	275	300	325	350	375	400	425	450	500	550	600	650	750	850	1000
10,000-99,999	275	300	325	350	375	400	425	450	475	525	575	625	675	775	875	1025
100,000-999,999	300	325	350	375	400	425	450	475	500	550	600	650	700	800	900	1050
1,000,000-9,999,999	325	350	375	400	425	450	475	500	525	575	625	675	725	825	925	1075
10,000,000-49,999,999	350	375	400	425	450	475	500	525	550	600	650	700	750	850	950	1100
50,000,000-99,999,999	375	400	425	450	475	500	525	550	575	625	675	725	775	875	975	1125
100,000,000-499,999,999	400	425	450	475	500	525	550	575	600	650	700	750	800	900	1000	1150
500,000,000-999,999,999	425	450	475	500	525	550	575	600	625	675	725	775	825	925	1025	1175
BILLION-HIGHER	450	475	500	525	550	575	600	625	650	700	750	800	850	950	1050	1200

§41-06 Trade Secrets. (a) A responsible party withholding the specific chemical identity of a hazardous substance pursuant to subdivision (b) of this section, or requesting non-disclosure of the specific chemical identity of a hazardous substance pursuant to subdivision (c) of this section, shall file a sanitized version of an MSDS for such hazardous substance.

(b) *Procedure for withholding information based on a federal or state claim.* (1) A responsible party may withhold from the FIF, FIF UPDATE and/or risk management plan the specific chemical identity of a hazardous substance, including the chemical name and other specific identification, and the method or process in which an extremely hazardous substance or regulated toxic substance is used, if a trade secret claim has been filed pursuant to §322 of the Federal Emergency Planning and Community Right-to-Know Act of 1986 or such information has been registered as a trade secret pursuant to Article 48 of the New York State Public Health Law or Article 28 of the New York State Labor Law. The responsible party

shall submit a notarized statement attesting to the facts of the claim or registration, including the date, place and recipient of the claim or registration, and that the chemical identity, or the method or process in which an extremely hazardous substance or regulated toxic substance is used, continues to be treated as confidential by the governmental authorities with whom such claim or registration has been filed. The responsible party shall also affirm that the claim or registration complied with the requirements for such a submission, that reasonable measures have been taken to safeguard the confidentiality of the chemical identity, method or process claimed or registered as a trade secret, and such measures will continue in the future.

(2) The responsible party shall indicate in the manner provided on the FIF, FIF UPDATE and/or risk management plan that information has been withheld because of a trade secret claim or registration.

(c) Procedure for requesting non-disclosure based on DEP determination of trade secret status.

(1) The responsible party requesting DEP determination of trade secret status shall not withhold from the FIF, FIF UPDATE and/or risk management plan any of the information for which trade secret status is sought. Such responsible party shall submit "Trade Secret Substantiation" at the time of the FIF, FIF UPDATE and/or risk management plan filing, containing answers to the questions listed in paragraph (2) of this subdivision (c). Information included in this Substantiation or in supplemental information provided at the request of DEP shall be treated as confidential, and therefore shall not be disclosed by DEP, regardless of the ultimate disposition of the specific hazardous substance trade secret claim, provided that the responsible party certifies that such information, if disclosed, would cause substantial injury to the competitive position of the subject enterprise.

(2) The responsible party shall substantiate claims of trade secrecy by providing a specific answer including, where applicable, specific facts, to each of the following questions.

(i) Describe the specific measures you have taken to safeguard the confidentiality of the chemical identity, method or process claimed as trade secret, and indicate whether these measures will continue in the future.

(ii) Have you disclosed the information claimed as trade secret to any other person (other than a member of a local emergency planning committee, officer or employee of the United States or a State or local government, or your employee) who is not bound by a confidentiality agreement to refrain from disclosing this trade secret information to others?

(iii) List any municipal, State, and Federal government entities to which you have disclosed the specific chemical identity, method or process. For each, indicate whether you asserted a confidentiality claim for the chemical identity, method or process and whether the government entity granted or denied that claim.

(iv) In order to show the validity of a trade secrecy claim, you must identify your specific use of the chemical, method or process claimed as trade secret and explain why it is a secret of interest to competitors.

(A) Describe the specific use of the chemical claimed as trade secret, identifying the product or process in which it is used. (If you use the chemical other than as a component of a product or in a manufacturing process, identify the activity where the chemical is used.)

(B) Has your company or facility identity been linked to the specific chemical identity, method or process claimed as trade secret in a patent, or in publications or other information sources available to the public or your competitors (of which you are aware)? If so, explain why this knowledge does not eliminate the justification for trade secrecy.

(C) If this use of the chemical, method or process claimed as trade secret is unknown outside your company, explain how your competitors could deduce this use from disclosure of the chemical identity, method or process together with other information on the FIF, FIF UPDATE and/or risk management plan.

(D) Explain why your use of the chemical, method or process claimed as trade secret would be valuable information to your competitors.

(v) Indicate the nature of the harm to your competitive position that would likely result from disclosure of the specific chemical identity, method or process and indicate why such harm would be substantial.

(vi) (A) To what extent is the chemical, method or process claimed as trade secret available to the public or your competitors in products, articles, or environmental releases?

(B) Describe the factors which influence the cost of determining the identity of the chemical claimed as trade secret by chemical analysis of the product, article, or waste which contains the chemical (e.g., whether the chemical is in pure form or is mixed with other substances).

(3) The responsible party shall include and sign the following certification at the end of the Substantiation: "I certify under penalty of law that I have personally examined the information submitted in this and all attached documents. Based on my inquiry of those individuals responsible for obtaining the information, I certify that the submitted information is true, accurate, and complete. I acknowledge that I may be asked by DEP to provide further detailed factual substantiation relating to this claim of trade secrecy, and certify to the best of my knowledge and belief that such

information is available. I understand that knowingly or recklessly making any false statement, representation or certification could subject me to a penalty of \$1000, or imprisonment of up to one year, or both”.

(4) A responsible party may request an extension only for submission of Trade Secret Substantiation by including in the FIF and/or risk management plan filing a notarized statement that such filing is otherwise complete, and that the additional time is needed to fully comply with the substantiation requirements of this section. An extension of 15 business days commencing from the applicable FIF and/or risk management plan filing deadline shall be granted upon receipt by DEP of such notarized statement.

(5) (i) DEP may request supplemental information from the responsible party in support of its trade secret claim. DEP may specify the kind of information to be submitted, or the responsible party may submit any additional detailed information which further supports the truth of the information previously supplied to DEP in its initial substantiation under this section. Any request for supplemental information must be submitted to DEP.

(ii) Any substantial information submitted by a responsible party shall include a certification pursuant to paragraph (3) of subdivision (c) of this section, and where applicable, a certification pursuant to paragraph (1) of subdivision (c) of this section.

(6) If a trade secret claim is submitted after DEP has received the information to which such claim relates, DEP may make efforts that are administratively practicable to process the late claim with the previously submitted information.

(7) No information claimed as a trade secret shall be disclosed by DEP prior to an affirmative determination by DEP as to the validity of the claim.

(8) (i) The responsible party shall be notified in writing of DEP's determination as to the validity of the claim.

(ii) Within 7 business days of the receipt of written notice denying the claim, the responsible party may file a written appeal with the Commissioner.

(iii) The appeal shall be determined within 20 business days of the receipt of the appeal. Written notice of the Commissioner's determination shall include a statement of the reasons for the determination.

(iv) A proceeding to review an adverse determination may be commenced pursuant to Article 78 of the Civil Practice Law and Rules.

(9) Pursuant to §24-709(c) of the New York City Community Right-to-Know Law, the Commissioner shall disclose trade secret information in the emergency circumstances specified in paragraph 1 of that section, and the responsible party shall disclose trade secret information for medical diagnosis and treatment purposes specified in paragraph 2 of that section.

§41-07 Labeling Requirements. (a) A responsible party shall ensure that each container of hazardous substance(s) at the facility is labeled, tagged or marked with the following information:

- (1) Chemical name or other name used in the Hazardous Substance List; and
- (2) Chemical Abstracts Service Registry number.

(b) A responsible party shall ensure that labels or other forms of warning are legible, in English, and prominently displayed on the container, or readily available in the work area throughout each work shift. Employers having employees who speak other languages may add the information in other languages as long as the information is also presented in English.

(c) A responsible party may use signs, placards, process sheets, batch tickets, operating procedures, or other such written materials in lieu of affixing labels to individual stationary process containers, as long as the alternative method identifies the containers to which it is applicable and conveys the information required by subdivision (a) of this section. The written materials shall be readily accessible to the employees in their work area throughout each work shift.

(d) A responsible party is not required to label portable containers into which hazardous chemicals are transferred from labeled containers if the portable container will only be used by the employee who performs the transfer. The employee shall not abandon control of any unlabeled portable container in which any hazardous chemical remains.

(e) A responsible party need not affix new labels to comply with this section if existing labels already convey the required information.

§41-08 Risk Management Plan Filing. (a) On or before March first of each year beginning in nineteen hundred ninety-five a responsible party of a facility where an EHS or regulated toxic substance is present at or above the TPQ for that substance shall file with the Department a risk management plan. The plan shall be submitted to:

New York City
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
59-17 Junction Boulevard, 3rd Floor
Elmhurst, New York 11373-5107

(b) A responsible party that has previously filed a risk management plan which has been approved by the Department may, in lieu of submitting an entire risk management plan, file an update of the plan with the Department. The update of the plan shall include, but not be limited to, the following:

(1) a description of any change in a facility's process(es) or changes in the surrounding community that require that a facility amend its risk management plan to remain in compliance with this rule.

(2) amendments to a facility's risk management plan.

(3) if a responsible party has not amended its risk management plan, a responsible party shall submit to the Department a signed affidavit attesting that no changes occurred at a facility or in the community surrounding a facility, which required that the facility amend its risk management plan to remain in compliance with this rule.

(c) A responsible party that is required to prepare a risk management plan as a result of amendments to the United States Environmental Protection Agency's rules regarding EHS's or regulated toxic substances, which are made after the effective date of this rule, shall file a risk management plan with the Department on March 1 of the year that provides a responsible party a minimum of one year to prepare a risk management plan.

(d) If any section of this rule does not apply to a particular facility, a responsible party shall submit a brief explanation as to why that section is not applicable in lieu of complying with such section.

(e) The risk management plan shall be prepared by one or more of the following persons provided that a professional engineer shall be responsible for any portion of a plan which involves the practice of the profession of engineering as defined in Education Law §7206.

(1) an industrial hygienist certified by the American Board of Industrial Hygienists;

(2) a professional engineer licensed pursuant to §7206 of the New York State Education Law;

(3) a safety certified professional by the Board of Certified Safety Professionals;

(4) an individual possessing a baccalaureate or graduate degree, issued upon completion of a course of study from an accredited college or university, with a major in one of the following areas; chemistry, chemical engineering, environmental and/or occupational health science, industrial hygiene, safety engineering; and three years of full-time experience in the identification, evaluation and control of environmental and safety hazards for protection against exposure to harmful substances and/or hazardous conditions.

(f) Proof of the credentials of the individual which prepared the risk management plan shall be submitted when the risk management plan is filed with the Department.

§41-09 Risk Management Plan Review. (a) Within thirty days after receipt of a risk management plan, the Commissioner shall determine whether such plan is complete. If the Commissioner determines that the plan

is incomplete, then he or she shall notify the responsible party that the plan is incomplete and identify the respects in which the plan is incomplete. Within fifteen days after such notification, the responsible party shall file a revised plan consistent with the Commissioner's notification. Within fifteen days after receipt of such revised plan, the Commissioner shall determine whether the revised plan is complete.

(b) Within ninety days after the Commissioner's determination that the responsible party has filed a complete plan, the Commissioner shall approve or make modifications to the plan and shall notify the responsible party filing such plan in writing of his or her approval or modifications.

(c) If the Commissioner makes modifications to the responsible party's risk management plan, the responsible party shall incorporate such modifications into its risk management plan, provided, however that the responsible party may, within forty-five days after receipt of such modifications, submit alternative modifications to the Commissioner or explain why the Commissioner's modifications are not necessary. The Commissioner shall within forty-five days review the alternative modifications or explanation and shall: (i) require the responsible party to incorporate, by a date certain not to exceed forty-five days, either the Commissioner's modifications, the alternative modifications or a combination of such modifications into its risk management plan, (ii) approve the unmodified plan or (iii) disapprove the plan.

§41-10 Risk Assessment Program. (a) The risk management plan shall include a risk assessment program.

(b) The risk assessment program shall include the following components:

(1) Identification of the maximum amount of an EHS and/or regulated toxic substance that would be released to an off-site area during a worst-case release. To determine a worst-case release scenario, a responsible party shall examine each covered process and assume that all mitigation systems fail to minimize the consequences of the release.

(2) Evaluation of the possibility and effects of a significant accidental release. A responsible party shall examine each covered process and identify the circumstances that may cause a significant accidental release, (e.g., pump failure, failure of controls, or operator error), evaluate the likelihood that such a release could occur, and perform a qualitative evaluation of the effects that a significant accidental release will have on public health and the environment.

(3) Submission of a form, prescribed by the Department, that lists each EHS and/or regulated toxic substance at or above its TPQ present at a facility, the amount of each substance, and the physical storage conditions for each substance.

(4) A hazard analysis of all equipment and covered processes, which shall include but not be limited to:

- (i) the identification of all significant accidental release(s) that occurred over the last five years;
- (ii) identification of all engineering and administrative controls applicable to the hazards of a covered process, including the application of detection methods that provide early warning of release;

§41-11 Risk Reduction Program. (a) The risk management plan shall include a risk reduction program.

(b) The risk reduction program shall include the following components:

(1) Consideration of the use of alternative substances and equipment to eliminate or reduce the use of EHS's or regulated toxic substances in a covered process(es). A facility that eliminates or reduces the use of EHS's or regulated toxic substances below the TPQ for such substances by implementing alternatives will not be required to comply with §§41-08 through 41-12 of this chapter.

(i) A responsible party shall make the following considerations with respect to the use of alternative substances and equipment;

(A) an assessment of the uses for EHS's and regulated toxic substances in a covered process(es);

(B) an examination of alternative substances and equipment to reduce or eliminate the use of EHS's and/or regulated toxic substances in a covered processes;

(C) a timetable for implementing alternatives that are technically and economically feasible.

(ii) mechanisms to facilitate the use of alternative substances and equipment shall include but not be limited to the following:

(A) modification or redesign of production processes and/or products;

(B) changes in materials usage, handling and storage practices, including improved inventory control, preventive maintenance and spill and leak prevention;

(C) use of closed-loop reclamation, reuse or recycling processes;

(D) use of other on-site recycling techniques.

(iii) To verify compliance with this section, a responsible party shall submit a summary report demonstrating the consideration of the use of alternative substances and equipment.

(iv) A facility that has filed an approved toxic chemical reduction plan with the New York State Department of Environmental Conservation (NYSDEC) in accordance with 6 NYCRR Part 378 for EHS's or regulated toxic substances shall be exempt from complying with this section. To qualify for this exemption, a responsible party shall submit certification of NYSDEC approval of the facility's toxic chemical reduction plan.

(2) A pre-start-up safety review of the design of new or modified equipment and/or covered processes prior to operating such equipment and/or processes at a facility. A pre-start-up review is not required for the replacement of equipment or covered processes, if such replacements have the same design specifications as the existing equipment or covered processes. A pre-start-up review shall include the following:

(i) an evaluation of the construction of equipment to determine that the equipment meets manufacturer's design specifications;

(ii) an evaluation to determine if safety procedures, operation and maintenance procedures, and emergency procedures for equipment and covered processes, are in place and are adequate. A responsible party shall replace any procedures that are determined to be inadequate.

(iii) a review to ensure that for all new equipment and covered processes all recommendations made as a result of the hazard analysis required by §41-10(b)(4) of this chapter have been implemented.

(3) Written standard operating procedures that provide clear instructions for the safe operation of all equipment and covered processes, which shall include the following:

(i) the initial start-up procedures for each operating phase;

(ii) the normal operating procedures for each operating phase;

(iii) procedures for the normal shutdown of each operating phase;

(iv) emergency shutdown procedures including the condition under which emergency shutdown will be required, and the assignment of shutdown responsibility to qualified operators;

(v) procedures for start-up following a turnaround or after an emergency shutdown;

(vi) procedures for emergency operation during each operating phase;

(vii) the consequences of deviating from the standard operating procedures;

(viii) a list of steps required to restore normal operation following deviation from the standard operating procedures;

(ix) the precautions necessary to prevent exposure to EHS and regulated toxic substances including engineering controls and the use of personal protective equipment;

(x) the control measures that will be taken of an individual experiences physical contact or airborne exposure to an EHS or regulated toxic substance;

(xi) a list of any special or unique hazards;

(xii) the availability of standard operating procedures to employees who work with or maintain a process;

(xiii) regular review of standard operating procedures to ensure that they conform with this section;

(xiv) development and implementation of safe work practices such as lock out/tag out devices, confined space entry, opening of equipment or piping, and controls over the entrance into a facility by maintenance workers, contractors, laboratory workers, and other support personnel;

(xv) description of type, location, and purpose of all safety relief devices, interlocks, alarms, detectors, controls, and activation points;

(xvi) development of a table of contents and record of change in standard operating procedures; and

(xvii) schedule of operator attendance at all times during the operation of a covered process, including off-shifts, weekends, and turnarounds.

(4) A training program for operators of a covered process that ensures that personnel involved with EHS and/or regulated toxic substances understand the standard operating procedures developed in accordance with subdivision (b)(3) of this section. The training program shall include the following:

(i) instruction in emergency operation and emergency shutdown procedures;

(ii) informing employees of the safe work practices developed in accordance with subdivision (b)(3)(xiv) of this section; and

(iii) the owner must provide a formal written training program. The written program shall include descriptions, qualification procedures, reference materials, training methods, and trainer qualifications. The program shall include instructions for recordkeeping as well as procedures and a schedule for evaluating training effectiveness;

(iv) refresher training that must be conducted at least once every three years.

(5) A preventive maintenance program for equipment. A responsible party shall develop a list of equipment and controls the failure of which could result in a significant accidental release. The list shall include pressure vessels, storage tanks, piping systems including valves, relief an vent systems and devices, emergency shutdown systems, controls such as monitoring devices, sensors, alarms, and interlock devices and pumps.

(i) a maintenance schedule for equipment shall be developed based upon manufacturers' recommendations where applicable or the experience of facility operators.

(ii) a record of routine maintenance, inspection, testing, and equipment repairs shall be logged at the facility, and shall include the action taken, the date of the action, and who performed the action. Such records shall be kept on premises for five years.

(6) Implementation of accident release investigation procedures for identifying the causes of releases including fires and explosions. Accident investigation procedures shall be initiated as promptly as possible, but not later than 48 hours following a significant accidental release. Such procedures shall include the following:

(i) a responsible party shall develop a list containing a history of significant accidental releases at a facility including a chronicle of significant accidental releases of EHS's and regulated toxic substances, the reporting history of significant accidental releases of EHS's and regulated toxic substances, and a record of the community response and interaction related to any significant accidental releases;

(ii) preparation of the accident investigation report which shall include:

(A) time and location of the accidental release;

(B) identity, amount, and duration of the release;

(C) equipment, materials, procedures, and personnel involved;

(D) determination as to whether the accidental release was caused by human error, a procedural inadequacy, or equipment failure;

(E) detailed description of the accident, including the number of evacuees, injuries, and fatalities, and the impact on the community;

(F) recommendations for preventing a recurrence, including retraining or reassignment of employees determined to be lacking in knowledge or operating procedures and safety practices; and

(G) signatures and position titles of the investigators.

(7) Safety audits shall be conducted at least once every three years in order to certify that a facility is in compliance with these rules.

(i) a report of the findings of the audit shall be developed and submitted to the Department as part of the risk management plan;

(ii) as part of the report, a responsible party shall record any response taken as a result of the findings of the audit.

(iii) the two most recent safety audit reports shall be retained at the facility.

(8) Management of change procedures that shall consist of written procedures which address the following considerations prior to any changes in a covered process.

(i) the impact of the proposed change on the likelihood of a significant accidental release;

(ii) the necessary modifications to standards operating procedures as a result of the proposed change;

(iii) informing and training of employees that are involved in a process that will be affected by a proposed change prior to the start-up of the change; and

(iv) updating if any part of the risk management plan required by this regulation if a change is implemented.

§41-12 Emergency Response Program. (a) The risk management plan shall include an emergency responses program.

(b) The emergency response program shall contain the following components:

(1) A general site plan which shall consist of a general site map layout. A general site map example and list of map symbols is set forth in Appendix A of this rule. If it becomes necessary to use any other symbol on such map, the preparer shall include a reference of the symbol. Colors shall not be used on the site map. For sites with more than one building, a general layout on one page and separate map pages for floor or area shall be used. An 8 ½" by 11" size map on grid paper shall be used only. The following elements shall be included as part of the general site map layout:

(i) outline of buildings and areas within the property including parking lots, internal roads, alleys, and streets adjacent to a facility;

(ii) designation of all adjacent property uses such as commercial or residential, and a list of the exact street address of all public institutions (e.g. hospitals, health care facilities, day care centers, schools, hospices, places of assembly), within one-half mile of the facility;

(iii) a layout of all storage areas for EHS's and regulated toxic substances, and turn-off valves for water, electricity, and gas;

(iv) directional orientation (north arrow);

(v) water supplies to include the nearest fire hydrants, size of mains and cross connects, pressure/gravity tanks, suction from rivers or bodies of water;

(vi) all sewers, transformer vaults, high voltage lines, air conditioning intakes, tunnels, bridges, railroads, and subways within 200 feet of the facility.

(2) An individual site plan which shall consist of an individual facility/building map layout. A specific floor or area map is required for each building in accordance with the 8 ½ x 11 map grid provided in Appendix B of this chapter. Colors shall not be used on the map grid. An individual facility/building map shall include the following elements:

(i) outline of building including the height, area, and type of construction areas;

(ii) fire rated corridors within the building, if known;

(iii) location of each building with respect to the street;

(iv) location of all areas where EHS's and regulated toxics substances are stored or used.

(3) A responsible party shall appoint an emergency response coordinator who shall be knowledgeable about EHS's and regulated toxic substances and shall be knowledgeable about all facility operations and the layout of a facility. The emergency response coordinator shall be on duty during normal working hours or when otherwise required by the Department. The emergency response coordinator shall have the following responsibilities:

(i) coordinate emergency response efforts with the emergency response agencies on a 24-hour basis. The emergency response coordinator shall maintain a list at a facility of the names, titles, and office and home telephone numbers of contacts in each emergency response agency;

(ii) review the emergency response plan with each facility employee, upon its completion and approval each year the plan is submitted to the department, upon the initial assignment of emergency response duties, and when the emergency response plan is changed in accordance with subdivision (b)(5)(xiii) of this section;

(iii) maintain a log of all reviews required by this section. These logs shall be available for inspection for three years;

(iv) critique the facilities response in follow-up to an accidental release of an EHS or regulated toxic substance within thirty days of such a release. Such critique shall be written and copies retained at the facility for three years;

(v) identify a deputy emergency response coordinator who shall perform the duties of the emergency response coordinator when he or she is not present at the facility. The deputy emergency response coordinator must meet the qualification requirement set forth in subdivision (b)(3) of this section.

(4) An emergency response plan which shall include:

(i) a list of all employees designated response duties in the emergency response plan, including a description of such duties.

(ii) a list of emergency response, personal protective, and mitigation equipment, and the location of such equipment at the facility. The list shall include portable monitoring equipment for detecting EHS's and regulated toxic substances. Such equipment shall be placed in a location that will reduce the likelihood of its damage, inoperability or inaccessibility, should an accidental release occur;

(iii) written procedures for the use of emergency response equipment and for the inspection, testing, and maintenance of such equipment by facility personnel. The maintenance of such equipment shall be recorded in a log book. Such log books shall be kept on the premises for a three-year period and be readily available for inspection;

(iv) training of employees given response duties in the emergency response plan in emergency response procedures. Such training shall address the use of personal protective equipment and emergency response equipment.

(v) conduct a minimum of one drill per year to evaluate the effectiveness of the emergency response plan, and prepare a written assessment of the emergency response plan following each drill and when the emergency response plan is actually implemented. Such written assessments shall be kept on the premises for a three-year period and shall be readily available for inspection.

(vi) procedures for reporting fires and other emergencies to emergency response agencies, including back-up reporting procedures;

(vii) emergency evacuation procedures including;

(A) routes and protective actions for employees that are not given response duties in the emergency response plan;

(B) on-site notification procedures to identify evacuation areas.

(C) maps of primary and alternate evacuation routes.

(D) designation of primary and alternate assembly areas.

(E) a list of all personnel and procedures to account for all personnel after emergency evacuation has been completed.

(F) procedures for determining a safe distance from the facility and, if needed, a primary and alternate place or refuge.

(G) site security and control.

(viii) installation of an audible employee alarm system that complies with 29 CFR §1910.165.

(ix) procedures for the administration of first aid and other emergency medical treatment necessary to treat human exposure to each EHS and regulated toxic substance located at the facility.

(x) procedures for medical surveillance of emergency responders at the facility if any exists.

(xi) decontamination procedures for employees.

(xii) a training program designated to train a sufficient number of persons to assist in a safe and orderly emergency evacuation of employees.

(xiii) the emergency response plan shall be updated annually and within thirty days of the following occurrences:

(A) When a reported quantity of and EHS or regulated toxic substance is increased by 25% or more.

(B) A previously unreported EHS or regulated toxic substance is added to a facility's inventory.

(C) A significant change is made to the operation of a facility, which increases the potential for a release of an EHS or regulated toxic substance.

(D) When the results of a emergency response drill, conducted in compliance with subdivision (b)(5)(v) of this section, demonstrates that, in the interest of facility safety or public safety, a change in the emergency response plan is warranted.

(xiv) the responsible party shall maintain a copy of the emergency response plan at the facility at all times, and shall include the names and regular job titles, and business and home telephone numbers of persons, including those of the emergency response coordinator and deputy emergency response coordinator or departments who can be contacted for further information or explanation of duties under the plan, and all facility Material Safety Data Sheets (MSDS) required pursuant to law. The emergency response plan and the names and 24-hour telephone number of the suppliers of the facilities EHS and regulated toxic substances shall be kept in a Fire Department key box at a location designated by the Fire Department.

§41-13 [Compliance with OSHA]. To comply with any section of this chapter, a facility may submit any documents prepared to comply with the United States Occupational Safety and Health Administration's (OSHA) regulations regarding the Process Safety Management of highly hazardous chemicals as contained in 29 CFR 1910.119 et seq. which have been approved by OSHA.

§41-14 Penalties. (a) Any person who knowingly or recklessly makes any false statement, representation, or certification on a facility inventory form, risk management plan or any other document filed with the Department pursuant to this rule shall, upon conviction, be subject to a fine of not more than one thousand dollars, or imprisonment of up to one year, or both.

(b) Any person who fails to file a facility inventory form or risk management plan or who fails to amend a risk management plan, which has been submitted to the Department within the time prescribed by the Commissioner, or who violated the requirements of §24-711 of the New York City Administrative Code shall be liable for a civil penalty as follows:

(1) for a first violation, in an amount of not less than two hundred fifty nor more than two thousand five hundred dollars

(2) for a second violation, in an amount of not less than one thousand seven hundred fifty nor more than five thousand dollars

(3) for each subsequent violation, in an amount of not less than three thousand seven hundred fifty nor more than ten thousand dollars.

(4) for the purposes of this section, the second and any subsequent violation shall only be issued after notice of the first violation has been properly served and an opportunity to cure, not to exceed thirty days, has been provided.

Chapter 41

Appendix A
New York City Right-to-Know
Facility Inventory Form,
Tier Two

6731 RCNY 7-31-91

Revised 12/90 **Important: Read all instructions before completing form** Reporting Period From January 1 to December 31, 19__ Page__ of__ pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO

Name _____ Street _____ City _____ State _____ ZIP+4 _____ Telephone _____ SIC Code _____ Dun & Bradstreet Number _____ Date Received _____
FOR OFFICIAL USE ONLY

Name _____ Phone (____) _____
 Mail Address _____
 Name _____ Title _____ Day Phone _____ 24-Hour Phone _____
 Name _____ Title _____ Day Phone _____ 24-Hour Phone _____

Emergency Contact
 Name _____ Title _____ Day Phone _____ 24-Hour Phone _____

Chemical Description	Physical and Health Hazards (Hazardous Materials)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS _____ Trade Secret <input type="checkbox"/> Check all that apply: <input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS Name(s) _____	Eye <input type="checkbox"/> Irritation (acute) Skin <input type="checkbox"/> Irritation (acute) Respiratory <input type="checkbox"/> Irritation (acute) Delayed (chronic) <input type="checkbox"/>	Max. Amount (code) _____ Avg. Amount (code) _____ No. of Days Present _____	_____	<input type="checkbox"/> Check all that apply to this chemical: Volatile <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Toxic <input type="checkbox"/> Other <input type="checkbox"/>
CAS _____ Trade Secret <input type="checkbox"/> Check all that apply: <input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS Name(s) _____	Eye <input type="checkbox"/> Irritation (acute) Skin <input type="checkbox"/> Irritation (acute) Respiratory <input type="checkbox"/> Irritation (acute) Delayed (chronic) <input type="checkbox"/>	Max. Amount (code) _____ Avg. Amount (code) _____ No. of Days Present _____	_____	<input type="checkbox"/> Check all that apply to this chemical: Volatile <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Toxic <input type="checkbox"/> Other <input type="checkbox"/>
CAS _____ Trade Secret <input type="checkbox"/> Check all that apply: <input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS Name(s) _____	Eye <input type="checkbox"/> Irritation (acute) Skin <input type="checkbox"/> Irritation (acute) Respiratory <input type="checkbox"/> Irritation (acute) Delayed (chronic) <input type="checkbox"/>	Max. Amount (code) _____ Avg. Amount (code) _____ No. of Days Present _____	_____	<input type="checkbox"/> Check all that apply to this chemical: Volatile <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Toxic <input type="checkbox"/> Other <input type="checkbox"/>

OPTIONAL
 I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____ and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.
 I have attached a _____

Revised 12/90

Important: Read all instructions before completing form

Reporting Period From January 1 to December 31, 19__

Page ___ of ___ pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO	Name _____ Street _____ City _____ State _____ ZIP+4 _____ Telephone (____) _____ County _____ SIC Code [][][][] Dun & Brad Number [][][][][][][][]	Name _____ Phone (____) _____ Mail Address _____ Name _____ Title _____ Day Phone (____) _____ 24-Hour Phone (____) _____ Name _____ Title _____ Day Phone (____) _____ 24-Hour Phone (____) _____
	FOR OFFICIAL USE ONLY ID # _____ Date Received _____	Emergency Contacts: _____ Owner/Operator: _____

Confidential Location Information Sheet		Storage Codes and Locations (Non-Confidential)	OPTIONAL																																				
CAS	Trade Secret	Storage Locations	Check box if this information is to be made available to the public.																																				
CAS [][][][][][][][][][] Trade Secret <input type="checkbox"/> Name(s) of Chemical(s) _____ _____ _____	<input type="checkbox"/>	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																																					<input type="checkbox"/>
CAS [][][][][][][][][][] Trade Secret <input type="checkbox"/> Name(s) of Chemical(s) _____ _____ _____	<input type="checkbox"/>	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																																					<input type="checkbox"/>
CAS [][][][][][][][][][] Trade Secret <input type="checkbox"/> Name(s) of Chemical(s) _____ _____ _____	<input type="checkbox"/>	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																																					<input type="checkbox"/>

Certification (Read and sign after completing all sections) I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____ and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.	OPTIONAL <input type="checkbox"/> I have attached a site plan.
Name and official title of owner/operator OR owner/operator's authorized representative _____ Signature _____ Date Signed _____	

Chapter 41

Appendix B *Emergency Response Plan*

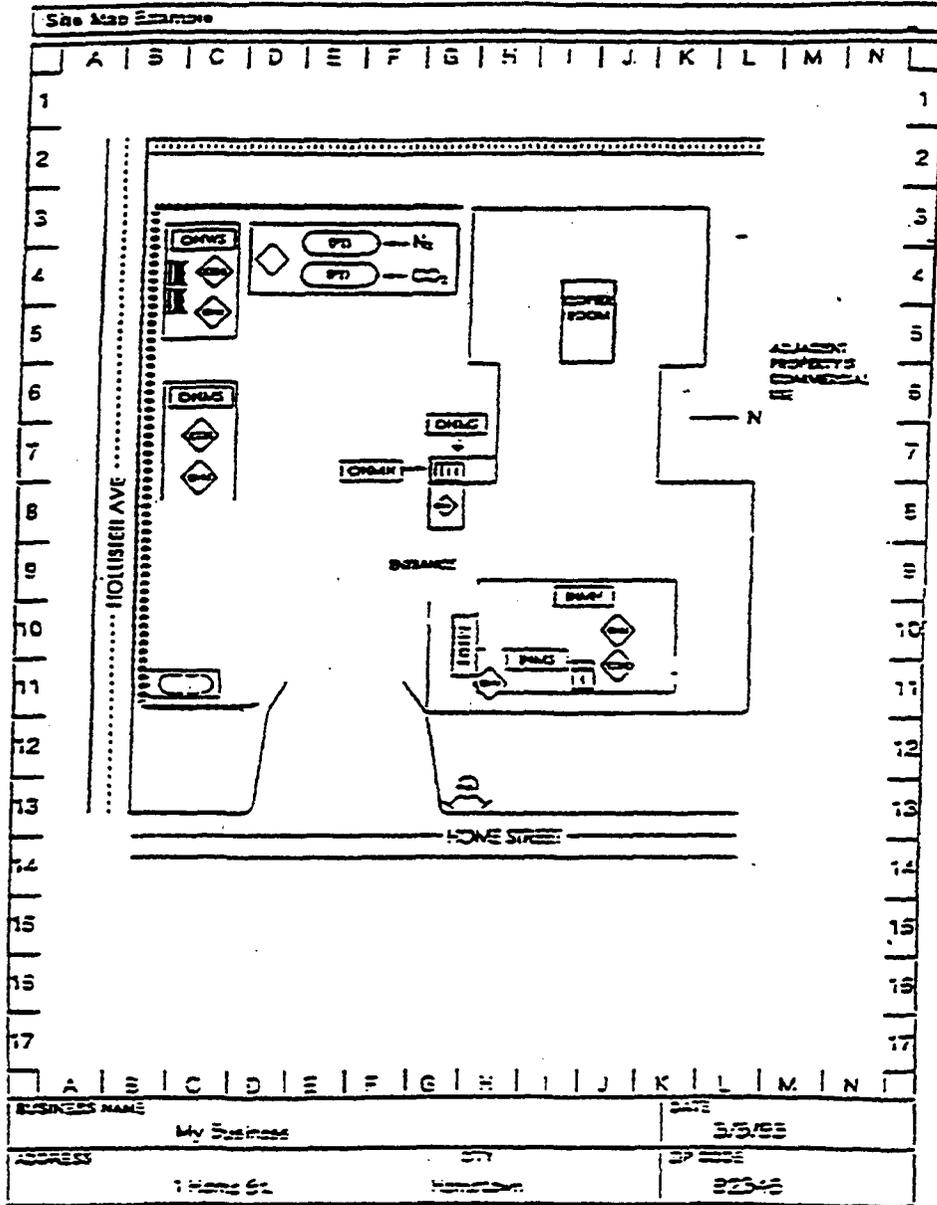
Please use the following symbols, if applicable, on all general site facility floor and area maps. If it becomes necessary to use any other symbols on any of the maps you submit, be certain to include a legend (with a definition of the meaning of the symbol) on the appropriate map, or on your site map's cover page. Please include the product name, quantity and appropriate hazard class identification diamond for each storage tank.

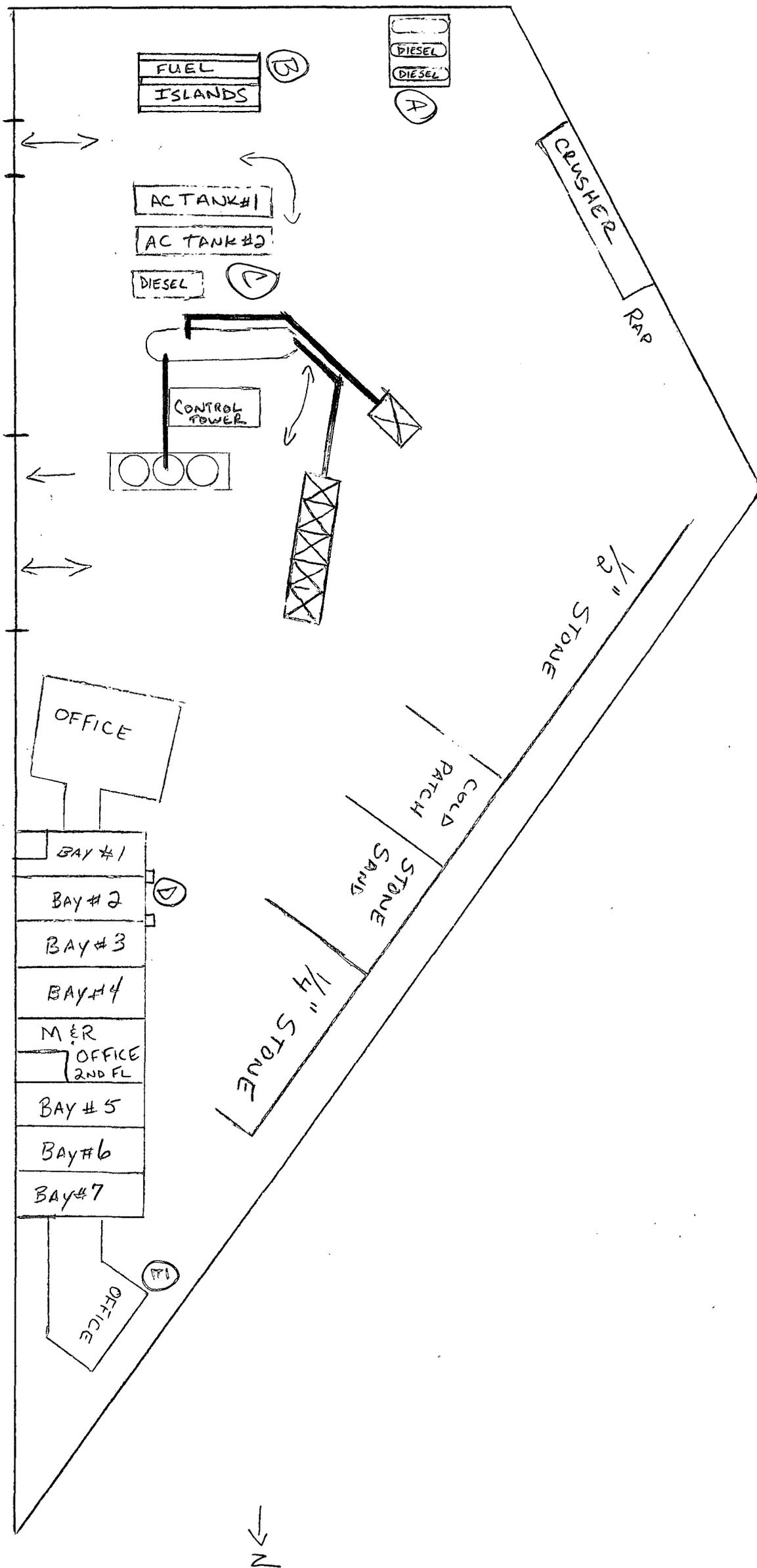
(Table and Example follows)

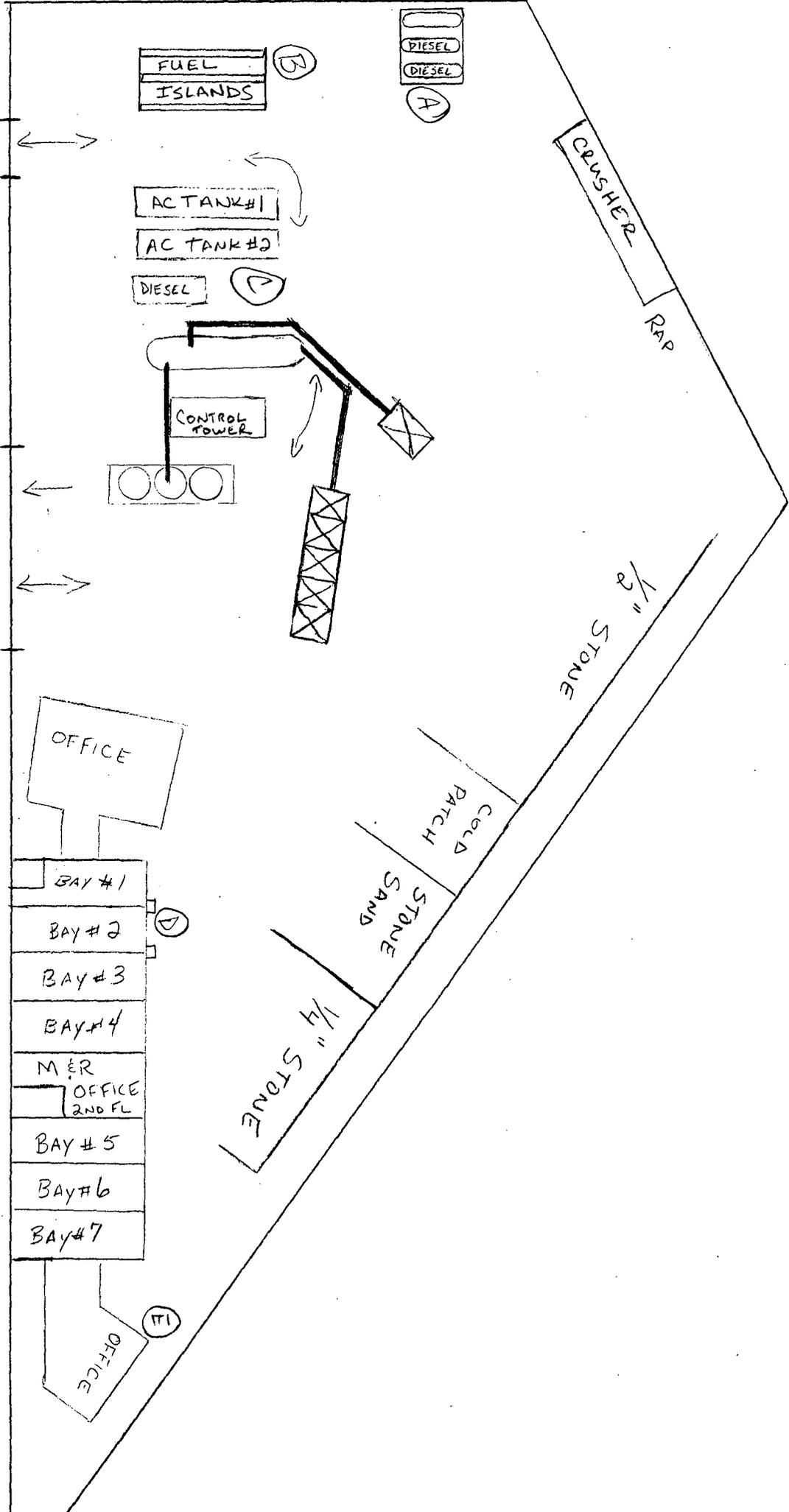
TITLE 15—DEPT. OF ENVIRONMENTAL PROTECTION

	SPILL CONTROL EQUIPMENT		WIRE FENCE
	FIRE DEPT. KEY BOX		BERMS & DIGS
	MANUFACTURER DATA SHEETS		RAILROAD TRACK
	EMERGENCY INFORMATION, BUSINESS PLAN, CHEMICAL INVENTORY & MAPS		STREETS, ROADS, ALLEYS Indicated by Name
	PRESSURED TANK		STARWAYS Indicated Highest to Lowest ELEVATION
	UNDERGROUND STORAGE TANK IN VAULT		HAZARDOUS MATERIALS CABINET
	UNDERGROUND TANK		COMPRESSED GAS CABINET
	INSULATED TANK		COMPRESSED GAS CYLINDERS
	OUTSIDE HAZARDOUS WASTE STORAGE		HAZARDOUS MATERIALS DRUMS
	OUTSIDE HAZARDOUS MATERIALS STORAGE		INSIDE HAZARDOUS WASTE STORAGE
	OUTSIDE HAZARDOUS MATERIALS HANDLING		INSIDE HAZARDOUS MATERIALS STORAGE
			INSIDE HAZARDOUS MATERIALS HANDLING
	FIRE HYDRANT		OXYGEN
	EXPLOSIVES AND BLASTING AGENTS		FLAMMABLE SOLID
	FLAMMABLE LIQUIDS		POISONOUS/TOXIC
	CORROSIVE		POISON GAS
	CRYOGENIC		NON-FLAMMABLE GAS
	COMBUSTIBLE LIQUIDS		OTHER HEALTH HAZARD
	OXYGEN		ORGANIC PEROXIDE
			PYROPHORIC
			RADIOACTIVE
			LIQUID PETROLEUM GAS
			UNSTABLE REACTIVE
			WATER REACTIVE
			CHLORINE

CHAPTER 41—APPENDIX B; EMERGENCY RESPONSE PLAN







**NEW YORK CITY DEPARTMENT OF TRANSPORTATION
POTENTIAL HAZARDOUS WASTE OPERATIONS AND
SARA (COMMUNITY RTK) SITES**

STATUS	FACILITY ADDRESS/LOCATION	USE	OECA Liaison	BOROUGH	TELEPHONE #	CONTACT PERSON
	205-209 East 138th Street	Office		Bronx	718-665-1805	Charles Forongy
	Mosholu Avenue and Broadway	Van Cortlandt Yard	A. Cortes	Bronx	718-543-2377	Talent Toneva
	3200 Conner Street	Conner Street Yard	A. Cortes	Bronx	718-994-1266, 718-325-7894	Vincent Moncada,
	2144 Webster Ave.	Fleet Services	A. Cortes	Bronx	718-533-5712	Douglas Sutton
	125 Cadman Plaza East	Electrical/Oiler	R. Holcomb	Brooklyn	718-624-0753	John Bayliss, Mohammed Sharif
	2900 Flatbush Avenue	Flatbush Yard	A. Cortes	Brooklyn	718-338-0057	Joseph Flood, Donna Lughran
	424 Wythe Avenue	Bridge Painting	R. Holcomb	Brooklyn	212-788-2068	Earlene Powell
	488 Hamilton Avenue	Hamilton Yard	A. Cortes	Brooklyn	718-369-4244, 4246, 4223	Tom Siano, John Ameer, Anthony Bordenca
	488 Hamilton Avenue	Fleet Services	A. Cortes	Brooklyn	718-533-5712	Douglas Sutton
	6080 Flatlands Avenue	Flatlands Yard	A. Cortes	Brooklyn	718-251-6044/5369	John Giaccio
	6080 Flatlands Avenue	Fleet Services	A. Cortes	Brooklyn	718-533-5712	Douglas Sutton
	59 Adams Street	Office	R. Holcomb	Brooklyn	212-442-9901-	George Klein
	345 East 59th Street	Office/Storage/Shop	R. Holcomb	Manhattan	212-371-6893	Pinakin Patel
	672 West 158th Street and Riverside Drive	Manh. Dugout	A. Cortes	Manhattan	212-442-4617	Augustin Alamo
	5-40 44 th Drive	JETS	A. Cortes	Queens	718-784-4193	Michael Panarese
	Dover Street & Robert Wagner Pl.	Dugout	A. Cortes	Manhattan	212-442-4626	Augustin Alamo
	58 th Street	Central Depot	A. Cortes	Brooklyn	718-439-7634	Lou DeSio
	140 58 St. (BAT)	Fleet Services	A. Cortes		718-533-5712	Doug Sutton
	Whitehall Ferry Terminal	Ferry Terminal	Bill Kain	Manhattan	718-976-1028	Tony Mancino
	141st Avenue & Brookville Yard Repair Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Douglas Sutton
C	Park Drive East and Union Turnpike	Kew Loop Yard	A. Cortes	Queens	718-591-2544, 7055	Paul Inzauto, Anthony Arato
	32-11 Harper Street: Body Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton,
	32-11 Harper Street: Heavy equip. repair shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
	32-11 Harper Street: Queens truck shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
	32-11 Harper Street: Blacksmith Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
	32-11 Harper Street: Welding Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
	32-11 Harper Street: Tire Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
	32-11 Harper Street: Central Auto Supply	Fleet Services	A. Cortes	Queens	718-533-5740	Robert Conca, Doug Sutton
	32-11 Harper Street: Arterial	Harper St. Yard	A. Cortes	Queens	718-533-5716	Howard Lesser
	32-11 Harper Street: Tech Support	Harper St. Yard	A. Cortes	Queens	718-533-5760	Joe Croce
	69-46 Sybilla Street	Glendale Yard	R.C / A.C.	Queens	718-263-4289	Michael Terry
	352 Kent	Bridge Maint.	R. Holcomb	Queens	212-442-9901	George Klein

STATUS	FACILITY ADDRESS/LOCATION	USE	OECA Liaison	BOROUGH	TELEPHONE #	CONTACT PERSON
	58-50 57th Road	Maspeth Sign Shop	Joe Donini	Queens	718-894-2503	David Leschke
	57-49 58 Place	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
	10 Glen Street	Glen Street Yard	A. Cortes	Staten Island	718-370-8476	Steve Thorsen
	1893 Richmond Terrace	Fleet Services	A. Cortes	Staten Island	718-533-5712	Doug Sutton
	66-26 Metropolitan Avenue	Office/Storage	Joe Donini	Queens	718-417-2120, 2121	Anthony Alfano
	St. George Ferry Terminal	Ferry Terminal	Bill Kain	Staten Island	718-976-1028	Tony Mancino
	130 Clay Street	Pulaski Yard	R. Holcomb	Queens	212-788-1715	Paul Schwartz
	1 Bay Street	Ferry Maintenance	Bill Kain	Staten Island	718-976-1028	Tony Mancino
C	5 Dubois Avenue	Dubois Ave. Yard	A. Cortes	Staten Island	718-390-8180	Ted Stelling
	121 Plymouth Street	Bridge Painting	R. Holcomb	Brooklyn	212-442-0007	Leon Levit
	301 West 203rd Street & 9th Avenue	Yard	A.C./ R.H.	Manhattan	212-788-1715	Paul Schwartz

Prepared by: DOT Safety and Health – 2/25/05

L – Letter; S – Submission; C – Completed

HAZARDOUS/NON HAZARDOUS WASTE

66

SPILL RESPONSE SPECIFICATION

**REMEDICATION, TRANSPORTATION AND DISPOSAL OF HAZARDOUS
AND NON-HAZARDOUS**

MATERIALS, WASTES AND BULK CHEMICALS

**ON AN EMERGENCY AND NON-EMERGENCY BASIS
FOR
NEW YORK CITY**

DEPARTMENT OF TRANSPORTATION

DETAILED SPECIFICATIONS

SCOPE AND INTENT OF WORK

SECTION 1 – INTRODUCTION

The NYCDOT requires the services of a Hazardous Materials Incident Response Contractor (the “Contractor”), experienced and certified in spill response, spill containment, remediation, transportation and disposal of hazardous and non-hazardous materials, substances, wastes, and bulk chemicals.

The Contractor shall provide a licensed, trained, certified, and supervised remediation work crew that shall possess all regulatory licenses, training, certificates, and permits, and shall be able to provide 24-hour Emergency Remediation and non emergency response and remediation services on an “as needed basis”. The Contractor must perform all work to minimize, to the greatest extent practicable, the possibility of any materials entering the water supply.

Work under the Contract may include, but not be limited to, Emergency or Non-Emergency response, spill containment, remediation work, monitoring for chemical hazards, waste containerization, profiling, labeling, manifesting, and transportation of wastes generated to a United States Environmental Protection Agency (“USEPA”) approved Treatment, Storage and Disposal Facility (“TSDF”).

The following outline addresses general work included under the Contract. Where applicable, the Contractor shall:

- Provide notification, verbally and in writing to NYCDOT and relevant regulatory authorities, prior to the implementation of any and all proposed Contract work;**
- Where directed by NYCDOT, develop and implement site and/or contaminant specific Health and Safety Plans (HASPs);**
- On a 24-Hour basis, provide Emergency Hazardous Materials Incident Response services for containment and remediation of spills of hazardous and non-hazardous materials, substances and bulk chemicals and for transportation and disposal of these materials;**
- Where directed by NYCDOT, provide Non-Emergency Hazardous Materials Incident Response services for containment and remediation of hazardous and non-hazardous materials, substances, wastes, and bulk chemicals and for transportation and disposal of these wastes;**
- Where directed by NYCDOT and/or required by law, provide sampling and analyses of any and all hazardous and non-hazardous materials, substances, wastes, and chemical hazards to be disposed of;**
- Provide for the pick-up and removal of all identified hazardous and non-hazardous wastes, materials, residues, sump waters, and rinse waters and transportation of these wastes to an approved TSDF for treatment, processing, storage, and final disposal;**
- Provide, as required, waste characterization and profiling of wastes to be disposed**

of;

- Provide, as required, originals or copies of all waste manifests, certificates of disposal, and tracking documents, to the NYCDOT; and
- Provide all other labor and materials required to complete the specified work in accordance with the Contract Specifications and as directed by the NYCDOT.

SECTION 2 – GENERAL SCOPE OF WORK

The Contractor shall furnish all necessary labor, materials, equipment, permits, permit fees, certificates, licenses and incidentals required to conduct the following:

- A. Provide notification, verbally and in writing to NYCDOT staff (Project Manager), as soon as practicable, prior to the implementation of any and all proposed emergency remediation work, waste transportation, and/or disposal activities.**
- B. Where directed by NYCDOT, or as otherwise provided by law, provide notification, verbally and in writing to relevant regulatory authorities, including but not limited to, New York State Department of Environmental Conservation (“NYSDEC”), Department of Health (“NYSDOH”) and USEPA, prior to commencing work at a specified NYCDOT facility or location.**
- C. For each facility or location identified for Emergency or Non-Emergency Response and/or remediation and as directed by NYCDOT, the Contractor shall develop and implement a Health and Safety Plan (HASP) for the specific site and contaminant(s) of concern. HASPs shall be submitted as soon as practicable to the NYCDOT for review and approval prior to implementation. In addition and where directed by NYCDOT, the Contractor shall have on staff a Certified Industrial Hygienist (CIH), to monitor the site and be responsible for the health and safety of Contractor and NYCDOT personnel at the work site during any remediation activities. Wherever these Detailed Specifications require a CIH, that shall mean a person who is certified by the Board of Certified Safety Professionals as a Certified Safety Professional, certified by the New York State Department of Labor pursuant to 12 NYCRR §59-1.12, certified by the American Board of Industrial Hygiene as a Certified Industrial Hygienist, or certified by the World Safety Organization as a Certified Safety Executive, Certified Safety Manager, or Certified Safety Specialist.**
- D. The Contractor shall respond to all Emergency Response calls as soon as practicable but in no event longer than two hours from when verbally directed to respond. If the Contractor does not respond to the site of the Emergency and commence remediation within two hours, the NYCDOT may, at its sole discretion, obtain the services of another contractor, and liquidated damages, as set forth in Section 15.32, shall be assessed to the Contractor. Should sufficient sums not remain due and owing the Contractor to cover these changes, the Contractor shall immediately**

remit sums to NYCDOT upon demand.

The Contractor shall respond to all Non-Emergency Response calls as soon as practicable but in no event longer than 24 hours from when verbally directed to respond. If the Contractor does not respond to the site of a Non-Emergency Response call within 24 hours, the NYCDOT may, at its sole discretion, obtain the services of another contractor, and liquidated damages, as set forth in Section 15.32, shall be assessed to the Contractor. Should sufficient sums not remain due and owing the Contractor to cover these changes, the Contractor shall immediately remit sums to NYCDOT upon demand.

- E. For the purposes of all Emergency or Non-Emergency Response services, the Contractor shall provide site-specific remediation including, but not limited to, vacuuming, HEPA vacuuming, super-vacuuming, pumping, venting, wiping, scraping, collecting, and containerizing any visible spilled hazardous materials, hazardous and non-hazardous substances and/or bulk chemicals. All hazardous and non-hazardous materials, substances, wastes, and bulk chemicals remediated by the Contractor are to be stored in appropriately labeled containers, drums, pails, etc., characterized for disposal, and transported and properly disposed of at a proper disposal facility.
- F. During all remediation activities, including, but not limited to, those involving elemental mercury, mercury vapors, mercury containing equipment, as well as chemical acids and chemical acid spills, the Contractor shall conduct air monitoring at least every fifteen minutes, or at an interval approved by NYCDOT. Air monitoring may be conducted by several approved means including, but not limited to, a Jerome Mercury Vapor Analyzer (Gold Film), Four-gas Detector, Dragger tube, etc. The Contractor, for each incident or for any work performed under the contract, shall be responsible for documenting all remediation activities and all air monitoring data in a logbook. All logbooks or written documents shall become the property of NYCDOT.
- G. The Contractor, during all work under the Contract, must perform in a manner which minimizes, to the greatest extent practicable, the possibility of any materials entering into the water.
- H. Where directed by NYCDOT, or required by law, the Contractor shall provide waste characterization and profiling for each waste(s) specified for disposal. The Contractor shall prepare waste for proper containerization, labeling, weighing, manifesting, transport and disposal to a licensed and certified TSDF. All wastes identified for removal are to be weighed on an approved, certified weight scale by the Contractor, and witnessed by NYCDOT. All waste weights shall be logged into the logbook by the Contractor and signed by NYCDOT.

- I. Where directed by NYCDOT, or required by law, the Contractor shall perform all necessary and required sampling and analyses for all proposed monitoring, remediation, waste characterization, profiling, transportation and disposal work under the Contract. Sampling and analyses may be performed prior to remediation services.**
- J. The Contractor shall provide payment for, possess, and maintain all necessary Federal, State and local permits, licenses and certificates and shall submit copies to the NYCDOT for review and approval.**
- K. The Contractor shall provide NYCDOT with, at a minimum, written monthly reports due on the 15th of each month, on the progress of all remediation work, work schedule(s), labor force including title and number of employees employed at a work site, copies of all safety audits, safety inspections of the work site, inspection check lists, facility sign-in and sign-out sheets, equipment logs and check lists, equipment calibration information, etc. All original logbooks or written documents shall become the property of NYCDOT.**
- L. The Contractor shall have thorough knowledge of the Contract Specifications and applicable Federal, State and local government laws, rules and regulations governing any work to be performed under this Contract.**
- M. The Contractor shall be paid on a time and material basis with the overhead and profit percentage bid applied to all time and material costs approved by the Engineer as full compensation for all work performed. Payment for said work shall be made upon submission of proper invoice and the satisfactory submittal of all labor reports, material invoices, manifests, transportation, and disposal documentation, etc., and final acceptance by NYCDOT.**
- N. The Contractor shall perform the above-mentioned remediation and/or Emergency or Non-Emergency Response services on an emergency and/or “as needed basis”, for a period of two years. NYCDOT reserves the right to renew the Contract for an additional one (1) year.**

SECTION 4 – BIDDER QUALIFICATIONS AND EXPERIENCE

4.1 - QUALIFICATIONS

The Contract includes, but is not limited to, site inspection, remediation, Emergency or Non-Emergency Response, waste characterization, labeling, transportation, storage, and disposal of all hazardous and non-hazardous materials, substances, wastes, and bulk chemicals spilled and/or generated at NYCDOT facilities. The Contractor shall have thorough knowledge of all applicable Federal, State and local government laws, rules and regulations governing any work to be performed under this Contract. The Contractor and any approved Subcontractor(s), as required by law, must be appropriately licensed, trained, permitted and certified to perform such work.

- A. The On-Site Health and Safety Officer shall be a Certified Industrial Hygienist (“CIH”).**
- B. The Bidder must possess all Federal, State and local permits, licenses and certificates required for the handling, transportation and disposal of wastes.**

4.2 - EXPERIENCE

- A. The On-site Health and Safety Officer shall be competent and shall have adequate working experience in the environmental remediation and/or chemical waste disposal industry. The Officer’s experience must include at least five environmental remediation projects.**
- B. The Bidder and any Subcontractor that will provide sampling, analyses, remediation and disposal services shall be competent and shall have adequate work experience involving environmental remediation projects. Work experience must include experience with hazardous materials, hazardous and non-hazardous substances, wastes, and bulk chemical sampling, remediation, containerizing, labeling, transporting and disposal.**

4.3 - DOCUMENTATION

At the request of NYCDOT, the apparent low Bidder shall provide the information specified below and any additional information requested by NYCDOT concerning its experience to perform the work required under this Contract. In order to be considered responsible, the Contractor is required to provide the following information:

- A. The Bidder shall provide evidence that the On-site Health and Safety Officer is a**

CIH, and shall provide evidence of the On-site Health and Safety Officer's experience.

- B. The Bidder shall provide the name, certification and license of the organization to provide an On-site Health and Safety Officer during any and all required or NYCDOT identified remediation and/or Emergency or Non-Emergency Response activities.
- C. The Bidder and relevant Subcontractor(s) shall provide documentation that evidences adequate and appropriate work experience involving environmental remediation projects that include sampling, analyses, remediation, Emergency or Non-Emergency Response, waste characterization, transportation of wastes and disposal services. The Bidder and Subcontractor shall further provide documentation that attests to adequate and appropriate experience with hazardous and non-hazardous materials, substances, wastes and bulk chemical sampling, remediation, spill response, containerization, labeling, transporting and disposal.
- D. The Bidder shall provide copies of all Federal, State and local permits, licenses and certificates required for the packaging, handling, transportation and disposal of wastes to the NYCDOT for review and approval.

SECTION 5 – SITE VISITS-----

There are numerous sites throughout the City where hazardous and non-hazardous material, substance, waste, and bulk chemical remediation and/or Emergency or Non-Emergency Response work may be required.

The Bidder is advised that NYCDOT may direct the Contractor to perform work at any of NYCDOT's facilities in New York City. NYCDOT's facilities are located throughout the five boroughs. There will be scheduled site visits to some of the facilities, which may require remediation and the containerization, labeling, manifesting, transporting and disposal of hazardous and non-hazardous materials, substances, wastes, and bulk chemicals.

ALL POTENTIAL BIDDERS SHOULD CONTACT SHARON RUSSELL AT (212) 748-6632 TO DETERMINE THE DATES AND TIMES OF THE SITE VISITS.

All questions regarding the work to be completed under this Contract shall be directed to Ms. Sharon Russell in writing (or by facsimile at 212- 442-7449, at:

New York City Department of Transportation

40 Worth Street, Room 1228, 12th Floor
New York, New York 10013

Each bidder shall have the opportunity to visit sites where remediation and/or Emergency or Non-Emergency Response work may be required.

SECTION 6 - MANDATORY PRE-BID CONFERENCE

Each Bidder shall be required to attend a mandatory Pre-Bid Conference to familiarize themselves with the conditions of the work and potential work site(s). All questions regarding the work to be completed and/or potential work site(s) shall be directed to Ms. Russell and/or other NYCDOT personnel familiar with the Scope of Work, at the Pre-Bid Conference.

The Pre-Bid Conference shall be held at:

New York City Department of Transportation

**40 Worth Street, Bid Room, 8th Floor
New York, New York 10013**

SECTION 7 – DEFINITIONS

AIR MONITORING

Air monitoring is defined as the process of measuring the content of a specific volume of air in a stated period of time.

EMERGENCY CONDITION

An Emergency Condition is defined as an unplanned event, which has resulted in an un-contained hazardous material, hazardous substance or un-contained chemical spill, and in which there is an imminent threat to human health or the environment.

ENGINEER

For the purpose of this Contract, the term “Engineer” shall be defined as the NYCDOT agent or Project Manager who is authorized to exercise general Contract Administration and industrial hygiene inspection of the work under the direction of NYCDOT.

HALF MASK HIGH EFFICIENCY RESPIRATOR

A respirator, which covers one-half of the wearer’s face, from the bridge of the nose to below the chin, and is equipped with HEPA filters.

HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTER

A high efficiency particulate air (HEPA) filter capable of trapping and retaining 99.97 percent of the particulates of 0.3-micron size or larger in diameter.

HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTER EQUIPMENT

Vacuuming equipment containing a UL 586 HEPA filter system capable of preventing passage of a particulate with an efficiency of 99.97 percent of all particulates greater than 0.3-micron size.

FULL FACE - PIECE HIGH EFFICIENCY RESPIRATOR

A respirator that covers the wearer's entire face from the hairline to below the chin and which is equipped with a HEPA filter.

NON-EMERGENCY CONDITION

A Non-Emergency Condition is defined as an event, which has resulted in a contained spill or discovery of a contained hazardous material, hazardous substance or chemical and there is no imminent threat to human health or the environment.

PERMISSIBLE EXPOSURE LIMIT (PEL)

An 8-hour time weighted average as determined by OSHA Construction Standard 29 CFR 1926.65 or such subsequent revision as may be enacted during the course of operations under this contract.

PLASTICIZE

To cover floors and walls with plastic sheeting where necessary or as specified under this Contract.

POWERED AIR PURIFYING RESPIRATOR (PAPR)

Either a full face-piece, helmet, or hooded respirator that powers breathing air to the wearer after the air has been purified through a HEPA filter.

REGULATED AREA

An area established by the Contractor or NYCDOT to demarcate areas where abatement or remediation work is to be conducted, and any adjoining area where debris and waste from such work accumulate; and a work area within which airborne concentrations of

contaminants, exceed or there is a reasonable possibility they may exceed, the PEL.

REMEDIATION

Remediation may include, but not be limited to wiping, scraping, collecting, HEPA vacuuming, super vacuuming, etc., all visible hazardous wastes, hazardous and non-hazardous substances, bulk chemicals and oil, sludge on facility walls, floors, ceilings, floor plates, conduits, equipment, fore bays, and floor drains/holes, as specified by the Engineer.

REMOVAL

The act of removing and transporting hazardous materials, substances and/or bulk chemicals from the work area to a suitable, approved disposal site.

RESPONSE

A Response is defined as a timely arrival to the site of an Emergency or Non-Emergency Condition (no longer than 2 or 24 hours, respectively), where the Contractor has all necessary manpower, material, and equipment necessary to complete the tasks specified.

SURFACTANT

A chemical wetting agent added to water to improve penetration, thus reducing the quantity of water required for a given operation or area.

TIME WEIGHTED AVERAGE (TWA)

Airborne concentration of a contaminant averaged over an 8-hour workday to which an employee is exposed.

THRESHOLD LIMIT VALUE-CEILING (TLV)

Maximum concentration of substance to which one may be exposed.

WET CLEANING

The process of eliminating contamination from building surfaces and objects by using cloths, mops, or other cleaning tools which have been dampened with amended water or removal encapsulant and by afterwards disposing of these cleaning tools as contaminated waste.

WORK AREA

Designated rooms, spaces, or areas of the project where remediation and abatement actions are to be undertaken or which may become contaminated as a result of such actions. A contained work area has been sealed, plasticized, and equipped with an airlock entrance or a decontamination enclosure system. A non-contained work area is an isolated or controlled-access area, which has not been plasticized.

WORK ORDER

A Work Order is defined as documentation provided to the Contractor by NYCDOT for the request and performance of a work task at an identified facility. A Work Order may provide the following information: work site and location, request for work services or description of work to be performed, whether the work is to be performed on an Emergency or Non-Emergency Response basis, date of request, expected completion date of work, NYCDOT personnel assigned to the Work Order request and supervision of work, designated signature areas for NYCDOT and Contractor personnel attesting to the completion of an order, location of ultimate disposal site(s) for wastes generated by work, site constraints, site operation times and site or facility characteristics.

SECTION 8 – ABBREVIATIONS

Wherever in these specifications references are made to a technical society, organization, body or code, it is understood that they are in accordance with the following list:

AWWA	- American Water Works Association
ANSI	- American National Standards Institute
ASME	- American Society of Mechanical Engineers
ASTM	- American Society for Testing and Materials
IEEE	- Institute of Electrical and Electronic Engineers
NEMA	- National Electrical Manufacturer's Association
NIOSH	- National Institute of Occupational Safety and Health
NYCDOT	- New York City Department of Transportation
NYSDEC	- New York State Department of Environmental Conservation
NYSDOH	- New York State Department of Health
NYSDOL	- New York State Department of Labor
NYSDOT	- New York State Department of Transportation
OSHA	- Occupational Safety and Health Act
RCRA	- Resource Conservation and Recovery Act
TSCA	- Toxic Substance Control Act
UL	- Underwriters Laboratory, Inc.
USDA	- United States Department of Agriculture
USDOT	- United States Department of Transportation
USEPA	- United States Environmental Protection Agency

SECTION 9 – STANDARD REFERENCES

The work under the Contract shall conform to the laws, regulations and standards listed below to the extent referenced in this contract. The Contractor asserts by submission of a bid on this contract that all persons assigned to work on this contract are familiar with and will adhere to the standards referenced.

American National Standards Institute (“ANSI”):

ANSI Z88.2 - 1980 Respiratory Protection

ANSI Z9.2 - Design and Operation Of Local Exhaust Systems

Code of Federal Regulations (“CFR”) Publications:

29 CFR 1910.20 - Access to Employee Exposure and Medical Record

29 CFR 1910.120 - Hazardous Waste Operations and Emergency Response

**29 CFR 1910.134/29, CFR 1926.103 - Respiratory Protection
and Tags**

29 CFR 1910.1200 - Hazard Communication

29 CFR 1926.55 - Gases, Vapors, Fumes, Dusts, and Mists

29 CFR 1926.59 - Hazard Communication

40 CFR 50 - National Primary & Secondary Ambient Air Quality Standards

**40 CFR 61 Subpart A - EPA National Emission Standards for Hazardous Air
Pollutants (“NESHAPS”) - General Provision**

40 CFR 117 - Determination of Reportable Quantities of Hazardous Substances

40 CFR 171 - Standards for Transportation of Hazardous Materials

**40 CFR 172 - Hazardous Materials Tables and Hazardous Materials
Communication Regulations**

40 CFR 173 - General Requirements for Shipments and Packaging

40 CFR 178 - Shipping Container Specifications

40 CFR 260 - Hazardous Wastes Management Systems General

40 CFR 261 - Identification and Listing of Hazardous Waste

40 CFR 262 - Generators of Hazardous Wastes

40 CFR 263 - Transporters of Hazardous Wastes

**40 CFR 264/265 - Owners and Operators of Hazardous Waste Treatment, Storage,
and Disposal Facilities.**

**40 CFR 266 - Standards for the Management of Specific Hazardous Wastes and
Specific Types of Hazardous Waste Management Facilities.**

**40 CFR 267 - Interim Standards for Owners and Operators of New Hazardous
Waste Land Disposal Facilities**

- 40 CFR 268 - Land Disposal Restrictions**
- 40 CFR 270 - EPA Administered Permit Programs: The Hazardous Waste Permit Program**
- 40 CFR 302 - Designation, Reportable Quantities and Notification**
- 40 CFR 745-225 - U.S. Department of Health and Human Services, National Institute for Occupational Safety & Health (NIOSH)**
- 40 CFR 761- Polychlorinated Biphenyls (“PCBs”) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions**

U.S. Environmental Protection Agency:

- A. SW-846- Test Methods for Evaluating Soil Waste Physical/Chemical Methods**
- B. Method 7082 - Test Methods for evaluating solid wastes**

New York State Environmental Conservation Laws:

- A. NYS DOH Environmental Laboratory Approval Program (“ELAP”)**
- B. NYS/DEC 6 NYCRR Part 364- Waste Transporter Permits**
- C. NYS/DEC 6 NYCRR Part 370- Hazardous Waste Management System - General**
- D. NYS/DEC 6 NYCRR Part 371- Identification and Listing of Hazardous Wastes**
- E. NYS/DEC 6 NYCRR Part 372- Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities**
- F. NYS/DEC 6 NYCRR Part 373- Hazardous Waste Management Facilities**
- G. NYS/DEC 6 NYCRR Part 374 - Management of Specific Hazardous Waste**
- H. NYS/DEC 6 NYCRR Part 376 - Land Disposal Restrictions**

SECTION 10 - DEVELOPMENT, IMPLEMENTATION AND ENFORCEMENT OF HEALTH AND SAFETY PLANS (HASPs)

10.1 – WORK INCLUDED

For Emergency and/or Non-Emergency Response conditions and where remediation work is identified by NYCDOT and required under this Contract, the Contractor shall develop and implement a written Health and Safety Plan (“HASP”) conforming to the requirements of the Occupational Safety and Health Association (“OSHA”) 29 CFR 1910.120 and 1910.1025 regulations, as specified in this SECTION.

Each plan, when required, shall incorporate at a minimum, the following general sections:

1. Organizational structure;
2. Health and Safety Officer;
3. Health and Safety Training;
4. Medical Surveillance Program;
5. Health and Safety Standard Operating Procedures;
6. Emergency Contingency Plan;
7. Emergency Response Plan; and
8. Levels of Personal Protective Equipment.

The HASPs shall be submitted by the Contractor to the NYCDOT as soon as practicable for review and approval and shall be implemented by the Contractor as approved by NYCDOT. Hazardous materials, substances, wastes and bulk chemicals at specific sites may include, but not be limited to, petroleum, ethylene glycol, liquid asphalt, mercury, PCBs, oil, asbestos, arsenic, lead, sodium hydroxide, Hydrofluosilicic acid, copper sulfate, aluminum sulfate, paints, paint thinners, and cleaning agents, etc. and shall be addressed appropriately in the HASP. (Change list)

The Contractor, at its sole expense, shall provide materials, equipment and training to his/her site employees involved in the activities of this Contract to ensure their protection from all identified hazards.

Each site-specific HASP developed shall be kept at the location to which it pertains and shall address the specific safety and health hazards of each phase of work at the site. It shall include the requirements and procedures for protection of all on-site personnel, including NYCDOT personnel and others not employed by the Contractor. Each site-specific HASP shall include, at a minimum, the following:

1. A thorough health and safety risk assessment shall be performed for each site proposed for Emergency and/or Non-Emergency Response, remediation and operations. Appropriate samples and analysis are to be completed by the Contractor to completely establish the presence and degree of any hazards that may be encountered during the course of work at the site;
2. Employee training assignments to assure compliance with the HASPs;
3. Personal Protection Equipment (“PPE”) to be used for each site’s tasks and operations;
4. Frequency and type of air monitoring, personnel monitoring, and environmental sampling, including techniques and instruments to be used;
5. Maintenance and calibration of monitoring and sampling equipment;

6. **Emergency Contingency Plan;**
7. **Decontamination procedures;**
8. **An Emergency Response Plan for safe and effective responses to emergencies. This shall include a list of Contractor provided PPE and other emergency equipment;**
9. **Confined Space Entry procedures, if entry into site-specific confined spaces is anticipated or requested by NYCDOT;**
10. **A spill containment protocol; and**
11. **Lock-out/tag-out procedures, where applicable.**

The Contractor, at its sole expense, shall institute proper safeguards for the protection of his/her employees, the employees of the NYCDOT and any other personnel at the work site. The contractor's site personnel shall perform all work activities in accordance with the HASP for each site developed under this contract.

If any Federal, State or local government agency determines inadequacies in the Contractor's HASP, as described above, the Contractor shall implement corrective measures, to the satisfaction of the governing agency and/or NYCDOTEP, at no additional cost to NYCDOT.

10.2 – ORGANIZATIONAL STRUCTURE

Where directed by NYCDOT, the Contractor shall develop an Organizational Structure establishing the specific chain of command and specific relative roles of Contract personnel and the NYCDOT personnel, which shall administer and utilize the HASPs. The Contractor's authority regarding the environmental hazards in setting the procedures of the work under the Contract is such that the Contractor can stop work if the life and/or health of a person is in immediate danger. After stopping the work, the Contractor shall immediately notify and inform the NYCDOT concerning the perceived danger. The Contractor shall resume the work when the danger has been abated, upon the direction of the NYCDOT.

At a minimum, the Organizational Structure for the HASP shall include the following elements:

1. **A Project Manager having the responsibility and authority to direct all operations;**

2. **An On-Site Health and Safety Supervisor having the responsibility and authority to develop and implement the HASP and verify compliance;**
3. **All other personnel required for site operations, emergency response, remediation and their general functions and responsibilities; and**
4. **The lines of authority, responsibility and communication.**

The Organizational Structure shall be reviewed and updated monthly to reflect the current status of specific site operations. If the Organizational Structure fails to meet Federal or State Regulations, the Contractor shall correct the inadequacies at no additional costs to the NYCDOT.

10.3 – HEALTH AND SAFETY OFFICER

The Contractor, at its sole expense, shall be responsible for the health and safety of all personnel working at or entering the work site. Where it is required by NYCDOT due to the nature and proposed duration of the work, a full time Health and Safety Officer (“HSO”) shall be provided by the Contractor for the duration of the work, under a Work Order. The HSO shall be required to be on site when hazardous material remediation work is being performed. The HSO shall be primarily responsible for the implementation and enforcement of the HASP and Emergency Contingency Plan.

The HSO shall have completed all training, at his/her sole expense, as required by OSHA. The HSO shall be competent and shall have adequate working experience in the chemical industry or chemical waste industry and shall be a CIH with adequate related service and experience. The HSO shall have a working knowledge of Federal, State Occupational Safety and Health Regulations and formal educational training in Occupational Safety and Health. The HSO shall be approved by the Engineer prior to starting work at any site involving hazardous materials.

The Contractor may provide a list of alternate Health and Safety Officers, all of whom shall be approved by the NYCDOT, during the progression of the work. The primary HSO shall not be replaced without the approval of the NYCDOT. In addition to meeting the above-mentioned qualifications, the HSO shall be:

1. **Responsible for the implementation, enforcement and monitoring of the HASP for each work site;**
2. **Responsible for all required training of all Contractor personnel entering and/or working at each site with regard to the HASP and other safety requirements;**
3. **Responsible for alerting the Engineer prior to the start of hazardous work at each site; and**
4. **Responsible for the maintenance of the separation of the work areas, decontamination areas and clean areas.**

The HSO shall be responsible for and provide all workers with Material Safety Data Sheets (MSDS) for all identified chemicals and for informing all workers on site of potential hazards, personal hygiene principles, personal protection equipment, respiratory protection equipment usage and fit testing, and emergency procedures including fire and medical situations.

Additional training of the HSO as required by changes in Federal, State and/or local government laws and regulations shall be performed by the Contractor at no additional cost to the NYCDOT.

10.4 – HEALTH AND SAFETY TRAINING

The Contractor, at its sole expense, shall provide mandatory OSHA Health and Safety Training, in accordance with 29 CFR 1910.120 and 1910.1025 and a minimum of three days field experience under the direct supervision of a trained and experienced environmental supervisor to all Contract personnel involved in the field work under this Contract.

A written Certificate of Completion shall be given to all persons trained and certified in the Health and Safety Training. An eight-hour refresher-training course shall be provided on an annual basis for all personnel involved in the work under this Contract and all additional training required by Federal, State or local government Regulations, or training of new Contract personnel, shall be conducted at no additional cost to NYCDOT.

10.5 – SAFE-WORKING CONDITIONS

In prosecuting the work under this Contract, the Contractor shall provide working conditions at the site that are as safe as possible under the circumstances. The various operations connected with the work shall not be unsafe or injurious to health or safety.

The Contractor, at a minimum, shall comply with all laws, regulations and published recommendations of the New York State Department of Labor (“NYSDOL”) and all laws, regulations and recommendations issued pursuant to the Federal Occupational Safety and Health Act (OSHA) of 1970, NIOSH and the Construction Safety Act of 1969, as amended, and with laws, rules, and regulations of other authorities having jurisdiction, with regard to all matters relating to safe and healthful working conditions.

Compliance with governmental requirements is mandated by law and considered only a minimum level of safety performance. All work shall also be performed in accordance with safe work practices.

The Contractor shall maintain a satisfactory system of inspection and take whatever

prudent precautions as necessary to eliminate accidents.

The Contractor shall enforce all laws and regulations for the safe prosecution of the work to avoid preventable accidents and to prevent injuries to Contractor or NYCDOT personnel.

The Contractor shall be responsible for the safety of the Contractor's employees, the public, and all other persons on or about the site of the work. The Contractor shall be solely responsible for the adequacy and safety of all methods, materials, equipment and the safe prosecution of the work.

The contractor, at its sole expense, shall provide all personnel in the work areas, with at a minimum, Level D PPE, with the ability to upgrade to Level C PPE or Level B PPE where necessary. Contractor personnel involved in the remediation and clean-up activities shall be trained in the use of Level C PPE. If Level B PPE or higher protection is required, the Contractor shall provide personnel appropriately trained and currently certified in the use of such PPE to conduct and complete all necessary work activities.

The Contractor, shall provide all equipment and services necessary to monitor the air (e.g. Jerome Meter, Four Gas Detector, etc.) at the work sites and under different conditions, depending upon the type of work being performed. The Contractor shall promptly notify NYCDOT of any immediate health hazard determined through monitoring operations. The Contractor shall maintain all monitoring records securely and transmit them to NYCDOT regularly, and to any and all regulatory authorities as required or requested. The Contractor shall perform all monitoring as detailed in this contract, as approved by the Engineer and in accordance with OSHA Standards.

The Contractor shall be responsible for the safety, efficiency and adequacy of his/her equipment and for damage that may result due to their improper maintenance or operations.

Due to the nature and duration of a proposed remediation activity, the Contractor, at the direction of NYCDOT, shall employ a properly qualified safety person familiar with all work under this contract whose duties shall be to initiate, review and cause implementation of measures for the protection of health and prevention of accidents. After the Contract has been awarded, the Contractor shall submit the name of a safety person, employed by the Contractor, responsible for project safety management. A resume of the qualifications of the safety person must be submitted to the Engineer for review. This resume shall include such items as: experience, education, relevant safety courses completed, safety conferences attended and certification and registrations. Qualifications of the safety person must include an adequate number of years of construction remediation experience, with sufficient experience related to safety management. Documentation and/or personal references confirming the qualifications may also be required. The person proposed for

this position may be rejected by the Engineer for failure to have adequate qualifications or other cause.

The safety person shall be completely experienced with and knowledgeable of all applicable health and safety requirements of all governing laws, rules and regulations as well as a good safety practice. He/she shall have the authority to ensure compliance with the same, to enforce safety precautions and programs and to take immediate action to correct unsafe, hazardous, or unhealthful conditions. Where directed by the NYCDOT, the safety person must be on the job at all times while response or remediation work is in progress. The safety person shall have a documented safety-training program, and shall have a safety work method checklist system. The Contractor shall stop work whenever a work procedure or condition at a work site is deemed unsafe by the safety person.

The safety person shall be provided with an appropriate location on the job site by the Contractor to maintain and keep available safety records, up-to-date copies of all pertinent safety rules, regulations and governing legislation, MSDSs, and the site safety plan including information concerning foreseeable emergency conditions, location of emergency and telephone contacts for supportive actions and all required notifications.

The Contractor shall prepare a specific site safety plan, which may be separate or different from the HASP, before the start of any remediation. The plan shall be available to workers on site and shall be submitted to the Engineer before the beginning of any fieldwork

The safety plan shall, at a minimum, identify and describe the hazards anticipated, delineate control measures required, establish a safety training program and develop the necessary safety check list forms specific to the work methods and crews performing work at various locations.

The plan shall, at a minimum, identify:

- 1. Specific work areas and procedures and their anticipated hazards;**
- 2. Control measures to protect workers from those hazards;**
- 3. Surveillance methods, and schedules of both walk-through surveys and in-depth safety audits to be performed on site;**
- 4. Areas requiring PPE, types of PPE, and availability of PPE on site;**
- 5. Medical monitoring and screening methods;**
- 6. Fire prevention and protection plans;**
- 7. Emergency response procedures; and**
- 8. Copies of safety inspection check-off sheets to be used on a regular basis in evaluating the site and work methods.**

The safety person shall, at a minimum:

- 1. Schedule and conduct safety meetings and safety training programs as required by law, the safety plan, and good safety practice. A specific schedule of dates of these meetings and an outline of subjects to be covered shall be provided with the safety plan. The Engineer shall be advised in advance of the time and place of such meetings. NYCDOT personnel shall be invited to attend the meetings. All employees shall be instructed in the recognition of hazards, observance of precautions, the contents of the safety plan and the use of protective and emergency equipment.**
- 2. Determine that operators of specific remediation equipment are qualified by training and/or experience before they are allowed to operate such equipment.**
- 3. Develop and implement emergency response procedures. Make prior arrangements with and post the name, address and hours of a nearby medical doctor; name and address of nearby clinics and hospitals, and the telephone numbers of the appropriate ambulance service, fire, police department and other emergency response entities.**
- 4. Post all appropriate notices regarding safety and health regulations at locations of potential exposure during remediation activities, informing all personnel at the job site.**
- 5. Post appropriate instructions and warning signs in regard to any hazardous areas or conditions, which cannot be eliminated. Identification of these areas shall be based on experience, on site surveillance, and on severity of hazard. Such signs shall not be used in place of appropriate workplace controls.**
- 6. Ascertain by personal inspection that all safety related laws, rules and regulations are enforced. Make inspections of all workplaces at least once a shift to ensure that all machines, tools, and equipment are in safe operating condition, and that all work areas are free of hazards. Take necessary and timely corrective actions to eliminate all unsafe acts, practices and/or conditions, and submit to the Engineer a copy of his/her findings on the inspection check list report forms established in the safety plan.**
- 7. Submit to the Engineer copies of all safety inspection reports and citations from regulating agencies and insurance companies within one workday of receipt of such reports. Prepare response, if necessary, to all safety inspection reports and citations from regulating agencies and insurance companies.**
- 8. Perform all related tasks necessary to achieve the highest degree of safety that the nature of the work permits.**

The Contractor shall have proper emergency and rescue equipment adequately maintained and readily available for any foreseeable contingency.

This equipment shall include such applicable items as: proper fire extinguishers, first aid supplies, safety ropes and harnesses, stretchers, water safety services, oxygen breathing apparatus, resuscitators, gas detectors, oxygen deficiency indicators, combustible gas detectors, etc. This equipment should be kept in protected areas and checked at scheduled intervals. A log shall be maintained indicating who checked the equipment, when it was checked, and that it was acceptable. This equipment log shall be updated monthly and be submitted with the monthly report. Equipment that requires calibration shall have copies of dated calibration certificates on site. Substitute safety and rescue equipment must be provided while primary equipment is being serviced or calibrated.

The Contractor shall promptly report to the Engineer all accidents involving injury to personnel or damage to equipment and structures as specified in the Contract, investigate these accidents, prepare required reports, and submit a monthly summary of these accidents. The summary report, due by the 10th day of the following month, shall include a description of corrective actions to reduce the probability of similar accidents. In addition, the Contractor shall furnish to the Engineer a copy of all accident and health or safety hazard reports received from OSHA or any other government agency within one day of receipt.

In addition to the reports which the Contractor is required to file under the provisions of the Workman's Compensation Law, he/she shall submit to the Engineer on or before the 10th day of each month a report giving the total force employed on this contract in man-days during the previous calendar month, the number and character of all accidents resulting in loss of time or considered recordable by OSHA, and any other information on classification of employees, injuries received on the work, and disabilities arising there from that may be required by the Engineer. The submittal shall also contain an audit report for the prior month, including the safety training conducted, the above equipment logs, records of the condition of the work areas, safety and health records, OSHA and ANSI Z16.1 incidence rates for frequency and severity of recordable accidents, and an evaluation of the effectiveness of the safety plan with any changes necessary. The safety professional and the Contractor shall sign this audit report.

All personnel employed by the Contractor or his subcontractors or any authorized visitors whenever entering the job site, any shaft, or confined space shall be required to wear appropriate PPE for that area. The Contractor shall provide all necessary PPE for the Engineer or his/her designated representatives.

The Contractor shall submit a copy of the Contractor's Preparatory Preliminary Inspection, and Safe Work Practice Procedures for all vehicles used to perform work under this Contract to the Engineer for review and approval.

The Contractor shall certify in writing that each Contract employee is instructed in the potential for fire, explosion or toxic release hazards related to the work performed under this Contract.

10.6 - MEDICAL SURVEILLANCE

The Contractor, at its sole expense, shall utilize the services of an attending physician to provide examination and surveillance specified herein for his/her own personnel. The name of the physician and evidence of examination shall be provided to NYCDOT for review and approval prior to allowing any person to perform work at any site under this Contract. The physician shall provide medical clearance to certify that each individual has the physical ability to perform his work assignment, including the use of respiratory devices. Records of all respirator fit tests shall also be maintained and provided to NYCDOT. All personnel directly involved in Contract fieldwork shall be provided with medical surveillance within five days prior to commencing work.

Medical surveillance protocol shall be the Physician's responsibility and shall meet the requirements of OSHA Standards 29 CFR 1910.120 and 1910.1025. The following protocol shall be considered as a minimum, with additional testing included at the discretion of the examining physician:

1. Medical history;
2. General physical;
3. Pulmonary function;
4. Electrocardiogram, 20 channel;
5. Blood profile;
6. CBC;
7. Urinalysis;
8. Stress test (for individuals over 35 years of age);
9. Chest x-ray (number of x-rays shall be at the discretion of the Physician);
10. Methemoglobin;
11. Urine heavy metals;
12. Serum lead;
13. Visual acuity;
14. Otoscopic acuity;
15. Tetanus vaccination; and
16. Serum cholinesterase.

Medical examinations shall be performed on each individual Contract worker involved in the Contract fieldwork as follows:

1. Prior to assignment;

2. **At least once every twelve months unless the attending physician recommends a longer interval as appropriate, but no greater than every twenty-four months;**
3. **At termination of employment or reassignment to an area where the individual would not be covered if that individual has not yet had an examination within the last six months;**
4. **As soon as possible upon notification by an individual having developed signs or symptoms indicating possible overexposure to any hazardous materials, health hazards or that the individual has been injured or extensively exposed above the PEL or published exposure levels in an emergency situation; and**
5. **At more frequent intervals if the examining physician determines that an increased frequency of examination is required.**

Additional medical surveillance, if required, shall be performed by the Contractor at no additional cost to NYCDOT.

10.7 – HEALTH AND SAFETY STANDARD OPERATING PROCEDURES (SOPs)

Where required or directed by NYCDOT, the Contractor, at its sole expense, shall develop SOPs and hazard communication programs meeting the requirements of OSHA Standard 29 CFR 1910.120 and 1910.1025 as part of the Contractor's Safety Program. SOPs shall be developed to minimize employee contact with hazardous materials or with equipment that has been contaminated with hazardous materials.

All individuals leaving a contaminated area shall be appropriately decontaminated. A decontamination procedure shall be developed, communicated to Contract employees and implemented before any person or equipment may enter areas on the site where potential for exposure to hazardous substances exists. Decontamination procedures shall be monitored by the Site Health and Safety Supervisor to determine their effectiveness. When such procedures are found to be ineffective, appropriate steps shall be taken to develop and implement effective procedures at no extra cost to NYCDOT.

Personal decontamination for each work site shall be performed in an area, which shall minimize the exposure of uncontaminated individuals or equipment to contaminated personnel or equipment. Decontamination shall be performed in an area immediately adjacent to the work area as practical.

The Contractor shall provide to the Engineer, prior to commencement of work, MSDSs in accordance with the New York State Right-to-Know Law and the Federal OSHA Hazard Communication Standard 29 CFR 1200 for chemically based substances to be used in the

course of the work. Failure to provide relevant MSDS information shall be a material breach of the Contract and may result in the termination of the Contract for cause.

10.8 – CONTINGENCY AND EMERGENCY RESPONSE PLANS

The Contractor, where required and directed by NYCDOT, at its sole expense, shall submit written Emergency Contingency and Emergency Response Plans for each work site proposed for hazardous waste and hazardous substance remediation, to the NYCDOT for review and approval. It shall provide contingencies for all anticipated emergencies prior to the commencement of work activities at any work site, and shall be developed as a separate section of the HASP. Evacuation procedures shall be outlined in both the Emergency Contingency and Emergency Response Plans.

The Contractor shall designate a Team Leader and organize team workers who shall be trained to respond in the event of an accident, fire, or any other emergency. Members of the Emergency Response Team shall be employees of the Contractor. They shall be knowledgeable in evacuation procedures and would be the first to respond in the event of an emergency.

A telephone list, developed strictly for emergency purposes, shall be established for use by the Emergency Response Team and NYCDOT.

10.9 – LEVELS OF PERSONAL PROTECTIVE EQUIPMENT (PPE)

Where required, Personal Protective Equipment shall be specified by the Contractor and approved by the Engineer. The purchase, maintenance, storage, decontamination and disposal of all PPE specified under the Contract, whether used by the Contractor or NYCDOT personnel, shall be the responsibility of the Contractor. Training and fitting of the Contractor's employees shall be the responsibility of the Contractor and at its sole expense.

At a minimum, all work shall be performed in Level D protection, which shall consist of hard hats and safety boots with steel toes and shanks.

When dermal protection with no respiratory protection is required because of wet weather or other conditions mutually determined by the Engineer and the Contractor's Health and Safety Officer, a modified Level D protection shall be required. This shall consist of all items used for Level D and in addition, Tyvek coveralls, disposable latex inner gloves, Silver Shield outer gloves, and disposable skid-proof booties. Level D PPE shall be donned when performing work for which no contaminants are deemed present and no inhalation of chemicals is anticipated. The Contractor shall provide all PPE for modified Level D or higher to his/her employees as specified above.

Hazardous materials, hazardous substances and hazardous bulk chemical decontamination work or work which potentially involves skin contact shall be performed in Level C PPE, unless it can be proven to the Engineer, through continuous air monitoring, that the vapor concentration is below the PEL for that particular contaminant and that no potential for direct contact with that contaminant exists. Level C PPE requires taping between the coveralls and boots and between the coveralls and gloves. Contractor personnel shall be outfitted with Level C PPE when deemed necessary by the Contractor and/or Engineer. At levels below OSHA Standards, half-face or full-faced respirators with approved cartridges for vapors shall be used.

If Level B PPE or higher protection is required, the Contractor shall provide personnel appropriately trained and currently certified in the use of such PPE to conduct and complete all necessary work activities.

When remediation or Emergency or Non-Emergency response is required and identified by NYCDOT, the Contractor shall furnish to its personnel, respirators approved by the National Institute for Occupational Safety and Health (“NIOSH”) and the Department of Health and Human Services (“DHHS”). All personnel engaged in the removal of contaminated material shall be furnished, at a minimum, with a self-contained breathing apparatus, half-mask High Efficiency Particulate Air (HEPA) filter, cartridge filter respirators or full face Powered Air-Purifying Respirators (PAPR), until the HSO establishes the PEL or the time weighted average, (TWA), of airborne concentration of a contaminant. Once the TWA has been determined, the Contractor may modify respiratory protection as outlined in 29 CFR 1926.62 after approval of the revised plan by the Engineer. However, the use of a half-mask, HEPA cartridge filter respirator, full-faced PAPR, or equivalent must be maintained at a minimum throughout all abatement and other operations involving hazardous materials.

Used PPE shall not be reused and when removed, shall be placed inside containers designated for that purpose. Ineffective, torn or damaged PPE shall be replaced immediately with effective PPE of sufficient quality as approved by the Engineer.

Where applicable, and where required due to the nature and duration of proposed site remediation, a decontamination trailer with hot water wash facilities and showers shall be provided by the Contractor for use by Contractor personnel. All water and electrical connections are the responsibility of the Contractor. All wastewater from the showers shall be stored and disposed of separately from any contaminated tool wash water waste.

The Contractor, at its sole expense, shall provide a facility for cleaning contaminated tools and miscellaneous contaminated items. Wastewater from this facility shall be stored separately from the shower wastewater generated by employees, and disposed of by the contractor.

The Contractor shall be responsible for the disposal of all contaminated solids, including discarded PPE and all contaminated and non-contaminated waste and wash water generated under this Contract.

The Contractor shall insure that all personnel entering the work sites observe and adhere to the personal hygiene related provisions stated in and specific to the HASP. Personnel found to be disregarding personal hygiene related provisions shall be barred or prohibited from the work site(s).

SECTION 11 - EMERGENCY RESPONSE, SPILL CONTAINMENT, AND REMEDIATION

11.1 – PRIMARY CONTAINMENT

Where an Emergency Response, Non-Emergency Response, or remediation is identified by NYCDOT, a Primary Containment System or Encapsulation Area shall be utilized by the Contractor to prevent the spread of contaminated wastes or materials from or within a facility into the environment. The Primary Containment System shall isolate, to the best extent practical, the area of the spill. This Primary Containment System shall have a retention capacity for all fluids.

The Primary Containment materials must, at a minimum consist of thirty millimeter, oil resistant polyethylene liner. The contractor shall maintain adequate levels of spill containment materials including, but not limited to, 1000 square feet of thirty-millimeter, oil resistant polyethylene liner; (100 each) chemical absorbents pads; (500 each) petroleum absorbent pads; (100 each) 10 feet petroleum absorbent booms; (100 each) HAZWIK 12 feet absorbent socks; (100 each) of 18” x 18” HAZWIK absorbent pillows; and (200 each) 55-gallon hazardous material storage bags. The Contractor shall provide NYCDOT with a complete stock of the spill containment materials listed in this SECTION above at the completion of the two-year contract. Provisions must be made for recovery of any spilled fluid or other waste residuals from the Primary Containment System or Encapsulation Area in a timely manner.

11.2 - FLOOR CONTAINMENT

The purpose of floor containment is to control spilled material and to provide for a large enough work area for the successful completion of Preliminary Decontamination and remediation tasks. The containment system shall contain the release of fluids or other waste residuals generated from the remediation tasks and prevent further contamination to the general floor space of the facility. Floor Containment shall consist of, at a minimum:

- 1. 30 millimeter (minimum) low density polyethylene liner; and**
- 2. Emergency spill supplies suitable to the waste residuals anticipated.**

All Floor Containment Systems shall be in place prior to the initiation of any and all remediation and or clean-up activities scheduled. It should be maintained in place until the remediation and removal tasks are completed. Any waste residuals found in the Containment System(s) shall be collected, handled and disposed of as Resource Conservation and Recovery Act (RCRA) or Toxic Substance Control Act (TSCA) regulated wastes.

11.3 – MAINTENANCE OF DECONTAMINATION SYSTEMS

While Preliminary Decontamination will provide a degree of protection from spillage during remediation and clean-up activities, additional isolation measures must be undertaken to minimize the risk of releases during the remediation and clean-up activities.

During the physical remediation and waste removal, extra care shall be taken to prevent loss of integrity or damage to the Containment Systems. Damaged linings shall be replaced immediately upon discovery of the damage, unless otherwise authorized by the Engineer.

11.4 – CONTRACTOR RELATED LEAKS AND SPILLS

The Contractor shall be responsible and shall bear the cost(s) for cleaning up any leaks or spills that might occur as a result of the Contractor's work and shall be responsible for related testing, cleanup, removal, transport and proper disposal of contaminated material.

The Contractor shall provide timely notification as soon as practicable, but in no event longer than two hours of such incidents to the NYCDOT and to all others as may be required by Federal, State and local laws or regulations.

Should hazardous vapor concentrations exceed OSHA and/or NIOSH Standards and the PEL for an identified hazardous material, the Contractor will use administrative means, engineering controls, and/or PPE prior to continuing the work.

Where spills or leaks occur during Contract work, containment areas shall be installed as directed or approved by the Engineer. These areas at a minimum shall include a 30-mil minimum low-density polyethylene liner with a suitable floor base or an alternate containment system as approved by the Engineer. If utilized for containment, the liner shall be resistant to the chemicals and solvents approved for the work and shall be impermeable to air, dust, and water. The Contractor shall maintain the containment areas in a functional condition throughout the project duration and immediately repair all rips, breaks, and tears in the covering.

Upon completion of the work, all material and components associated with the containment structures shall be handled as hazardous materials and disposed of accordingly.

11.5 – REMEDIATION OF HAZARDOUS MATERIALS, HAZARDOUS AND NON-HAZARDOUS SUBSTANCES AND BULK CHEMICALS

At the direction of NYCDOT, the contractor shall remove all visible hazardous materials and hazardous and non-hazardous substances from spill areas including, but not limited to, walls, floors, ceilings, floor plates, equipment, tanks, conduits, forebays, and floor drains/holes, as specified. All such substances including hazardous and non-hazardous materials and other contaminated debris, garbage, oil, etc. are to be stored in appropriately labeled drums for waste characterization, disposal, removed and properly disposed of.

Remediation may include, but not be limited to wiping, scraping, collecting, HEPA vacuuming, super vacuuming, etc., all visible chemicals and oil(s), sludge(s) potentially containing polychlorinated Biphenyls (PCBs) on facility walls, floors, ceilings, floor plates, conduits, equipment, forebays, and floor drains/holes, as specified. All waste including, but not limited to, oil, sludge, PCBs and mercury and PCB mixed waste, asbestos and other hazardous materials are to be stored in appropriately labeled drums, characterized, removed and properly disposed of.

Remediation will be considered complete upon review and approval of the Engineer. The Engineer may, at his or her sole discretion, conduct a post remediation inspection for the purposes of final site acceptance.

11.6 – ENVIRONMENTALLY SAFE WASH AND DEGREASER

For remediation and Emergency or Non-Emergency response purposes, and where applicable (dependent upon contaminant scheduled for removal) the Contractor shall utilize only United States Department of Agriculture (“USDA”) approved, biodegradable, non-toxic, non-abrasive and non-flammable all-purpose degreaser and cleaner as specified in this contract.

The name of the degreaser, including a MSDS for the cleaning agent, shall be delivered to the Engineer prior to the Notice to Commence Work for review and approval prior to use by the Contractor.

The Contractor shall ensure that the all-purpose degreaser/cleaner is safe for the environment, and adequately removes oils, lubricants, grease, grime and sludge from washable surfaces. The specified degreaser/cleaner shall meet Federal Clean Air Act requirements, shall be listed on the USEPA National Contingency Plan (“NCP”) as a surfacing washing agent, shall be exempt from OSHA and USEPA requirements for special handling or personal protection from hazardous materials, and shall be USDA authorized. The degreaser/cleaner utilized for work under this Contract shall meet, at a minimum, all material safety data as specified in the MSDS for BioSolve, or equal.

11.7 – COMPLETION OF REMEDIATION AND CLEAN-UP OF REMEDIATION AREAS

Upon completion of the remediation and clean-up of remediation areas, all residual liquid, wastes and debris on the Containment Systems shall be collected, labeled and disposed of properly. The Containment Systems shall be disassembled, removed and disposed of in accordance with all applicable Federal, State and local laws and regulations. The removal of the Containment Systems shall be done with extreme and proper care as not to contaminate the facility or existing equipment in the facility.

11.8 – POST-REMEDATION INSPECTION AND FINAL SITE ACCEPTANCE

After remediation has been completed and approved by the Engineer, post-remediation inspections may be conducted by the NYCDOT and the Contractor at the sole discretion of the NYCDOT.

Post-remediation inspections shall consist of, at a minimum, vapor monitoring and a visual inspection of the remediation areas for signs of all visible hazardous materials, substances and bulk chemicals. It is the Contractor's responsibility to initiate additional remediation activities of the remediation areas should the presence of such visible materials and substances be detected. Should additional remediation be required, the Contractor shall perform such remediation at no additional cost to NYCDOT.

SECTION 12 - MONITORING, SAMPLING, AND ANALYSES

12.1 -AIR MONITORING

Air Monitoring is defined as the processing of measuring the content of a specific volume of air in a stated period of time. Personal air sampling results shall be calculated to reflect the employee's eight-hour time weighted average (TWA) exposure or excursion level. Area sampling results are reported directly, without calculation being made to the TWA.

Where Emergency or Non-Emergency response and/or the remediation of a specified contaminant is required, and at the direction of NYCDOT, the Contractor shall perform continuous air monitoring. Air Monitoring shall be conducted in accordance with the Contract and the HASP for each site. Where required, the Contractor shall monitor a work area at a minimum interval of every fifteen (15) minutes, or at other time intervals directed by the Engineer, to verify the areas as being safe from harmful levels of vapor concentrations (of a contaminant of concern). As part of all removal and remediation work, continuous air monitoring shall be performed using Contractor supplied vapor analyzers and gas detectors as specified in this Contract. The vapor analyzers and gas detectors shall be properly maintained and calibrated by the Contractor during the entire period of the Contract.

12.2 - AREA MONITORING

Where requested or required at the direction of NYCDOT, the contractor shall sample for hazardous and non-hazardous materials and substance concentrations within and outside the remediation area and inside the physical boundaries, which is representative of the airborne concentrations, which may reach the breathing zone of personnel potentially exposed to a hazardous material or substance.

12.3 – SAMPLING

Where requested or required at the direction of NYCDOT, the Contractor shall perform all necessary and required sampling and analyses for all proposed monitoring, remediation, waste characterization, profiling, transportation and disposal work under the Contract. Sampling and Analyses may be performed prior to clean up, after clean up and, if necessary, after a repeat clean.

Any laboratory tests or sample analyses required by 6-NYCRR and for which the Commissioner of the NYSDOH issues certificates of approval, must be performed by a laboratory certified to perform such tests pursuant to the NYSDOH's Environmental Laboratory Approval Program (ELAP). The Contractor shall submit to NYCDOT, the laboratory name, location and appropriate ELAP certification for review and approval prior to performing any and all sample analyses.

SECTION 13 - DECONTAMINATION

13.1 - DECONTAMINATION AREA

Where required, and at the direction of NYCDOT, a decontamination area located within or outside of a specified facility shall be identified by the Contractor and approved by NYCDOT during and following pre-remediation inspection.

Where required, the Contractor shall provide temporary, weatherproof decontamination enclosures or trailer, portable, at specified sites, or at locations directed by the Engineer.

A decontamination enclosure, portable, is defined as a series of connected rooms for the purposes of decontamination of workers (a Personnel Decontamination Enclosure System) or of materials and equipment (Equipment Decontamination Enclosure System).

The construction and operation of these enclosures must comply with all applicable Federal, State and local laws, rules and regulations, and will be subject to NYCDOT approval.

In addition, if NYCDOT anticipates that equipment and supplies storage space for the Contractor will be required outside of the specified facility location, NYCDOT will identify

the area(s) to be set aside for such storage during the pre-remediation site inspection.

All potable, non-potable water and wastewater provisions and connections are the responsibility of the Contractor.

The decontamination area shall include warm potable water for hand washing. Upon completion of initial employee exposure assessment, the Contractor shall adjust the control area requirements in accordance with 29 CFR 1926.62.

The Contractor shall provide eye protection for personnel. Eating, smoking, or drinking shall not be permitted in the decontamination area. NYCDOT personnel shall be permitted to enter the area in the event of an emergency.

The Contractor shall erect conspicuous warning signs at approaches to the decontamination areas. The signs shall be located at such a distance that personnel may read the signs and take necessary precautions before entering the area, or as directed by the Engineer. Signs shall comply with the requirements of 29 CFR 1926.62.

Where required, personnel exiting the decontamination area shall perform the following procedures and shall not leave the work place with any clothing or equipment worn during the work day:

1. Vacuum themselves off;
2. Remove all PPE and place in approved waste and disposal containers;
3. Utilize hand-washing facilities;
4. Change to clean clothes prior to leaving the physical boundary around the contaminated job site; and
5. Sign out of the regulated area using the sign-in and sign-out log as specified under this Contract.

All of the above tasks shall be performed in the decontamination area.

SECTION 14 - HAZARDOUS MATERIALS DISPOSAL

14.1 - TREATMENT, STORAGE AND DISPOSAL FACILITIES (TSDFs)

The Contractor shall arrange to have all hazardous materials, waste(s), chemicals,

residue(s) and rinse water(s) transported directly to a licensed or USEPA approved TSDF for accepting, processing and ultimate disposal in accordance with all Federal, State and local government laws and regulations. After sorting, waste material shall be disposed of in accordance with all Federal and State laws and regulations, especially 40 CFR 261, 262 and 268. All waste generated as a result of remediation efforts conducted under this contract must be removed within ninety (90) days of generation.

Decontaminated materials, upon approval by NYCDOT, may be permitted to be land filled.

If the wastes are manifested to an interim storage site prior to final disposal, the Engineer must receive copies of the manifests from interim storage to final disposal.

Prior to the award of the Contract, the Bidder shall provide a list of at least three TSDFs, which may be used under this Contract, to the Engineer for review and approval. No changes in the TSDFs shall be permitted without the prior written approval of the Engineer. The Engineer must approve of the TSDFs prior to awarding of the Contract. No changes in the storage and disposal sites shall be permitted without the prior written approval of the NYCDOT. The Bidder shall be deemed non-responsive if approved sites are not submitted.

As a minimum, disposal sites must meet the following conditions:

1. No USEPA Class I Violations involving significant deviations from regulations, compliance order provisions, permit conditions or criminal violations;
2. No current or pending enforcement actions by USEPA, State or local regulatory agencies;
3. Must possess a valid USEPA Identification Number;
4. Has a Preparedness and Prevention Program;
5. Has a Hazardous Waste Spill Contingency Plan;
6. Has a Personnel Training Plan;
7. Has a USEPA and New York State approved plan for facility closure and post-closure approval, where applicable;
8. Must adhere to Land Ban restrictions;
9. Must possess a NYSDEC 6 NYCRR Part 373 Permit;
10. Must possess a RCRA Part B Permit or is operating under interim status (Part A Permit);
11. Has not been denied a RCRA Part B Permit or RCRA Part A Permit;
12. Not on the USEPA National Priorities List (NPL) (unless no other facilities exist); and
13. Must be in operation for a minimum of five (5) years.

Within five business days of NYCDOT's request, the Contractor shall provide written proof and documentation for the submitted disposal sites of the above criteria.

The Contractor shall submit the following TSDF documentation to NYCDOT, for review and approval by the Engineer:

- 1. Name and address of all TSDFs to be used under this Contract;**
- 2. Copies of all relevant regulatory permits;**
- 3. Facility Systems Description; and**
- 4. Analysis Plan identifying methods and processes to be used.**

Failure to provide approved TSDFs shall be considered a material breach of this Contract and a ground upon which the Commissioner may declare the Contractor to be in default.

The Contractor shall obtain the following documentation from the TSDF for each disposal under this Contract:

- 1. Certificate of Destruction/Disposal;**
- 2. Chemical and Physical Analyses of the waste(s); and**
- 3. Facility Tracking Report.**

The Facility Tracking Report shall include for each waste:

- 1. Name, address and USEPA Identification Number of the TSDF;**
- 2. Name, address and USEPA Identification Number of the Transporter;**
- 3. USEPA Hazardous Waste Number;**
- 4. USDOT Hazardous Waste Classification Number;**
- 5. Quantity Received;**
- 6. Certified final disposition;**
- 7. Tracking Code;**
- 8. Container and Profile Sheet Numbers;**
- 9. Receipt and Processing Data;**
- 10. Incoming and Outgoing Waste Manifests Numbers;**
- 11. Treatment Methods used;**
- 12. Final Disposal Method(s);**
- 13. Container Type and Size; and**
- 14. Empty Container Management Information.**

The Contractor must obtain and submit disposal cost quotes from all approved TSDFs prior to disposing of any waste. The Engineer will specify which TSDF is to be used for disposal.

The Contractor shall obtain final completed disposal manifests in accordance with

applicable Federal, State and local government rules and regulations. Copies of all documentation shall be provided to NYCDOT.

14.2 - CONTAINERS

All hazardous materials, substances and wastes generated under this Contract shall be transported by the Contractor to a State and Federally licensed, approved and certified recycler or TSD (e.g., landfill, incinerator, etc.). The Contractor shall comply with all disposal and transportation requirements as specified in the Contract and shall be in compliance with all applicable Local, State and Federal laws and regulations.

Containers used for waste disposal shall be labeled prior to being transported from a specified facility or remediation area, with, at a minimum, the following requirements:

1. Each container shall be properly labeled prior to leaving a facility or remediation area;
2. The date that the container was filled shall be painted in large letters on the container;
3. Contents of the container shall be posted on the outside of the container. Where possible, liquids shall not be mixed with solids;
4. The name of the Company and person filling the container shall be given;
and
5. All communications relating to these containers must reference the container serial number(s).

14.3 – MANIFESTS

The Contractor shall be responsible for preparing and submitting to NYCDOT copies of New York State manifest paperwork, to be signed by NYCDOT as the generator, for hauling and disposing of hazardous wastes and other waste materials in accordance with applicable Federal, State and local laws and regulations especially 40 CFR 261, 262 and 268. Drums and containers used during the clean-up shall meet the appropriate United States Department of Transportation (USDOT), New York State Department of Transportation (NYSDOT), New York State Department of Environmental Conservation (NYSDEC), OSHA and USEPA regulations for the waste they contain.

14.4 - WASTE TRANSPORTATION REQUIREMENTS

The Contractor shall arrange for pickup of hazardous and non-hazardous materials, substances, wastes, and containers as generated by the work under this Contract and as directed by the Engineer. All hazardous and non-hazardous materials, substances, wastes, and containers as generated by the work under this Contract must be removed within ninety (90) days of generation. The NYCDOT shall be given a minimum of seventy-two hours notice by the Contractor as to the date of the pickup.

The Contractor shall furnish, prepare, and use New York State manifests when disposing of all hazardous materials, hazardous wastes and bulk chemicals. Transportation of the hazardous waste(s) and hazardous materials shall be in accordance with all applicable laws and regulations.

The materials must be manifested according to USEPA and NYSDEC Hazardous Waste rules and regulations, especially 40 CFR 261, 262 and 268. Transporters must have a valid USEPA Identification Number, NYSDEC Part 364 Waste Transporter Permit for transportation of hazardous materials, and the appropriate permits from states and localities where the waste will pass through as required.

The NYCDOT must approve any subcontractors proposed to be used for transportation prior to awarding of the Contract.

14.5 – VEHICLE PREPARATION

The Contractor shall certify that all vehicles used for the transporting of waste(s) have been thoroughly cleaned, inspected and readied for the waste(s) to be carried. The Contractor shall take all necessary safety precautions to secure the vehicle(s) while on-site including, but not limited to chocking wheels, emergency braking gauge, ignition “turned off”, etc.

The Contractor shall display all required placards and identification information on the vehicle for the transportation of chemical and hazardous waste(s).

14.6 –WEIGHT SCALES

The Contractor shall weigh all materials leaving the site for disposal at a Contractor supplied and NYCDOT approved weight scale. The NYCDOT and Contractor’s representative(s) shall be present at the weighing of empty and loaded containers. Weight scale results shall be recorded in a logbook, maintained by the Contractor, reviewed and approved of by the Engineer. Logbook results shall be utilized for submission to, and approval by, NYCDOT and relevant regulatory authorities.

14.7 – PRE-TRANSPORT CONFIRMATIONS

The Contractor shall confirm the designated TSDF Authorization Number and that the TSDF has the capacity to store, process, treat, and dispose of the waste(s) in accordance with all applicable Federal, State and local government laws and regulations.

The Contractor shall visually inspect all containers to be transported. Containers showing visible signs of deterioration shall be rejected and the waste repackaged at no additional cost to NYCDOT.

The Contractor shall verify that the correct information has been listed on labels affixed to all containers to be used to transport waste(s) including the USEPA Identification Number and TSDF Authorization Number.

The Contractor shall perform a final inspection of the vehicle used for transporting bulk chemical(s) and/or hazardous and non-hazardous waste(s) to ensure that all outlets, hoses, straps, and cargo have been secured and that the cargo is compatible with other cargo that may be already on the vehicle.

The Contractor shall confirm that the driver of the vehicle used to transport the waste(s) is in possession of the signed New York State Waste Manifest(s).

14.8 – OFF-SITE PREPARATION

The Contractor shall ensure that all trucks and waste(s), required to be weighed, have been weighed at a certified weigh station and submit appropriate documentation to the Engineer.

14.9 – DIRECT SHIPMENT

The Contractor shall transport the waste(s) directly to the designated TSDF unless prior written authorization has been given by the NYCDOT. If an emergency arises which prevents delivery to the designated TSDF, the transporter must contact the Engineer for authorization to deliver the shipment to another Authorized Facility.

A second manifest must be generated and sent to the alternate facility. The Contractor shall file an Exception Report with the NYSDEC concerning the disposition of the first manifests and provide a copy to the Engineer.

14.10 – TRANSPORTATION EMERGENCIES

The Contractor shall immediately notify the appropriate authorities including, but not limited to, the USEPA, National Response Center (NRC) (800) 424-8802, NYSDEC, NYSDOT, USDOT and NYCDOT of any spills or accidents occurring during transport of

the waste(s).

The Contractor shall ensure that all appropriate prevention programs are implemented to protect human health and the environment in the event of a spill or accident resulting in contamination of the environment.

The Contractor shall file an official Incident Report with the USDOT in accordance with 49 CFR Part 171.

The Contractor shall be responsible for the clean up of any spills or otherwise discharges occurring during transport in accordance with all Federal, State and local government laws and regulations, at no additional costs to the NYCDOT.

SECTION 15 - GENERAL PROVISIONS

15.1 – NOTICE TO CITY DEPARTMENTS, RELEVANT REGULATORY AGENCIES, ETC.

The Contractor shall provide notification, verbally and in writing to NYCDOT staff (Project Manager), as soon as practicable, prior to the implementation of any and all proposed emergency remediation work, waste transportation, and/or disposal activities.

At least seventy-two hours before beginning any Work Order under this Contract, the Contractor shall give notice thereof in writing to the NYCDOT at the address as specified in SECTION 5 – SITE VISITS, and all relevant regulatory agencies including, but not limited to, USEPA, NYSDOH, and NYSDEC. The Contractor shall obtain required permits and shall make all necessary arrangements for doing work.

15.2 – PERMITS, CERTIFICATIONS AND FEES

The Contractor shall pay all fees and obtain all permits and certificates required under applicable Federal, State or local government laws, rules or regulations, which are necessary to perform the work under this Contract. Upon completion of the work, the Contractor shall obtain and deliver to the Engineer all Certificates of Inspection, approvals and/or other documentation called for under such laws, ordinances, rules, and regulations that apply to the work completed and for the equipment or material to be furnished, installed or removed under this Contract.

The Contractor shall obtain and maintain in force during the life of this Contract, all required licenses, manifests or other documentation pertaining to the proper transport and disposal of items of waste or materials removed. This may include obtaining a temporary USEPA Identification Number for the Transport and Disposal of Hazardous Materials, Substances and Wastes.

The Contractor's personnel involved in the removal, transport and disposal of hazardous wastes, materials and bulk chemicals must be properly trained, equipped and have current certification or licensing commensurate with their involvement with remediation activities. Copies of all Chain-of-Custody ("COC") and manifests in the proper form, indicating the means of ultimate disposal of all waste and that waste stored in containers shall be promptly provided to the Engineer.

The Contractor shall transport, handle and dispose of waste products in accordance with 6 NYCRR Parts 370, 371, 372, 373-1, 2, 3, and 4, 374-1, and 2, and 376, along with all other applicable Federal, State and Local Laws, Rules and Regulations.

15.3 – ENGINEER'S INSPECTION AND TESTING

The Engineer shall inspect all work and ascertain that it is being done strictly in accordance with the requirements of the specifications, and the intent of this Contract.

Any material, equipment or workmanship, which the Engineer may reject as not complying with the specifications, shall be replaced or made satisfactory by the Contractor to the satisfaction of the Engineer. Replacement and reassembly shall be done by the Contractor at no cost to the City.

Any testing and weighing shall be done in the presence of the Engineer. Assistance for measuring any materials shall be furnished by the Contractor at his/her sole expense.

Testing and examinations of all kinds and any materials weighed as required under this Contract shall be done in the presence of the Engineer, unless otherwise approved in writing. Adequate advance notice of scheduled tests shall be given to the Engineer. Electric power, instruments, gauges, equipment, materials, tools, other appurtenances, and services necessary for the various tasks, scales for weighing, and assistance for measuring or weighing any of the materials, shall be accurately and recently calibrated prior to testing.

15.4 – PROJECT MANAGEMENT

The Contractor shall designate a single contact person (Project Manager) for management and oversight of the Contract. The Project Manager shall not be replaced without written notification to NYCDOT. In the event that the Project Manager must be replaced, the Contractor shall designate, in writing, the name of the replacement Project Manager. The Contractor shall provide support staff, administrative capabilities, facilities, equipment, and all other items required to ensure completion of the work. The Contractor's Project Manager shall be the project coordinator with NYCDOT and shall be responsible for receiving and managing the implementation of all work under this Contract.

15.5 – WORK CREW REQUIREMENTS

Where requested and required at the direction of NYCDOT, the Contractor shall provide a work crew for Emergency Response, Non-Emergency Response, and remediation services, which shall consist of, at a minimum, one supervisor and two field technicians. The supervisor and field technicians shall be competent and shall have adequate field experience in remediation of hazardous materials, hazardous and non-hazardous substances or bulk chemical site remediation, spill containment, and disposal activities. The Contractor shall designate a single contact person (Supervisor) for management and oversight of field work. The Supervisor shall not be replaced without written notification to NYCDOT. In the event that the Supervisor must be replaced, the Contractor shall designate, in writing, the name of the replacement Supervisor. The Contractor shall dedicate a minimum of four field technicians to this contract.

All field personnel involved in the remediation work shall have completed Hazardous Waste Operations and Emergency Response Training as specified in Title 29 Code of Federal Regulations Section 1910.120. All field personnel involved in the remediation work shall be OSHA and NIOSH trained and certified. Documentation of all applicable training shall be submitted for review and approval by the Engineer. (Add Marine license)

15.6 – WORK SCHEDULE

The Contractor shall maintain a copy of the specifications at the work site at all times.

The Contractor shall complete all assigned work by the completion date specified in the Work Order for each work task. Situations may arise that will require the sequence of a proposed remediation activity to be changed.

The Contractor shall comply with any order from the Engineer requiring such changes and the Contractor shall make no claim for additional compensation because of such orders. The additional costs, if any, arising from such changes being considered as having been included in the Overhead and Profit percentage bid which shall be applied to time and material costs approved by the Engineer.

If an Emergency Response condition arises, as defined in the Contract, the Contractor, at the sole discretion of the NYCDOT, shall be directed and required to respond as soon as practical but in no event, less than two (2) hours. Emergency Response shall be made regardless of time of day, day of week, weekend day or holiday.

With the exception of Emergency Response, all work under the Contract shall be conducted during a normal working day. Generally, no work shall be conducted on the job site before 8:00 a.m., nor after 4:30 p.m., nor shall any work be conducted on Saturdays, Sundays nor the following holidays as celebrated by the City of New York, unless the

Contractor has given notice in writing, to the Engineer, and the Engineer in turn has given permission in writing for such work:

- | | |
|----------------------------------|-----------------------------|
| 1. New Year's Day | 7. Labor Day |
| 2. Martin Luther King Day | 8. Columbus Day |
| 3. Lincoln's Birthday | 9. Election Day |
| 4. Washington's Birthday | 10. Veteran's Day |
| 5. Memorial Day | 11. Thanksgiving Day |
| 6. Independence Day | 12. Christmas Day |

15.7 – CONTRACT WORK AREAS

In general, the Contractor is to confine activities under this Contract to the immediate vicinity of the area of the emergency or the area being remediated and the designated staging areas. The Contractor shall not use or otherwise occupy any other spaces unless permission, in writing, has been previously granted by the Engineer.

Work being performed by other Contractors, utility companies or NYCDOT employees may be in progress at the site. Joint occupancy and use of some areas may be necessary. The Contractor shall cooperate at all times with other Contractors and workers on the site and conform to all orders of the Engineer pertaining to the conduct of the work and any coordination which may be required.

15.8 – INSIDE LAY DOWN AREA

NYCDOT anticipates that the Contractor may require storage space for remediation equipment and other supplies inside of a facility during the course of remediation. Possible lay down areas will be identified during the pre-remediation site inspection(s).

15.9 – CLEANING-UP

The Contractor shall sweep up and collect all rubbish, debris and waste materials as they accumulate due to the work under this Contract and dispose of it as directed by the Engineer. Upon completion of the work, the Contractor shall remove any temporary structures erected under this Contract on City property and shall acceptably clean up the sites of the work. The Contractor shall remove from City property all plants, equipment, tools and surplus or waste materials provided under this Contract.

The Contractor shall, upon completion of all work at a site, clean any items soiled as a result of the operations under this Contract of all dust, dirt and foreign matter and leave the areas occupied under this Contract in a condition satisfactory to the Engineer.

The Contractor shall provide all personnel, materials, and equipment necessary to clean-up all spills, storage areas, boxes, PPE, possible contaminated floors, soil, debris, coatings on the faces of walls, and any other item deemed to be classified as a hazardous material or substance under this Contract and in accordance with all applicable Federal, State, and local government laws and regulations.

As part of the cleanup work, the Contractor shall package and label all contaminated waste material. Labels shall identify the material and make reference to the New York City Department of Transportation - and appropriate Division, Roadways, Traffic, Bridges or Facilities.

The Contractor shall be prepared to perform field characterization, as necessary, for the purposes of cleanup and disposal. The Contractor shall package and label the waste in accordance with the USDOT Hazardous Material Classes, as defined in the Hazardous Materials Transportation Act.

The Contractor shall also be responsible for preparing the manifest paperwork, to be signed by a representative of the applicable Division of NYCDOT, as the generator, for hauling and disposing of hazardous wastes and other waste materials in accordance with applicable Federal, State and Local regulations. Drums and containers used during the clean up shall meet all appropriate laws and regulations for the waste they contain.

15.10 – RECORD KEEPING AND REPORTING

The Contractor, at a minimum, shall be responsible for and shall provide the NYCDOT Engineer with originals and copies of all inspections and reports, copies of all audits and sign-in and sign-out sheets for his/her employees on the work site.

The Contractor, at a minimum, shall be responsible for and shall provide the NYCDOT with copies of all monthly progress reports at the work site(s), due on the 15th of each month for the previous month, approved work schedules, labor force information including the total number of employees employed at the work site(s) and associated job titles and/or descriptions. In addition, the Contractor shall be responsible for and shall provide NYCDOT with copies of all equipment logs and checklists, including but not limited to, calibration and repair information.

All reports generated and submitted to the NYCDOT may also be transmitted to the relevant regulatory agencies for review and comment, at the discretion of NYCDOT and the request of a relevant regulatory agency. All original reports, records and Contract documents shall become the property of the NYCDOT at the termination of the Contract.

15.11 - PROTECTION OF THE WATERWAY

All Contractor operations shall be conducted in such a manner as to ensure the protection of New York City waters. All necessary precautions shall be taken to prevent the introduction of hazardous and non-hazardous materials, substances and spills of bulk chemicals or other pollutants into the waterways of the United States. All openings that drain directly to a waterway shall be sealed as required using the material(s) acceptable to the Engineer prior to the onset of work. Any materials released during the remediation or clean-up activities shall be removed and affected surfaces decontaminated by the Contractor at no additional cost to the City.

15.12 – OPERATIONAL REQUIREMENTS

Continued access to the sites by NYCDOT personnel is critical to the operations DOT facilities. Selected NYCDOT employees with the appropriate Health and Safety training will be designated by the NYCDOT On-Site Coordinator (OSC) to be allowed access to the facility upon timely notification to the OSC.

Furthermore, decontamination activities may not be conducted in a fashion that limits NYCDOT employee access to any site area in an emergency, nor can Contractor work practices, decontamination procedures, or other activities be allowed to increase the exposure of NYCDOT employees to hazardous materials, substances or bulk chemical contamination. Decontamination must be scheduled in a fashion that permits scheduled maintenance, repair and equipment replacement to continue while the decontamination activities are taking place.

Prospective bidders are advised that all NYCDOT owned facilities are manned five days per week, with limited staffing on weekends and nights. Staffing times vary from facility to facility.

The Engineer will provide the Contractor with appropriate hours of facility operation prior to any proposed remediation.

15.13 - PROTECTION OF EXISTING STRUCTURES, EQUIPMENT AND CITY PROPERTY

Provisions are to be made by the Contractor to effectively protect the equipment, appurtenances to the equipment, floors, walls, stairs, ladders, railings, fences, treatment units, tanks, and surfaces or property of any nature from damage or contamination resulting from the work under this Contract. All safeguards shall be continuously maintained in good condition for the duration of the work and shall be removed upon the completion of the work. The Contractor shall be responsible for, and shall bear the costs of, repairing and/or remediating all damage, loss of equipment or necessary clean up.

In case of delay in remediating any damage, loss of equipment or necessary clean-up, the

NYCDOT shall have the right to make such repairs, replacements or clean-ups as may be necessary and deduct the cost thereof from any monies that may be due or thereafter become due, to the Contractor.

The Contractor shall, at his/her own expense and as ordered or approved by the Engineer, shall satisfactorily restore surfaces, pavements, sidewalks, driveways, curbs, fences, railings, steps, walls and other property, structure(s), or installation damaged by his operations or removed to facilitate work. Restoration shall be to the condition at the start of work under this Contract or to a condition equally as good as approved of by the Engineer.

15.14 – SUBCONTRACTING

The Contractor agrees that no part of this Contract shall be subcontracted without the prior written consent and approval of the NYCDOT. All subcontractors shall meet the bidders licensing and certification requirements specified herein for the type of work that they perform and shall perform their work in accordance with all Federal, State and local laws, rules and regulations.

15.15 – STANDARDS

Work done under this Contract must be in accordance with the specifications and all Federal, State, City and local laws, rules and regulations, including, but not limited to, the Federal OSHA Act of 1970 and the Construction Safety Act of 1969, both as amended, the Electrical Codes of the City of New York and the National Fire Protection Association. All work done under this Contract, which by law, must be performed by or under the auspices of, a licensee or other certificate holding person, shall be performed by, or under the auspices of, a person holding a license or other certificate valid in the jurisdiction of the work site.

The Contractor alone shall be responsible at all times for the quality of the work required, for safeguarding adjacent equipment and structures, for the safety of the public and NYCDOT Employees and for the protection of persons and property at the work site. The Contractor shall bear full responsibility for the methods and procedures used and for damage or injury caused by performing work under the Contract.

15.16 – WATER

Where available, non-potable water from the City system at the site may be used by the Contractor without charge, provided that operations do not contaminate or pollute the Water Supply system.

Any work or materials needed to provide water at specific locations within the site to

facilitate the work under this Contract shall be installed, and ultimately removed, by the Contractor, both as approved by the Engineer.

Any potable water required by the Contractor shall be supplied by the Contractor

15.17 – NO ADVERTISING

No signs or notices not pertaining to the work and no advertisements shall be displayed. The size, wording and design of any signs that may become necessary shall be approved by the Engineer prior to their being erected.

15.18 – SERVICE INTERRUPTIONS

NYCDOT Operations, electricity, other utilities and instrumentation encountered during the course of this work shall be kept continuously in service, unless a service interruption is specifically permitted in writing and approved by the Engineer.

15.19 – POWER AND LIGHT

Electricity and/or compressed air shall operate all power tools, equipment and appurtenances used in conjunction with this Contract. Electric light shall be used exclusively. Electric power for use by the Contractor will be available at most facilities. Electricity may be temporarily extended by and as required by the Contractor, to facilitate the work and as approved by the Engineer. The Contractor will not be charged for use of electricity.

15.20 – SMOKING AND FIRES

Smoking will not be permitted within any NYCDOT facility or within the remediation work area. Open fires will not be permitted on site.

15.21 – NOISE LEVEL

The Contractor shall take every action possible to minimize noise, including providing equipment with sound deadening devices, and take other noise abatement measures that are necessary to maintain a maximum permissible construction equipment noise level at 50 feet of 70 dBA per eight hour TWA noise exposure criteria.

15.22 – ENTRANCES

The Contractor shall keep entrances to a facility, serving the premises, clear and available to the NYCDOT at all times. Warning signs, placards, or barrier tape shall be used to warn site workers and visitors of hazardous and/or remediation areas.

15.23 - SITE SECURITY

The Contractor shall ensure that the site is secured at all times during remediation activities to prevent unauthorized entry of persons into the work areas. Where applicable, the Contractor will secure the work area at the end of each day's work.

Authorized visitors will report to the Contractor's designated personnel for sign-in before entering the facility, and for sign-out prior to leaving the facility.

15.24 - NO NUISANCES

The contractor shall rigorously prohibit the creating of nuisances about the work site or upon adjacent property. Any Contractor employee found violating these provisions shall be removed from the work site and not again perform contract work without the written consent of the Engineer. The Contractor shall promptly and fully comply with all orders and regulations in regard to these matters.

The contractor shall so conduct all his operations such that they will cause the least annoyance to the public and NYCDOT workers and cause a minimum of noise, dust and pollution.

Solid garbage and organic materials shall be promptly placed in tightly sealed receptacles as approved by NYCDOT. The contents of all such receptacles, together with any rubbish that has accumulated about the work site, shall be collected daily and disposed of in an appropriate manner by the Contractor.

15.25 – PERSONNEL SUPPORT FACILITIES

Where applicable, and where required due to the nature and duration of the proposed remediation, the Contractor shall provide and maintain a reasonable area and code compliant environment at each work site to support the Contractor's personnel. This shall include, but not be limited to, lighting, heat, power, ventilation, drinking water, wash water and sanitary facilities. During the course of work, the Contractor shall be responsible for temporary facilities at each site where required.

15.26 – TEMPORARY HEAT

When temporary heat is required or recommended by the Contractor or the Engineer for the protection of the work or work site, the Contractor shall provide, install, and maintain a suitable heating apparatus, which is adequate for the job and acceptable to the NYCDOT.

15.27 – SANITATION

Where there are no permanent facilities as specified, the Contractor, at its sole expense, shall provide adequate sanitary facilities for the use of those employed on the work site. Such facilities shall be made available when the first employee arrives on the site of the work, shall be properly secluded from public observation, and shall be constructed and maintained during the progress of the work and at such points and in such manner as may be required. Sanitary facilities shall be located a minimum of one hundred feet away from a waterway with no direct drainage into natural water bodies.

The Contractor shall maintain sanitary facilities in a satisfactory and sanitary condition at all times and shall enforce their use. The Contractor shall rigorously prohibit the committing of nuisances on the site of the work, on the lands of the City, or on adjacent properties.

15.28 - ILLUMINATION

The Contractor shall furnish all plant equipment, labor and materials to ensure adequate illumination for all operations. Adequate illumination, as used herein, shall be construed as the minimum lighting required to provide safe working conditions and sufficient light to permit the work to be performed, and to permit complete inspection of the work.

The minimum intensities of such illumination in the work areas and for the operations shall not be less than five foot-candles. Permanently installed fixtures may be used for this purpose. Light bulbs, which may require replacement in the vicinity of the work areas, shall be replaced during the Contract period by the Contractor, at no cost to the City.

15.29 – INTOXICATING LIQUORS

The Contractor shall not sell intoxicating liquors on or about the work site and shall neither permit or offer their sale, introduction or use upon the work embraced under this Contract nor upon any of the grounds occupied or controlled by him/her or NYCDOT.

15.30 - RENTAL EQUIPMENT

If rental equipment is to be used during Emergency Response, Non-Emergency Response, or remediation, handling and disposal, the Contractor shall notify the rental agency in writing concerning the intended use of the equipment. A copy of the notification shall be forwarded to the Engineer for his/her review and approval. All data demonstrating compliance with the performance requirements of this Contract must be presented to, and approved by, the Engineer prior to use.

The Contractor shall be responsible in the use of the equipment and must return the rental

equipment in a condition satisfactory to the rental agency once the equipment is no longer required for use under the Contract. The Contractor shall be responsible for all costs related to the rental equipment.

15.31 – CONTRACT RENEWAL

At its sole discretion, the City reserves the right to renew the Contract under substantially unchanged terms, conditions, and prices for one year.

In the event the City decides to renew the Contract, NYCDOT shall provide the Contractor with written notification to this effect 90 days prior to the original end date of the Contract.

Any and all bonds and insurance coverage required for the Contract shall be extended to cover the renewal period.

15.32 - LIQUIDATED DAMAGES

15.32(A) - TIMELY PERFORMANCE ESSENTIAL

The services to be performed by the Contractor hereunder are essential to the proper operation by NYCDOT of DOT facilities located in the City of New York. Proper performance and timely response under this Contract is therefore crucial in order to protect the health and welfare of the people of the City of New York. The failure of the Contractor to perform in accordance with the requirements contained in this Contract may potentially result in: (1) significant or severe but unquantifiable damage or injury to persons or property; (2) conditions which may threaten imminent peril to the health, safety, and welfare of the people of New York City; and/or (3) ensuing legal liabilities to the City which cannot be quantified at the time of contracting.

Accordingly, it is hereby agreed by the Contractor and the City that proper performance of the Contract work within the time frames set forth herein is material, and in view of the difficulty of adequately ascertaining the losses or damages which the City would suffer by reason of Contractor's delay or failure to so perform services hereunder, it is further agreed that liquidated damages shall be due and payable to the City by the Contractor as set forth herein. Such liquidated damages shall not be deemed a penalty. Such liquidated damages may be assessed by the City for Contractor's delay or failure to properly perform even in the event of an ensuing termination by the City or of abandonment by the Contractor.

Liquidated damages received by the City hereunder are not intended to be nor shall they be treated as either a partial or full waiver or discharge of the City's rights of indemnification or of the Contractor's obligation to indemnify the City, or to any other remedy provided for by the Contract or by law.

The Comptroller will deduct and retain out of the monies which may become due to the Contractor hereunder, the amount of such liquidated damages; and in case the amount which may become due hereunder shall be less than the amount of liquidated damages assessed by the City, the Contractor shall be liable to pay the difference upon demand by the Comptroller.

15.32(B) - ASSESSMENT OF LIQUIDATED DAMAGES

Liquidated damages may be assessed by the City in the following amounts, and with respect to each instance and for each calendar day for which (1) the Contractor fails to respond in a timely manner to an Emergency Response notification, \$5,000; (2) the Contractor fails to respond in a timely manner to a Non-Emergency Response notification, \$5,000; (3) the Contractor fails to complete the work in the time frame specified in the work order, without good cause as to the delay and the approval of the Engineer, \$1,000; (4) the Contractor fails to identify and provide a decontamination area where required by NYCDOT under SECTION 13 of the Contract and detailed specifications, \$500 per day; (5) the Contractor fails to supply the documents required and outlined in SECTIONS 14 of the Contract and as detailed in the specifications for the Treatment, Storage, and Disposal of hazardous and non-hazardous materials, substances, wastes, and bulk chemicals, including but not limited to, TSDF information, manifests, transportation requirements, and vehicle preparation, \$500 per day.

SECTION 16 - PAYMENT

16.1 - PAYMENT

On or before the 15th day of each calendar month, the Contractor shall render to the City a requisition in the prescribed form which shall state the actual quantity and actual and reasonable cost of the work performed during the preceding calendar month. The Contractor shall be paid its actual and reasonable costs subject to the limitations set forth below, plus the percentage bid for overhead and profit. Subcontracted work shall be paid as provided in Section 16.4 below.

16.2 - EQUIPMENT RENTAL

All necessary equipment hired or owned by the Contractor will be paid for on a rental payment basis at rates not exceeding 75% of the monthly rates published in the current edition of "AED Green Book, Rental rates and Specifications for Construction Equipment" ("Green Book") published by PRIMEDIA Information, Inc., prorated daily for the number of days actually used subject to the following restriction:

For multiple shift utilization, reimbursement shall be calculated as follows:

First shift - .75 of "Green Book" rental rates
Second shift - .60 x first shift rate
Third shift - .40 x first shift rate

The maximum reimbursement for any 24 hour period shall be calculated at twice (2x) the daily rate.

For the purpose of calculating the maximum rental payment in accordance with the rates stipulated above for the equipment used at each location under this contract, the following formula will be used:

- 1) The number of allowable hours that the equipment is in use, as approved by the Engineer, will be totaled.
- 2) The total number of allowable hours totaled will be divided by one hundred seventy-six (176) to determine the number of months of use; with that remainder divided by forty (40), to determine the number of weeks of use; with that remainder divided by eight to determine the number of days and fraction thereof, of use.
- 3) The number of months, weeks, and days as calculated above will be multiplied by the following rates, respectively:

Monthly Rate = 75% of Published Monthly Rate
Weekly Rate = ("Monthly Rate" ÷ 22) x 5
Daily Rate = ("Monthly Rate" ÷ 22)
Hourly Rate = ("Monthly Rate" ÷ 22) ÷ 8

The aforementioned reimbursement schedules shall be applicable only to serviceable equipment that shall be capable of efficiently performing its intended on-site function in accordance with the work requirements.

In the event a piece of equipment is out for repairs for part of a day, payment will be made only for that portion of the day that it is in operation. For this purpose, eight hours will be deemed one day.

However, if due to working conditions, the equipment does not work a minimum of eight hours, where work is not proceeding on a "round the clock" basis, no deduction will be made.

If a piece of equipment is used for less than eight (8) hours total, it will be paid for as one day. Where used for more than eight hours, the fractions of a day will be paid for at the fraction times the daily rate.

No rental payment will be made for any period a piece of equipment is out for repairs. No

direct payment will be made for repairs to equipment. Compensation for all such repairs shall be considered as having been included in the rates stipulated above.

Fuel costs will be reimbursed based on actual costs. In the absence of auditable figures, the following formula shall be applied:

Fuel cost per operating hour = .035 x HP rating x Fuel cost/gal.

Fuel cost for pickup trucks will be \$6.00 per shift per pickup truck.

The cost of equipment characterized as "small tools" is deemed to be included in the Contractor's overhead factor and shall not be eligible for separate reimbursement whether contractor-owned or leased separately. This type of equipment generally encompasses items that are ordinarily required for the performance of the worker's job function, and includes but is not limited to equipment which ordinarily has no licensing, insurance or substantive storage costs associated with it; such as circular and chain saws, impact drills, threaders, benders, wrenches, socket tools, etc.

When an extended period of time is required to repair a damaged or defective piece of equipment, the Contractor, as directed by the Engineer, shall replace same and the substituted item, for payment purposes, will be deemed the original piece of equipment.

If a particular piece of equipment is not listed in the "Green Book", the "Blue Book", (Rental Rate Blue Book for Construction Equipment by PRIMEDIA Information, Inc.), rental rates may be substituted, subject to the restrictions of the above paragraphs, i.e. 75% of the stated rates, etc. (Blue Book operating costs /regional factor/age factor are not allowable).

Authorization for the use of any equipment, and the purchase of any material must be obtained from the Engineer. For equipment not listed in the above publications, payment will be based upon costs acceptable to the Department and the Comptroller.

16.3 - LABOR

The Contractor is advised that the work to be performed pursuant to this contract is deemed subject to the provisions of Sections 220 and/or 230 of the NYS labor law concerning the payment of the prevailing rate of wages to certain laborers, workmen, or mechanics upon public works and building services. The cost for laborers, workmen and mechanics, and employees performing building services, shall be in accordance with the provisions of Sections 220 and 230, as applicable, of the Labor Law as amended, (schedules are attached as Appendix A, and are also on file in the offices of the New York State Department of Labor). Included in the costs for labor will be the Supplementary Benefits and the Supplementary Benefit Payments. Also included in the costs for labor will be the reasonable costs of overtime and work done during weekends and holidays or in

accordance with comptroller's schedule of wages and government regulations.

Except as otherwise described below, payment will be made under this contract for only one "overall job superintendent", for the actual number of hours worked at the job site. However, where in the opinion of the Engineer, the number of work sites, complexity of work locations, number of shifts, etc., warrant, the Engineer may authorize payment for more than one job superintendent at the rate described above at the request of the Contractor.

Except as otherwise described below, payment will be made for two "field technicians" per 8 hour shift. However, where in the opinion of the Engineer, work conditions warrant, the Engineer may authorize payment for more than two field technicians at the rate described above at the request of the Contractor. If, for any reason, work is carried on for less than a full 8 hour shift, the field technicians shall be paid for the actual number of hours worked.

An organization chart showing the names of job superintendents and field technicians must be submitted to the Engineer for approval before award of the contract. Any changes in said organizational chart shall be submitted to the Engineer at each time when such changes occur, for his or her approval.

The Contractor shall also submit to the Engineer before award of the contract, copies of rules and regulations and agreements, as applicable, pertaining to, but not specifically listed, to hours of work, paid holidays, overtime provisions, differentials, etc. No payment shall be made without the submission of a certified payroll. No payment will be allowed for the time of any principal of the firm (unless such principal shall act as an "overall job superintendent" or as a "field technician") such time being deemed part of the overhead and profit proposed on this contract. When a principal of the firm acts as either an "overall job superintendent" or as a "field technician", he shall be paid as described above, with the express understanding that only one principal of the firm can be so employed on any job. If a principal acts as an "overall job superintendent", another principal cannot act as a "field technician". Conversely, when one principal acts as a "field technician", another principal cannot act as an "overall job superintendent".

16.4 - SUBCONTRACTOR

When the scope of work can be specifically defined, the Contractor shall obtain quotations on a lump sum or unit price basis from at least three subcontractors approved by the Engineer. Where such work cannot be specifically defined, then such bids shall be received on actual and reasonable cost to the subcontractor, plus a bid percentage for his overhead and profit. All such bids must be approved by the Engineer before acceptance by the Contractor.

The Contractor will be paid only the bid amount approved by the Engineer for such

subcontracted work as stipulated above, plus an allowance of five percent (5%) to cover the Contractor's profit, superintendent, administration, insurance and other overhead.

16.5 - PAYMENTS FOR INSURANCE AND BONDS

The City will reimburse the Contractor for the cost of the premium for the required Performance and Payment Bonds after the "Order to Commence Work" letter is issued and upon submission to the City of certified paid bills for the above bonds.

The cost of insurance listed in "Schedule A" of the General Conditions shall be included in the percentage bid by the Contractor to cover overhead and profit.

16.6 - EXCLUSIONS

Payment under this contract is limited to the actual and reasonable cost of the equipment, material, and personnel used at the site of work, and the costs of the various bonds as stipulated hereinbefore.

In general, there will be no payment for transportation of equipment, material and personnel to and from the site.

16.7 - HEALTH AND SAFETY PLANS

The Contractor shall be paid for on a time and material basis for the actual and reasonable costs of all labor, material and equipment approved of by the Engineer and provided pursuant to SECTION 10, for the development and enforcement of Health and Safety Plans and the provision of a full time Health and Safety Officer as required. The Contractor shall comply with all other requirements of SECTION 10.

16.8 - EMERGENCY RESPONSE, SPILL CONTAINMENT, AND REMEDIATION

The Contractor shall be paid on a time and material basis for the actual and reasonable costs of all labor, material and equipment approved of by the Engineer and provided pursuant to SECTION 11, for the Emergency Response, Spill Containment and Remediation and the provision of Non-Emergency Response, as required. The Contractor shall comply with all other requirements of SECTION 11.

16.9 - MONITORING, SAMPLING, AND ANALYSES

The Contractor shall be paid on a time and material basis for the actual and reasonable costs of all labor, material and equipment approved of by the Engineer and provided pursuant to SECTION 12, for the Monitoring, Sampling and Analyses, as required. The Contractor shall comply with all other requirements of SECTION 12.

16.10 - DECONTAMINATION

The Contractor shall be paid on a time and material basis for the actual and reasonable costs of all labor, material and equipment approved of by the Engineer and provided pursuant to SECTION 13, for Decontamination, as required. The Contractor shall comply with all other requirements of SECTION 13.

16.11 - HAZARDOUS MATERIALS DISPOSAL

The Contractor shall be paid on a time and material basis for the actual and reasonable costs of all labor, material and equipment approved of by the Engineer and provided pursuant to SECTION 14, for Hazardous Materials Transportation and Disposal, as required. The Contractor must obtain and submit disposal cost quotes from all approved TSDFs prior to disposing of any waste. The Engineer will specify which TSDF is to be used for disposal. The Contractor shall comply with all other requirements of SECTION 14.

16.12 - GENERAL PROVISIONS

The Contractor shall not be paid separately for any items listed under SECTION 15. The cost of all items listed under SECTION 15 - GENERAL PROVISIONS shall be included in the percentage bid for overhead and profit.

DIVISION**MANHATTAN**

Ferry Ops
 Manhattan SAM
 Manhattan SAM
 Bridges / Repair
 Bridges & Tunnel Ops
 Safety City

BROOKLYN

Bridges / Repair
 Bridges / Repair
 Bridges / Repair & Paint
 Bridges / Repair
 Bridges / Repair
 Painting / Storage
 Bridges / Painting
 Bridges / PM
 SAM Asphalt Plant
 Brooklyn SAM
 Brooklyn SAM / Fleet Srv
 Brooklyn SAM / Fleet Srv
 Safety City
 Bk Sign Shop
 Bridges / Repair & Paint
 Bridges / Bureau ERB / M
 Bridges / Bureau ERB / M
 Bridges / Repair
 Bridges / Repair & PM
 Bridges / Inspection & R

QUEENS

Parking-Maint / Qn Sign
 Queens SAM / Fleet Srv.
 Streetlighting Warehouse
 Jets Emergency Response
 Queens SAM / Fleet Srv.
 Queens SAM / Street Asse
 Queens SAM
 Queens SAM / Fleet Srv.
 Traffic Management / Par
 Traffic Ops / Parking Ex
 Queens Boro Comm. / Lear
 Queens Boro Engineer
 Bridges / Repair
 Queens Safety City
 Bridges & Tunnel Op

 Parking-Collections

**Appendix A
 FACILITY**

3 Whitehall Street
 R F Wagner Place & South St
 672 West 158th Street
 345 East 59th Street
 Gracie Square & F D R Drive
 672 West 158th Street

352 Kent Avenue
 372 Kent Avenue
 390 Kent Avenue
 59 Adams Street
 125 Cadman Plaza E.
 121 Plymouth Street
 424 Wythe Avenue
 130 Clay Street
 448 Hamilton Avenue
 2900 Flatbush Avenue
 6080 Flatlands Avenue
 140 58th Street
 760 Broadway
 50 21st Street
 17 South 6th Street
 140 Plymouth Street
 413 Wythe Avenue
 Dover Street & South Street
 59 Adams Street
 520 Kingsland Avenue

FACILITY

58-50 57th Road
 32-11 Harper Street
 45-03 37th Avenue
 5-40 44th Drive
 141-22 Brookville Boulevard
 88-20 Pitkin Avenue
 78-88 Park Drive East
 69-48 Sybilla Street
 28-11 Queens Plaza North
 34-02 Queens Boulevard
 30-30 Thomson Avenue
 128-10 26th Avenue
 42-34 21st St – LIC
 108-12 Myrtle Ave
 Greenpoint Bridge Yard Queens
 Greenpoint & Review Ave
 66-26 Metropolitan Avenue

Appendix A (Continued)

FACILITY

DIVISION

BRONX

Bronx Sign	4409 Park Avenue
Bx HIQA	1400 Williamsbridge Road
Bridges PM / MN SAM	301 West 203rd Street
Bridges / Repair	300 West 206th Street
Bronx SAM	3200 Conner Street
Bronx SAM	Mosholu Avenue & Broadway
Bronx Fleet Srvc.	412 East 181st Street
Safety City	837 Brush Avenue
Ferry Ops – Timeclock	Fordham Street & City Island S
Bronx Fleet Srvc.	2144 Webster Ave
Bridges / Bureau ERB / M	101 Jerome Avenue

STATEN ISLAND

Bronx SAM / City Concrete	5 Duboise Avenue
Staten Island SAM	10 Glen Street
Bridges / PM	3551 Richmond Terrace
Boro Engineer / SI Sign	34 Wave Street
SI SAM / Fleet Srvc.	1893 Richmond Terrace
Safety City	715 Ocean Terrace
Staten Island Ferry	1 Bay Street
SI Boro Hall	10 Richmond Terrace

Worksite: HAMILTON AVE YARD Bill To: FRANKLIN CONTRACTORS
 Address: 4418 HAMILTON AVE Address:
 City: BROOKLYN State: NY Zip: 10232 City: State: Zip:
 Site Phone: 718-369-4246 State ID/PBS#: 2-258113 Bill to Contact:
 Tech Name: THOMAS R ANDERSON Lic#: 72-1691 Assistant:

DESCRIPTION OF TESTING ORDERED

Testing (circle one): Complete Incomplete * Spill #: 0506715
 Testing Required & Result: PRESSURIZED VENT LINE ON DIESEL TANK # 008.

DESCRIPTION OF REPAIRS/RE-TESTS/MISC. SITE INFO

PRESSURIZED DIESEL VENT LINE @ 5 PSI FOR 30 MINUTES AND FAILED TO HOLD THE PRESSURE.

Materials Used

QTY	MFG	DESCRIPTION	UNIT PRICE	HOURS	RATE	AMOUNT
					TESTING	
					ADD LABOR	
					TRAVEL	
				2ND MAN TIME IN		
				2ND MAN TIME OUT		
					TOTAL TESTING	
					TOTAL MATERIAL	
					TOTAL LABOR	
					SUB TOTAL	
					TAX	
					TOTAL	
TEMPERATURE	PRODUCT - PUMP TEST - GALLONS USED					
85°F	REG	PREM	KERO			
	PLUS	DIESEL				

I HEREBY ACKNOWLEDGE THE SATISFACTORY COMPLETION OF THE ABOVE WORK

SIGNATURE TECH: *[Signature]* SIGNATURE SITE: *[Signature]* DATE: 8/31/05

Worksite: <u>HAMILTON AVE YARD</u>		Bill To: <u>FRANKLIN</u>	
Address <u>448 HAMILTON AVE</u>		Address	
City <u>BROOKLYN</u>	State <u>NY</u>	Zip <u>11232</u>	City State Zip
Site Phone: <u>718-369-4244</u>	State ID/ PBS#: <u>2-258113</u>	Bill to Contact:	
Tech Name: <u>THOMAS R ANDERSON</u>		Lic#: <u>71-1691</u>	
Assistant:			

DESCRIPTION OF TESTING ORDERED

Testing (circle one): Complete Incomplete Spill #: _____

Testing Required & Result: TESTING 2 - 2,500 GAL DW/FRP TANKS.
DIESEL TANK #007 PASSES DIESEL TANK #008 PASSES
W/ EXTRACTOR PLUG INSTALLED IN EXTRACTOR T.- BYPASSING
STAGE 1 & VENT LINE.
TESTED 2 LINES 3 LEAK DETECTORS - BOTH PASS

DESCRIPTION OF REPAIRS/RE-TESTS/MISC SITE INFO

DIESEL TANK #008 HAS AN ULLAGE FAILURE W/ STAGE 1
AND VENT LINE IN TEST. INSTALLED EXTRACTOR PLUG TO
ISOLATE TANK FROM EXTRACTOR T. TANK PASSES FURTHERMORE. PROP
TUBE BROKEN IN HALF IN FILL TUBE. HAD TO PULL MOTOR TO
TEST THROUGH MOTOR RISER.

Materials Used

QTY	MFG	DESCRIPTION	UNIT PRICE	HOURS	RATE	AMOUNT
1		VAPOR FILL CAP	32 ⁰⁰		TESTING	
					ADD	
					LABOR	
					TRAVEL	
				2ND MAN		
				TIME IN		
				2ND MAN		
				TIME OUT		
					TOTAL	
					TESTING	
					TOTAL	
					MATERIAL	
					TOTAL	
					LABOR	
					SUB	
					TOTAL	
TEMPERATURE	PRODUCT - PUMP TEST - GALLONS USED				TAX	
<u>85° F</u>	REG _____	PREM _____	KERO _____		TOTAL	
	PLUS _____	DIESEL _____				

I HEREBY ACKNOWLEDGE THE SATISFACTORY COMPLETION OF THE ABOVE WORK

SIGNATURE TECH 	SIGNATURE SITE 	DATE <u>8/30/05</u>
--	---	---------------------



Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Asphalt Cement

Product Number(s): CPS204735 [See Section 16 for Additional Product Numbers]

Company Identification

Chevron Products Company
Marketing, MSDS Coordinator
6001 Bollinger Canyon Road
San Ramon, CA 94583
United States of America

Transportation Emergency Response

CHEMTREC: (800) 424-9300 or (703) 527-3887

Health Emergency

ChevronTexaco Emergency Information Center: Located in the USA. International collect calls accepted.
(800) 231-0623 or (510) 231-0623

Product Information

MSDS Requests: (800) 689-3998

SPECIAL NOTES: This is a generic MSDS which describes the health hazards of all Chevron Asphalt Cements. It applies to all Chevron Paving Grade Asphalt Cement products, including all Penetration Grades, AC (Asphalt Cement graded by original viscosity at 140F), AR (Asphalt Cement graded by viscosity of residue from Rolling Thin Film Oven Test), PG (Performance Graded), PBA (Performance Based Asphalts), and PAC (Polymer Modified Asphalt Cement) products.

This MSDS does not apply to Industrial Asphalts (roofing grades), Emulsified Asphalts, or Cutback Asphalts.

SECTION 2. COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
CHEVRON Asphalt Cement		100 %weight
Asphalt	8052-42-4	> 93 %weight
Organic amine complex	Proprietary	0 - 2 %weight
Organic amide complex	Proprietary	0 - 5 %weight
Polymers, asphalt	Proprietary	0 - 6 %weight

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- HEATING MAY RELEASE HIGHLY TOXIC AND FLAMMABLE HYDROGEN SULFIDE GAS (H₂S)

Revision Number: 12
Revision Date: 12/31/2002

1 of 8

CHEVRON Asphalt Cement
MSDS : 6504

- DO NOT ATTEMPT RESCUE WITHOUT SUPPLIED-AIR RESPIRATORY PROTECTION
- MAY CAUSE RESPIRATORY TRACT IRRITATION IF INHALED

IMMEDIATE HEALTH EFFECTS

Eye: Not expected to cause prolonged or significant eye irritation. If this material is heated, thermal burns may result from eye contact.

Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin. If this material is heated, thermal burns may result from skin contact.

Ingestion: Not expected to be harmful if swallowed.

Inhalation: The vapor or fumes from this material may cause respiratory irritation. Symptoms of respiratory irritation may include coughing and difficulty breathing. If this material is heated, fumes may be unpleasant and produce nausea and irritation of the eye and upper respiratory tract. Hydrogen sulfide has a strong rotten-egg odor. However, with continued exposure and at high levels, H₂S may deaden a person's sense of smell. If the rotten egg odor is no longer noticeable, it may not necessarily mean that exposure has stopped. At low levels, hydrogen sulfide causes irritation of the eyes, nose, and throat. Moderate levels can cause headache, dizziness, nausea, and vomiting, as well as coughing and difficulty breathing. Higher levels can cause shock, convulsions, coma, and death. After a serious exposure, symptoms usually begin immediately.

The U.S. National Institute for Occupational Safety and Health (NIOSH) considers air concentrations of hydrogen sulfide gas greater than 100 ppm to be Immediately Dangerous to Life and Health (IDLH).

DELAYED OR OTHER HEALTH EFFECTS:

Cancer: May cause cancer in laboratory animals, but the available information is inadequate to determine if this material can cause cancer in humans.

Risk depends on duration and level of exposure. See Section 11 for additional information.

SECTION 4 FIRST AID MEASURES

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water. If heated material should splash into eyes, flush eyes immediately with fresh water for 15 minutes while holding the eyelids open. Remove contact lenses, if worn. Get immediate medical attention.

Skin: No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, apply a waterless hand cleaner, mineral oil, or petroleum jelly. Then wash with soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse. If the hot material gets on skin, quickly cool in water. See a doctor for extensive burns. Do not try to peel the solidified material from the skin, or use solvents or thinners to dissolve it. The use of vegetable oil or mineral oil is recommended for removal of this material from the skin.

Ingestion: No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.

Inhalation: Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue. If exposure to hydrogen sulfide (H₂S) gas is possible during an emergency, wear an approved, positive pressure air-supplying respirator. Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Note to Physicians: Administration of 100% oxygen and supportive care is the preferred treatment for poisoning by hydrogen sulfide gas. For additional information on H₂S, see Chevron MSDS No. 301.

SECTION 5 FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

Revision Number: 12
Revision Date: 12/31/2002

2 of 8

CHEVRON Asphalt Cement
MSDS: 8504

OSHA Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0

FLAMMABLE PROPERTIES:

Flashpoint: (Cleveland Open Cup) > 450 °F (> 232 °C)

Autoignition: 700 °F (371.1 °C)

Flammability (Explosive) Limits (% by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form oxides of: Sulfur, Nitrogen.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material. If this material is released into a work area, evacuate the area immediately. Persons entering the contaminated area to correct the problem or to determine whether it is safe to resume normal activities must comply with all instructions in the Exposure Controls/Personal Protection section.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. If heated material is spilled, allow it to cool before proceeding with disposal methods.

Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures: This material is typically stored, transported and used at temperatures between 275F (135C) and 360F (183C). Do not use or store near heat, sparks, or open flames. Use or store only in a well-ventilated area. Keep container closed when material is not in use. **DO NOT ADD OR ALLOW WATER TO MIX WITH HOT ASPHALT.** Steam generated eruptions may occur. **STORE AND TRANSPORT ASPHALT ONLY IN PROPERLY VENTED CONTAINERS.** Combustion of asphalt and asphalt vapors may occur. **DO NOT MISHANDLE ASPHALT EQUIPMENT.** Observe manufacturer's guidelines on proper equipment use.

Do not breathe vapor or fumes. Do not breathe vapor or fumes from heated material. Avoid contact of heated material with eyes, skin, and clothing. Smoking, eating and drinking, etc. should be prohibited when skin contact with the product or fume condensate is possible. Workers should clean hands and face before smoking, eating and drinking, etc. Do not use solvents to clean hands and face. Use vegetable oils or mineral oil, followed by a thorough washing with soap and water. Wash thoroughly after handling.

Unusual Handling Hazards: An ignition source should be considered present in large tanks where asphalt is stored at temperatures above 350 F (176.7C). Deposits can form in the vapor space of large asphalt tanks which may ignite as low as 350 F. Pyrophoric iron sulfide, commonly present in such tanks,

may cause ignition below 350 F.

Toxic quantities of hydrogen sulfide (H₂S) may be present in storage tanks and bulk transport vessels which contain or have contained this material. Persons opening or entering these compartments should first determine if H₂S is present. See Exposure Controls/Personal Protection -Section 8. Do not attempt rescue of a person over exposed to H₂S without wearing approved supplied-air or self-contained breathing equipment. If there is a potential for exceeding one-half the occupational exposure standard, monitoring of hydrogen sulfide levels is required. Since the sense of smell cannot be relied upon to detect the presence of H₂S, the concentration should be measured by the use of fixed or portable devices.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice on Static Electricity', and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:

Use in a well-ventilated area. If operating conditions generate vapor or fumes that exceed current government occupational standards, use process enclosures, local-exhaust ventilation, or other engineering controls to control exposure.

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: No eye protection is ordinarily required under normal conditions of use. If this material is heated, wear chemical goggles or safety glasses or a face shield.

Skin Protection: No skin protection is ordinarily required under normal conditions of use. If this material is heated, wear insulated clothing to prevent skin contact if engineering controls or work practices are not adequate to prevent skin contact.

Respiratory Protection: No respiratory protection is normally required. Determine if airborne concentrations are below the recommended exposure limits. If not, wear an approved respirator that provides adequate protection from measured concentrations of this material, such as: Air-Purifying Respirator for Dusts and Mists.

If material is heated and emits hydrogen sulfide, determine if airborne concentrations are below the occupational exposure limit for hydrogen sulfide. If not, wear an approved positive pressure air-supplying respirator. For more information on hydrogen sulfide, see Chevron MSDS No. 301.

Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

Occupational Exposure Limits:

Component	Limit	TWA	STEL	Ceiling	Notation
Asphalt	ACGIH_TLV	.5 mg/m ³			A4

The ACGIH TLV is 0.5 mg/m³ as the benzene extractable portion of the inhalable fraction of asphalt fume. The TLV may also be determined by unspecified 'equivalent' methods.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Black

Physical State: Semi-solid

Odor: Low odor

pH: NA

Vapor Pressure: <0.01 psia

Vapor Density (Air = 1): NA

Boiling Point: >650 °F

Solubility: Soluble in halogenated hydrocarbons and benzene; insoluble in water and alcohols.

Melting Point: 100 - 200 °F (Softening Point)

Specific Gravity: 0.96 - 1.04 @ 15.6 °C / 15.6 °C

Viscosity: 50 - 20000 poise @ 140 °F

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Incompatibility With Other Materials: May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous Decomposition Products: Hydrogen Sulfide (Elevated temperatures)

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS

Eye Irritation: The eye irritation hazard is based on evaluation of data for similar materials or product components.

Skin Irritation: The skin irritation hazard is based on evaluation of data for similar materials or product components.

Skin Sensitization: The skin sensitization hazard is based on evaluation of data for similar materials or product components.

Acute Dermal Toxicity: The acute dermal toxicity hazard is based on evaluation of data for similar materials or product components.

Acute Oral Toxicity: The acute oral toxicity hazard is based on evaluation of data for similar materials or product components.

Acute Inhalation Toxicity: The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components.

ADDITIONAL TOXICOLOGY INFORMATION:

There is concern about the carcinogenicity of chemical compounds found in asphalts. The International Agency for Research on Cancer (IARC) reviewed the carcinogenic potential of asphalts in 1985 and again in 1987. At that time, they concluded there was inadequate evidence to decide that asphalts were carcinogenic to humans. Overall, findings from health monitoring studies of asphalt workers are not conclusive. However, asphalt fume condensates and certain chemical components of asphalt fume have been shown to cause cancer in mice when repeatedly applied to the skin and allowed to remain on the

skin for a prolonged period of time. In addition, asphalt fume condensates have been shown to be weakly positive in Ames mutagenicity tests. Skin contact and breathing of fumes, mists and vapors should be reduced to a minimum.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY

This material is not expected to be harmful to aquatic organisms.

ENVIRONMENTAL FATE

This material is not expected to present an environmental problem.

SECTION 13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

SECTION 14 TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT Shipping Name: ELEVATED TEMPERATURE LIQUID, N.O.S.

DOT Hazard Class: 9 (Miscellaneous)

DOT Identification Number: UN3257

DOT Packing Group: III

SECTION 15 REGULATORY INFORMATION

SARA 311/312 CATEGORIES:

- | | |
|---------------------------------------|-----|
| 1. Immediate (Acute) Health Effects: | NO |
| 2. Delayed (Chronic) Health Effects: | YES |
| 3. Fire Hazard: | NO |
| 4. Sudden Release of Pressure Hazard: | NO |
| 5. Reactivity Hazard: | NO |

REGULATORY LISTS SEARCHED:

- | | |
|---------------------|-------------------------|
| 4_11=IARC Group 1 | 15=SARA Section 313 |
| 4_12A=IARC Group 2A | 16=CA Proposition 65 |
| 4_12B=IARC Group 2B | 17=MA RTK |
| 05=NTP Carcinogen | 18=NJ RTK |
| 06=OSHA Carcinogen | 19=DOT Marine Pollutant |
| 09=TSCA 12(b) | 20=PA RTK |

The following components of this material are found on the regulatory lists indicated.
Asphalt 17, 18, 20

CHEMICAL INVENTORIES:

UNITED STATES: All of the components of this material are on the Toxic Substances Control Act (TSCA) Chemical Inventory.

CANADA: All the components of this material are on the Canadian DSL or have been notified under the New Substance Notification Regulations, but have not yet been published in the Canada Gazette.

WHMIS CLASSIFICATION:

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

SECTION 16 OTHER INFORMATION

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0
 HMIS RATINGS: Health: 1 Flammability: 1 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

Additional Product Number(s):

CPS290003,	CPS290005,	CPS290007,	CPS290008,	CPS290010,	CPS290011,	CPS290012,
CPS290013,	CPS290014,	CPS290015,	CPS290016,	CPS290020,	CPS290021,	CPS290022,
CPS290026,	CPS290029,	CPS290030,	CPS290031,	CPS290032,	CPS291000,	CPS291006,
CPS291009,	CPS291041,	CPS291058,	CPS291075,	CPS291079,	CPS291081,	CPS291084,
CPS291086,	CPS291087,	CPS291099,	CPS291101,	CPS291102,	CPS291108,	CPS291115,
CPS291128,	CPS291153,	CPS291164,	CPS291165,	CPS291167,	CPS291173,	CPS291174,
CPS291175,	CPS291176,	CPS291177,	CPS291190,	CPS291192,	CPS291201,	CPS291208,
CPS291209,	CPS291210,	CPS291231,	CPS291233,	CPS291234,	CPS291235,	CPS291262,
CPS291266,	CPS291269,	CPS291271,	CPS291272,	CPS291273,	CPS291279,	CPS291282,
CPS291295,	CPS291298,	CPS291309,	CPS291316,	CPS291317,	CPS291318,	CPS291319,
CPS291320,	CPS291321,	CPS291322,	CPS291323,	CPS291324,	CPS291325,	CPS291326,
CPS291329,	CPS291330,	CPS291331,	CPS291333,	CPS291336,	CPS291343,	CPS291345,
CPS291352,	CPS291354,	CPS291357,	CPS291358,	CPS291360,	CPS291362,	CPS291363,
CPS291367,	CPS291368,	CPS291389,	CPS291370,	CPS291374,	CPS291375,	CPS291376,
CPS291377,	CPS291378,	CPS291379,	CPS291380,	CPS291381,	CPS291382,	CPS291386,
CPS291387,	CPS291388,	CPS291389,	CPS291390,	CPS291391,	CPS291392,	CPS291393,
CPS291396,	CPS291398,	CPS291399,	CPS291401,	CPS291402,	CPS291404,	CPS291406,
CPS291415,	CPS291417,	CPS291419,	CPS291420,	CPS291426,	CPS291427,	CPS291428,
CPS291429,	CPS291430,	CPS291432,	CPS291433,	CPS291434,	CPS291435,	CPS291436,
CPS291437,	CPS291438,	CPS291439,	CPS291440,	CPS291441,	CPS291442,	CPS291444,
CPS291445,	CPS291447,	CPS291448,	CPS291449,	CPS291450,	CPS291451,	CPS291452,
CPS291453,	CPS291454,	CPS291455,	CPS291456,	CPS291457,	CPS291458,	CPS291459,
CPS291460,	CPS291461,	CPS291462,	CPS291463,	CPS291464,	CPS291465,	CPS291466,
CPS291467,	CPS291468,	CPS291469,	CPS291470,	CPS291471,	CPS291472,	CPS291473,
CPS291474,	CPS291475,	CPS291476,	CPS291477,	CPS291478,	CPS291479,	CPS291480,
CPS291481,	CPS291482,	CPS291483,	CPS291484,	CPS291485,	CPS291486,	CPS291487,
CPS291488,	CPS291489,	CPS291490,	CPS291491,	CPS291492,	CPS291493,	CPS291494,
CPS291495,	CPS291496,	CPS291497,	CPS291498,	CPS291499,	CPS291500,	CPS291501,
CPS291502,	CPS291503,	CPS291504,	CPS291505,	CPS291506,	CPS291507,	CPS291508,
CPS291509,	CPS291510,	CPS291511,	CPS291512,	CPS291513,	CPS291514,	CPS291515,
CPS291516,	CPS291517,	CPS291518,	CPS291519,	CPS291520,	CPS291521,	CPS291522,

CPS291523, CPS291524, CPS291525, CPS291526, CPS291565, CPS291593, CPS291594,
 CPS291595, CPS291599, CPS291601, CPS291602, CPS291603, CPS291604, CPS291605,
 CPS291609, CPS291679, CPS291684, CPS291687, CPS291688, CPS291692, CPS291693,
 CPS291694, CPS291697, CPS291700, CPS291702, CPS291705, CPS291707, CPS291708,
 CPS291710, CPS291712, CPS291715, CPS291717, CPS291719, CPS291725, CPS291730,
 CPS291742, CPS291750, CPS291751, CPS291803, CPS291880, CPS292133, CPS292206,
 CPS292610, CPS292611, CPS292612, CPS293222, CPS294521, CPS294525, CPS294527,
 CPS294544, CPS294546, CPS294547, CPS294548, CPS294549, CPS294566, CPS294568,
 CPS294569, CPS294578, CPS294602, CPS294604, CPS294606, CPS294608, CPS294610,
 CPS294612, CPS294614, CPS294616, CPS294618, CPS294620, CPS294622, CPS294624,
 CPS294626, CPS294628, CPS294634, CPS294674, CPS294676, CPS294678, CPS294680,
 CPS294682, CPS294684, CPS295154, CPS295248, CPS295678, CPS295679, CPS295680,
 CPS295683

REVISION STATEMENT: This revision updates the following sections of this Material Safety Data Sheet: Sections 1 & 16 (Product Codes) and all other sections (prepared using the ProSteward MSDS system).

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV	-	Threshold Limit Value	TWA	-	Time Weighted Average
STEL	-	Short-term Exposure Limit	PEL	-	Permissible Exposure Limit
			CAS	-	Chemical Abstract Service Number
NDA	-	No Data Available	NA	-	Not Applicable
<=	-	Less Than or Equal To	>=	-	Greater Than or Equal To

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the ChevronTexaco Energy Research & Technology Company, 100 Chevron Way, Richmond, California 94802.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Veeder root system

^{2/}
As of 12/07, verification of all Hamilton Ave. personal
shown, how system works.

Anthony Bordenca - 

Kenneth Berntsen - 

Patty Genatempo -

Allen Peddie - 

Abert Grajales -

Robert Treutle -

Colver Dwyer - 

Richard Rajhon - 

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR000061127	2. Page 1 of 1	3. Emergency Response Phone 877 319 0200	4. Manifest Tracking Number 000201633 FLE		
5. Generator's Name and Mailing Address NYC DOT / Hamilton Dist 448 Hamilton Ave, Brooklyn, NY 11232				Generator's Site Address (if different than mailing address) 750			
Generator's Phone: 718-369-4246							
6. Transporter 1 Company Name William J. Lower				U.S. EPA ID Number NJ00982792384			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address CYCLE CHEM INC. 375 SOUTH FIRST ST., ELIZABETH, NJ 07206				U.S. EPA ID Number NJ0002200046			
Facility's Phone: 908 355 5800							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. WASTE MERCURY, B, BIII UN2809 (IAB PACIC) ER6 172	01	DF	1	P	DD09 R	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information a) IAB PACIC DM #300 Mmm-1 5 944 886							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name ANTHONY BORDENCA				Signature Anthony Bordenca		Month Day Year 12 28 06	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name X Edgar F. Gibbs Signature Edgar F. Gibbs Month Day Year 12 28 06 Transporter 2 Printed/Typed Name Signature Month Day Year							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H141 2. 3. 4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Chiana Gibson Signature Chiana Gibson Month Day Year 01 03 07							

CAROL MONTANA

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR02061127	2. Page 1 of 1	3. Emergency Response Phone 718 355 5800	4. Manifest Tracking Number 000201633 FLE		
5. Generator's Name and Mailing Address NYC DOT/HAMILTON DISTRICT 442 HAMILTON AVE. BLDG 1400 NY 11232				Generator's Site Address (if different than mailing address)			
Generator's Phone: 718-355-4246							
6. Transporter 1 Company Name WILLIAM S. LAURE				U.S. EPA ID Number NJ00982792380			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address CYCLE OPEN INC. 300 JEWETT AVENUE ST. ELIZABETH, NJ 07208				U.S. EPA ID Number NJ000220046			
Facility's Phone: 908 355 5800							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. WASTE MERCURY, B. BULK UN2809 (HS SPEC) ETG 172	01	DR	1	P	D011	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information A) HAS SPEC DOT# 300 5							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name ANTHONY BORDENCA				Signature Anthony Bordenca		Month Day Year 12 28 06	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: X Edgar F Gibbs Signature: Edgar F Gibbs Month Day Year: 12 28 06 Transporter 2 Printed/Typed Name: Signature: Month Day Year:							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:							
18b. Alternate Facility (or Generator) Facility's Phone:				U.S. EPA ID Number			
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

U.S. EPA Form 8700-22

Read all instructions before completing this form.

- 1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ____

Enter the total number of pages used to complete this Manifest (i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

- 1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

Item 8: Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.--TYPES OF CONTAINERS

Table with 2 columns listing container abbreviations and their descriptions: BA = Burlap, cloth, paper, or plastic bags; CF = Fiber or plastic boxes, cartons, cases; CM = Metal boxes, cartons, cases (including roll-offs); CW = Wooden boxes, cartons, cases; CY = Cylinders; DF = Fiberboard or plastic drums, barrels, kegs; DM = Metal drums, barrels, kegs; DT = Dump truck; DW = Wooden drums, barrels, kegs; HG = Hopper or gondola cars; TC = Tank cars; TP = Portable tanks; TT = Cargo tanks (tank trucks).

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and do not enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.--UNITS OF MEASURE

Table with 2 columns listing units of measure abbreviations and their descriptions: G = Gallons (liquids only); K = Kilograms; L = Liters (liquids only); M = Metric Tons (1000 kilograms); N = Cubic Meters; P = Pounds; T = Tons (2000 Pounds); Y = Cubic Yards.

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

- 1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Officer's Certifications

- 1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/officer certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.

UNDERLYING HAZARDOUS CONSTITUENTS UNIVERSAL TREATMENT STANDARDS

Regulated constituent Organic Constituents Common name	CAS# ¹	WW mg/l ²	NWW mg/kg ³									
AZ213	30558-43-1	0.042	1.4	2,4-Dinitrotoluene	121-14-2	0.32	140	Silvex(2,4,5-TP)	93-72-1	0.72	7.9	
Acenaphthylene	208-96-8	0.59	3.4	2,6-Dinitrotoluene	606-20-2	0.55	28	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14	
Acenaphthene	83-32-9	0.059	3.4	Di-n-octyl phthalate	228-84-0	0.017	28	TCDDs (All Tetrachlorodibenzo)	NA	0.000063	0.001	
Acetone	67-64-1	0.28	160	Di-n-propylthiourea	621-64-7	0.40	14	TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063	0.001	
Acetonitrile	75-05-8	5.6	38	1,4-Dioxane	123-91-1	12.0	30	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0	
Acetophenone	96-86-2	0.010	9.7	Diphenylamine (difficult to distinguish from diphenylthiourea)	122-39-4	0.92	13	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0	
2-Acetylaminofluorene	53-96-3	0.059	140	Diphenylthiourea (difficult to distinguish from diphenylamine)	86-30-6	0.92	13	Tetrachloroethylene	127-18-4	0.056	6.0	
Acrolein	107-02-8	0.29	NA	Diphenylthiourea (difficult to distinguish from diphenylamine)	86-30-6	0.92	13	2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4	
Acrylamide	79-06-1	19	23	Disulfoton	298-04-1	0.017	6.2	Thiodiuron	59669-26-0	0.019	1.4	
Acrylonitrile	107-13-1	0.24	84	Dithiocarbamates (total)	NA	0.028	28	Thiophanate-methyl	23564-05-8	0.056	1.4	
Aldicarb sulfone	1646-88-4	0.056	0.28	Endosulfan I	959-98-8	0.023	0.066	Tirpate	26419-73-8	0.056	0.28	
Aldrin	309-00-2	0.021	0.066	Endosulfan II	33213-65-9	0.029	0.13	Toluene	108-88-3	0.080	10	
4-Aminobiphenyl	92-67-1	0.13	NA	Endosulfan sulfate	1031-07-8	0.029	0.13	Toxaphene	8001-35-2	0.0095	2.6	
Aniline	62-53-3	0.81	14	Endrin	72-20-8	0.0028	0.13	Thallate	2303-17-5	0.042	1.4	
Anthracene	120-12-7	0.059	3.4	Endrin aldehyde	7421-93-4	0.025	0.13	Trichloromethane/Bromoform	75-25-2	0.63	15	
Aramite	140-57-8	0.36	NA	EPTC	799-94-4	0.042	1.4	2,4,6-Trichlorobenzene	120-82-1	0.055	19	
alpha-BHC	319-84-6	0.00014	0.066	Ethyl acetate	141-78-6	0.34	33	1,1,1-Trichloroethane	71-55-6	0.054	6.0	
beta-BHC	319-85-7	0.00014	0.066	Ethyl benzene	100-41-4	0.057	10	1,1,2-Trichloroethane	79-00-5	0.054	6.0	
delta-BHC	319-86-8	0.023	0.066	Ethyl cyanide/Propanenitrile	107-12-0	0.24	360	Trichloroethylene	79-01-6	0.054	6.0	
gamma-BHC	58-89-9	0.0017	0.066	Ethyl ether	60-29-7	0.12	160	Trichloromonofluoromethane	75-69-4	0.020	30	
Barban	101-27-9	0.056	1.4	bis (2-Ethylhexyl) phthalate	117-81-7	0.28	28	2,4,5-Trichlorophenol	95-95-4	0.18	7.4	
Bendiocarb	22781-23-3	0.056	1.4	Ethyl methacrylate	97-63-2	0.14	160	2,4,5-Trichlorophenoxyacetic acid	93-76-5	0.72	7.9	
Bendicarb phenol	22961-82-6	0.056	1.4	Ethylene oxide	75-21-8	0.12	NA	1,2,3-Trichloropropane	96-18-4	0.85	30	
Benomyl	17804-35-2	0.056	1.4	Fenphur	52-85-7	0.017	1.5	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057	30	
Benzene	71-43-2	0.14	10	Flouranthene	206-44-0	0.068	3.4	Trithylamine	101-44-8	0.081	1.5	
Benz (a) anthracenes	56-55-3	0.059	3.4	Fluorene	86-73-7	0.059	3.4	tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.11	0.10	
Benzal chloride	98-87-3	0.055	6.0	Formetanate hydrochloride	23425-53-9	0.056	1.4	Vermolate	1929-77-3	0.042	1.4	
Benz (b) fluoranthene	205-99-2	0.11	6.8	Formparanate	17702-57-7	0.056	1.4	Xylenes-mixed isomers (sum of o-, m- and p- xylene concentrations)	75-01-4	0.27	6.0	
(difficult to distinguish from benzo (k) fluoranthene)				Heptachlor epoxide	1024-57-3	0.016	0.066	Inorganic Constituents				
Benzo (k) fluoranthene	207-08-9	0.11	6.8	Hexachlorobenzene	118-74-1	0.055	10	Antimony	7440-36-0	1.9	1.15 mg/l TCLP	
(difficult to distinguish from benzo (b) fluoranthene)				Hexachlorobutadiene	87-68-3	0.055	5.6	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP	
Benzo (g,h,i) perylene	191-24-2	0.0055	1.8	Hexachlorocyclopentadiene	77-47-4	0.057	2.4	Barium	7440-39-3	1.2	21 mg/l TCLP	
Benzo (j) pyrene	50-32-8	0.061	3.4	Hx-CDDs (all Hexachlorodibenzo-furans)	NA	0.000063	0.001	Beryllium	7440-41-7	0.82	1.22 mg/l TCLP	
Bromodichloromethane	75-27-4	0.35	15	Isodrin	465-73-6	0.021	0.066	Cadmium	7440-43-9	0.69	0.11 mg/l TCLP	
Bromomethane/Methyl bromide	74-83-9	0.11	15	Isolan	119-38-0	0.056	1.4	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP	
4-Bromophenyl phenyl ether	101-55-3	0.055	15	Isofrole	120-58-1	0.081	2.6	Cyanides (Total) 4	57-12-5	1.2	590	
n-Butyl alcohol	71-36-3	5.6	2.6	Kepon	143-50-0	0.0011	0.13	Cyanides (Amenable) 4	57-12-5	0.86	30	
Butylate	2008-41-5	0.042	1.4	Methyl acrylonitrile	126-98-7	0.24	84	Fluoride 5	16984-48-8	35	NA	
Butyl benzyl phthalate	85-68-7	0.017	28	Methanol	67-56-1	5.6	0.75 mg/l TCLP	Lead	7439-92-1	0.69	0.75 mg/l TCLP	
2-sec-Butyl-4,6-dinitrophenol	88-85-7	0.066	2.5	Methacrylate	80-62-6	0.14	160	Mercury - NWW from Retort	7439-97-6	NA	0.20 mg/l TCLP	
/Dinoseb	6325-2	0.006	0.14	Methacrylene	91-80-5	0.081	1.5	Mercury - All Others	7439-97-6	0.15	0.025/mg/l TCLP	
Carbaryl	10605-21-7	0.056	1.4	Methacrylonitrile	126-98-7	0.24	84	Nickel	7440-02-6	3.98	11 mg/l TCLP	
Carbendazim	1563-66-2	0.006	0.14	Methacrylonitrile	67-56-1	5.6	0.75 mg/l TCLP	Selenium 5	7782-49-2	0.82	5.7 mg/l TCLP	
Carbofuran	1563-39-8	0.056	1.4	Methacrylonitrile	91-80-5	0.081	1.5	Silver	7440-2-4	0.43	0.14 mg/l TCLP	
Carbofuran phenol	75-15-0	3.8	4.8 mg/l TCLP	Methacrylonitrile	2032-65-7	0.056	6.0	Sulfide 5	18496-25-8	14	NA	
Carbon disulfide	75-15-0	3.8	4.8 mg/l TCLP	Methyl acetate	16752-77-5	0.028	1.14	Thallium	7440-28-0	1.4	0.20 mg/l TCLP	
Carbon tetrachloride	56-23-5	0.057	6.0	Methacrylonitrile	72-43-5	0.25	0.18	Vanadium 5	7440-62-2	4.3	1.6 mg/l TCLP	
Carbosulfan	55285-14-8	0.028	1.4	Methacrylonitrile	56-49-5	0.0055	15	Zinc 5	7440-66-6	2.61	4.3 mg/l TCLP	
Chlorodane (alpha and gamma isomers)	57-74-9	0.0033	0.26	Methacrylonitrile	67-72-1	0.055	30					
p-Chloroaniline	106-47-8	0.46	16	Methacrylonitrile	1888-71-7	0.035	30					
Chlorobenzene	108-90-7	0.057	6.0	Methacrylonitrile	193-39-5	0.0055	3.4					
Chlorobenzilate	510-15-6	0.10	NA	Methacrylonitrile	74-88-4	0.19	65					
2-Chloro-1,3-butadiene	126-99-8	0.057	0.28	Methacrylonitrile	78-83-1	5.6	170					
Chlorodibromomethane	124-48-1	0.057	15	Methacrylonitrile	419-38-0	0.056	1.4					
Chloroethane	75-00-3	0.27	6.0	Methacrylonitrile	120-58-1	0.081	2.6					
Bis(2-Chloroethoxy) methane	111-91-1	0.036	7.2	Methacrylonitrile	143-50-0	0.0011	0.13					
Bis(2-Chloroethyl) ether	111-44-4	0.033	6.0	Methacrylonitrile	126-98-7	0.24	84					
Chloroform	67-66-3	0.046	6.0	Methacrylonitrile	67-56-1	5.6	0.75 mg/l TCLP					
Bis (2-Chloroisopropyl) ether	39638-32-9	0.055	7.2	Methacrylonitrile	91-80-5	0.081	1.5					
p-Chloro-m-cresol	59-50-7	0.018	14	Methacrylonitrile	2032-65-7	0.056	6.0					
2-Chloroethyl vinyl ether	110-75-8	0.062	NA	Methyl acetate	16752-77-5	0.028	1.14					
Chloromethane/Methyl chloride	74-87-3	0.19	30	Methyl acrylate	80-62-6	0.14	160					
2-Chloronaphthalene	91-58-7	0.055	5.6	Methyl methacrylate	96-23-3	0.018	NA					
2-Chlorophenol	95-57-8	0.044	5.7	Methyl methacrylate	298-00-0	0.014	4.6					
3-Chloropropylene	107-05-1	0.036	30	Methyl methacrylate	1129-41-5	0.056	1.4					
Chrysene	218-01-9	0.059	3.4	Methyl methacrylate	315-18-4	0.056	1.4					
o-cresol	95-48-7	0.11	5.6	Methyl methacrylate	2212-67-1	0.042	1.4					
m-cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6	Methyl methacrylate	91-20-3	0.059	5.6					
p-cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6	Methyl methacrylate	91-59-8	0.52	NA					
m-Cumenyl methylcarbonate	64-00-6	0.056	1.4	Methyl methacrylate	88-74-4	0.27	14					
Cyclohexanone	108-94-1	0.36	0.75 mg/l TCLP	Methyl methacrylate	100-01-6	0.028	28					
o,p'-DDD	53-19-0	0.023	0.087	Methyl methacrylate	98-95-3	0.068	14					
p,p'-DDD	72-54-8	0.023	0.087	Methyl methacrylate	98-95-8	0.32	28					
o,p'-DDE	3424-82-6	0.031	0.087	Methyl methacrylate	88-75-5	0.028	13					
p,p'-DDE	72-55-9	0.031	0.087	Methyl methacrylate	100-02-7	0.12	29					
o,p'-DDT	789-02-6	0.0039	0.087	Methyl methacrylate	55-18-5	0.40	28					
p,p'-DDT	50-29-3	0.0039	0.087	Methyl methacrylate	62-75-9	0.40	2.3					
Dibenz (a,h) anthracene	53-70-3	0.055	88.2	Methyl methacrylate	924-16-3	0.40	17					
Dibenz (a,e) pyrene	192-65-4	0.061	NA	Methyl methacrylate	10595-95-6	0.40	2.3					
1,2-Dibromo-3-chloropropane	96-12-8	0.11	15	Methyl methacrylate	59-89-2	0.40	2.3					
1,2-Dibromoethane/Ethylene dibromide	106-93-4	0.028	15	Methyl methacrylate	100-75-4	0.013	35					
Dibromomethane	74-95-3	0.11	15	Methyl methacrylate	930-55-2	0.013	35					
m-dichlorobenzene	541-73-1	0.036	6.0	Methyl methacrylate	23135-22-0	0.056	0.28					
O-Dichlorobenzene	95-50-1	0.088	6.0	Methyl methacrylate	56-38-2	0.014	4.6					
p-Dichlorobenzene	106-46-7	0.090	6.0	Methyl methacrylate	126-98-7	0.24	84					
Dichlorodifluoromethane	75-71-8	0.23	7.2	Methyl methacrylate	67-56-1	5.6	0.75 mg/l TCLP					
1,1-Dichloroethane	75-43-3	0.059	6.0	Methyl methacrylate	91-80-5	0.081	1.5					
1,2-Dichloroethane	107-06-2	0.21	6.0	Methyl methacrylate	2032-65-7	0.056	6.0					
1,1-Dichloroethylene	75-35-4	0.025	6.0	Methyl methacrylate	16752-77							

- (1) CAS means Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical its salts, and/or esters, the CAS number is given for the parent compound only.**
- (2) Concentration standards for wastewaters are expressed in mg/l and are based on analysis of composite samples.**
- (3) Except for Metals (EP or TCLP) and Cyanides (Total and Amendable) the nonwastewater treatment standards expressed as a concentration were established, in part, based on incineration in units operated in accordance with the technical requirements of 40 CFR part 264, subpart O or CFR part 265, subpart O, or based on combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions to 40 CFR 268.40 (d). All concentration standards for nonwastewaters are based on analysis of grab samples.**
- (4) Both cyanides (Total) and Cyanides (Amendable) for nonwastewaters are to be analyzed using method 9010 or 9012 found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with sample size of 10 grams and a distillation time of one hour and 15 minutes.**
- (5) Fluoride, selenium, sulfide, vanadium and zinc are not underlying hazardous constituents in characteristic wastes, according to the definition in 268.2(i).**

NOTE: NA means not applicable.



Cycle Chem, Inc.

General Chemical Corporation

217 South First St.
Elizabeth, NJ 07206
Phone: (908) 355-5800
Fax: (908) 355-0562

550 Industrial Drive
Lewisberry, PA 17339
Phone: (717) 938-4700
Fax: (717) 938-3301

133-138 Leland Avenue
Framingham, MA 01702
Phone: (508) 827-5000
Fax: (508) 875-5271

LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM

Generator Name: NYC DOT / Hamilton Plant
Generator EPA ID #: NYR000061127 Manifest #: 201633

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Due to revised LDR notification requirements effective after August 23, 1998, previously approved waste streams will require re-notification on this form with the first shipment after that date. Subsequent notification is not required unless the waste stream changes.

(1) WASTE STREAM INFORMATION

Box A: Check this box if this LDR certification has been supplied with a previous shipment. Additional information and certification is not required on this form.

Box B: Indicate if waste stream is a wastewater (WW) or non-wastewater (NWW) (aqueous waste streams containing < 1% total organic carbon (TOC) and < 1% total suspended solids (TSS) are wastewaters. All other streams are non-wastewaters).

Box C: List all EPA waste codes and subcategory reference letters (if applicable). Alternatively, attach and reference additional pages (e.g. profiles or lab pack slips) containing required information.

Line #	A	B	C
	Previously shipped LDR on file	NWW / WW	EPA Waste Codes and subcategory reference letter (if applicable)
A		NWW	D007
B			
C			
D			

Subcategory Reference Letters (EPA codes not listed here do not have subcategories)

D001	A	Ignitable characteristic wastes, except high TOC ignitable liquids subcategory
D001	B	High TOC (> 10%) ignitable liquid subcategory
D003	A	Reactive sulfide subcategory
D003	B	Reactive cyanide subcategory
D003	C	Water reactive subcategory
D003	D	Other reactive subcategory
D006	A	Cadmium non-battery subcategory
D006	B	Cadmium containing batteries subcategory
D008	A	Lead non-battery subcategory
D008	B	Lead acid batteries subcategory
D009	A	High mercury organic subcategory (> 260 PPM Total Mercury)
D009	B	High mercury inorganic subcategory (> 260 PPM Total Mercury)
D009	C	Low mercury subcategory (< 260 PPM Total Mercury)
D009	D	Mercury wastewater subcategory

15/58/02

ANTHONY BORDENCA

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1
of

43583

3. Generator's Name and Mailing Address

4. Generator's Phone ()

5. Transporter 1 Company Name
AARCO ENVIRONMENTAL SERVICES CORP.

6. US EPA ID Number
N Y R 0 0 0 1 0 7 3 2 6

A. Transporter's Phone
631-586-5900

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Doc. No.
41563

2. Page 1
 of

3. Generator's Name and Mailing Address

448 DOT Hamilton Ave Hamilton Aspn-IT
 Brooklyn NY

4. Generator's Phone

5. Transporter 1 Company Name
AARCO ENVIRONMENTAL SERVICES CORP.

6. US EPA ID Number
NY R 0 0 0 1 0 7 3 2 6

A. Transporter's Phone
631-586-5900

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

NY Oil
 94 Housman St
 Brooklyn NY

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

a. **NON HAZARDOUS - Petroleum Water Mix**

12. Containers
 No. Type

13. Total
 Quantity

14. Unit
 Wt/Vol

201 TT 00.045 GAL

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year
 10 29 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
 11 07 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
3. Generator's Name and Mailing Address <i>HAMILTON Asphalt NYC DOT YARD 14th St + Hamilton Ave Brooklyn NY</i>				
4. Generator's Phone ()				
5. Transporter 1 Company Name AARCO ENVIRONMENTAL SERVICES CORP.	6. US EPA ID Number NYR 000107326	A. Transporter's Phone 631-586-5900		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone		
9. Designated Facility Name and Site Address <i>NY OIL RECOVERY 94 Housman St. Brooklyn NY</i>		10. US EPA ID Number		C. Facility's Phone
11. Waste Shipping Name and Description		12. Containers No.	Type	13. Total Quantity
a. <i>Water / traces of non haz</i>		<i>501</i>	<i>TIT</i>	<i>52</i>
b. <i>petroleum product.</i>				
c.				
d.				
D. Additional Descriptions for Materials Listed Above		E. Handling Codes for Wastes Listed Above <i>N018 128</i>		
15. Special Handling Instructions and Additional Information EMERGENCY PHONE # 631-586-5900				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name		Signature		Month Day Year <i>12 12 07</i>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>Gerard Cellini</i>		Signature		Month Day Year <i>12 21 07</i>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name		Signature		Month Day Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

SPCCP

Handwritten signature or initials, possibly 'S' and 'h'.



NYCDOT Receiving Personnel Responsibilities

The **entire transfer procedure MUST** be monitored by facility personnel to prevent overfilling and spilling.

Trained NYC receiving personnel are responsible for the following:

1. Complete the *Loading/Unloading Checklist* for ALL bulk deliveries (into storage tanks).
2. Ensure *Vehicle Operator Responsibilities* are followed. Instruct the vehicle operator of his responsibilities prior to transfer operations.
3. Before unloading bulk material into a tank, **determine available capacity of the tank.**
4. Ensure absorbent materials are readily available.
5. Inspect storage tanks and related piping for leaks. If leak observed, contain area and try to stop the leak. Do not allow bulk transfer to occur. Follow the facility's Spill Response Procedure accordingly and notify the designated spill prevention coordinator.
6. **Do not open any valves until hoses are connected and tight.** Confirm with vehicle operator connection is tight and give permission to close drain valves and open tank fill valves. Place a drip pan or other container under all hose connections. Leave them in-place until the transfer operations are completed and the hoses are disconnected.
7. If no high-liquid level alarm exists at fill port, then constant communication must be maintained between receiving personnel at the gauge and vehicle operator.
8. Instruct the vehicle operator to discontinue transfer procedures if high level alarm, whistle, etc. sounds. Let the vehicle operator know what the alarm whistle, etc. sounds like prior to beginning the transfer.
9. Monitor for leaks and available tank capacity throughout transfer procedure. If any leaks or spills occur during bulk transfer, stop the transfer immediately and initiate the Spill Response Procedures.
10. After transfer procedure completion, inspect storage tanks and related piping for leaks and maintenance items.
11. All loading/unloading connections (e.g. fill ports) must be capped when not in use.
12. Warn vehicle operator of aboveground piping near vehicle traffic areas to avoid possible collisions with pipes.

NEED
CONTAINER
ON SITE
OR TRUCK
RESPONSIBLE
CANT IS RESPON
SABLE

HORN



Vehicle Operator Responsibilities

Ensure that the following responsibilities of the vehicle operator are carried out:

1. Vehicle operator must have all required safety equipment. If he does not, contact your supervisor immediately and do not allow loading/unloading activities to proceed.
2. Vehicle operator must remain with the vehicle and assume the responsibility of ensuring that no leakage is occurring at the truck-hose connection as long as truck loading/unloading line is connected.
3. Proper grounding must be achieved to prevent static electricity and vehicle engine must be stopped during loading or unloading.
4. Secondary containment must be provided that is capable of holding the volume of the largest compartment of the tank truck.

Storm drains in the vicinity of bulk fuel transfer operations not attached to full containment structures must be physically blocked during the transfer operations using absorbent booms, rubber mats, or metal coverings.

6. A physical barrier system or interlocked warning light system must be in use to prevent accidental drive-off before disconnecting.
7. The lowermost drain and all outlets of the truck must be examined closely for leakage and, if necessary, tighten, adjust, or replace prior to loading the truck.
8. All hoses must be disconnected and secured to vehicle before departing. Drain all oil remaining in the hoses into the drip pans before placing hoses on the truck.

?
WHEN CLEARED
OUT CARLO WILL
GET DRAIN COVERS.

DO NOT
HAVE →

SUPPLIED BY
TRUCKING CO.



Draining Rainwater from Outdoor Containment Structures

Outdoor secondary containment structures must be drained of rainwater after every storm event. Note: Only NYCDOT personnel trained in the NYCDOT SPCC Program may drain rainwater from outdoor secondary containment structures.

Qualified NYCDOT personnel will be responsible as follows:

1. Inspect rainwater to ensure it is free of an oily sheen or other contaminants that may violate the water quality standards imposed by 40 CFR 110 prior to discharge.
2. **If an oily sheen or other contaminant is present, rainwater must not be discharged.** Rainwater must be collected and disposed of according to NYCRR 613.3(c)(6)(iv).
3. Prior to discharge, estimate the quantity of rainwater to be released by average depth measurements or other means.
4. Personnel must be present at all times at or near the drain valve or discharge pump while the draining operation is occurring.
5. Make certain that no liquid is added or removed from a tank while its secondary containment drain valve is open or the discharge pump is operating.
6. Verify that valves are closed and locked once rainwater draining activities are complete.
7. Complete the *Secondary Containment Drainage Log* for each discharge.

SPILL PREVENTION, CONTROL AND COUNTERMEASURES

New York City
Department of Transportation



BULK TRANSFER PROCEDURES

Loading/Unloading Checklist

Date: _____ Time of Delivery: _____

Tank Number: _____ Tank Capacity: _____ GALLONS

Tank level before loading/unloading _____ GALLONS

Tank level after loading/unloading _____ GALLONS

Total loaded/unloaded _____ GALLONS

Absorbent materials available (circle one) yes no

Drip Pans available and in-place (circle one) yes no

Storage tanks and related piping inspected (circle one) yes no

Adequate secondary containment provided (circle one) yes no

Truck examined for leaks prior to leaving facility (circle one) yes no

Any leaks or spills observed (circle one) yes no

If yes, describe measures taken: _____

Wheels blocked on tank truck (circle one) yes no

Truck examined for leaks prior to leaving facility (circle one) yes no

Fill ports capped (circle one) yes no

Acknowledgment of receipt of materials:

Print Name: _____

Date: _____

Signature: _____

*Who fills out form?
WE DO*

SPILL PREVENTION, CONTROL AND COUNTERMEASURES

New York City
Department of Transportation



RAINWATER DISCHARGE PROCEDURES

Secondary Containment Drainage Log

Date	Tank Number(s)	OIL SHEEN Observed? (circle one)	If <u>YES</u> , Actions Taken	If <u>YES</u> , Amt. of Rainwater Collected (incl. units)	If <u>NO</u> , Drainage:		Verify Drainage Valve Closed (✓)	Additional Observations	Drainage Performed By
					START TIME	END TIME			
		YES NO							
		YES NO							
		YES NO							
		YES NO							
		YES NO							
		YES NO							
		YES NO							

NOT FOR RAIN

NYCDOT Petroleum Bulk Storage – Inventory Monitoring Requirements for Underground Storage Tanks (12/10/04)

Maintenance of Inventory Records: Records must be kept for a period of five years; records for the last 90 days must be kept on the premises. If records are not maintained, DEC may require the owner/operator to test the tanks at his own cost.

Directions for 10-Day Inventory Reconciliation Worksheet:

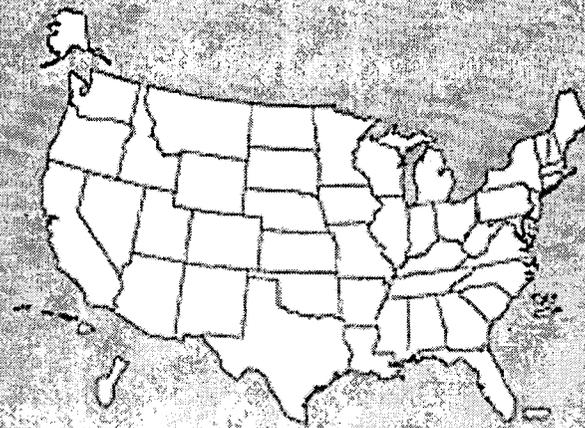
1. Fill in the Tank Identification Number, Product and Tank Volume (Box A).
2. Beginning with Day 1, complete the necessary information as follows:
 - a. Fill in the date.
 - b. At the beginning of the business day, measure the amount of product in the tank to the nearest eighth of an inch using a tank-gauging stick and write the number under the (Start Inventory (inches) and calculate the (gallons) using the conversion chart; or measure the product in the tank using an in-tank gauging system and write this number in the Start Inventory (gallons). **No fuel may be added or removed from the tank while you are performing this step.**
 - c. If product was delivered, write the number of gallons delivered in the Gallons Delivered column. **No fuel may be added or removed from the tank while you are performing this step.** If no product was delivered, enter a zero in this column.
 - d. At the end of the day, determine the number of gallons pumped from the tank using the totalizer. Write this number in the column labeled Gallons Pumped.
 - e. Calculate the book Inventory (gallons) in the following manner. Add the Start Inventory to the Gallons Delivered, and from this number subtract the Gallons Pumped. Write this result in the column for Book Inventory.
 - f. At the end of the day, measure the number of gallons of product present in the tank using a tank-gauging stick to the nearest eighth of an inch and write this in End Inventory (inches) with the corresponding number from the conversion chart in the (gallons) column, or use an in-tank gauging system to measure the gallons in the tank and write this under End Inventory (gallons).
 - g. Calculate the Daily Over/Under by taking the number of gallons from the End Inventory and subtracting the value determined for Book inventory. Write this number in the column labeled Daily Over/Under (end-book). Note: If the Book Inventory is greater than the End Inventory, the result will be negative and will be subtracted when calculating Total Daily Over/Under in the following steps.
 - h. Measure the amount of water present in the tank in inches to the nearest eighth of an inch. An accumulation of water present in the tank greater than one inch **MUST** be pumped out of the tank. If there is a recurring accumulation of water in the bottom of the tank, an investigation **MUST** be initiated to determine the possible causes. The DOT location must notify their Supervisor immediately. The Supervisor will notify DOT Facilities Department at (718) 793-7316 immediately. If within **48 hours** the causes cannot be explained by factors not related to leakage, the DOT Facilities Department will make the appropriate notification to NYSDEC. The tank must be taken temporarily out of service until such time that an inspection and/or a tightness test is performed, the cause is determined and necessary repairs or replacements are made.
3. Repeat Step 2 for Day 2 through Day 10.
4. Determine the Total Gallons Delivered by adding the numbers for Day 1 through Day 10 located in the column marked Gallons Delivered. Place this number in Box B.
5. Add the numbers in the column labeled Gallons Pumped for Day 1 through Day 10. This is the Total Gallons Pumped and should be written in Box C.
6. Calculate the Total Daily Over/Under (Box D) by adding the results in the Daily Over/Under column from Day 1 through Day 10.
7. In order to complete the Leak Check determine the largest number from Box A, Box B, or Box C and write this number in Box E.
8. Take the number in Box E and multiply by 0.0075. The result is the Allowable Variance and should be written in Box F.
9. Compare the Allowable Variance (Box F) to the Total Daily Over/Under (Box D). Note: If the number calculated for Total Daily Over/Under is negative, ignore the negative sign and use the number portion only.
 - a. If the Allowable Variance (Box F) is larger than the total Daily Over/Under (Box D) then the inventory does not indicate a leak.
 - b. If the Total Daily Over/Under (Box D) is larger than the Allowable Variance (Box F) then the inventory indicates a possible loss or gain exceeding the Allowable Variance and an investigation **MUST** be initiated to determine the possible causes. The DOT location must notify their Supervisor immediately. The Supervisor will notify the DOT Facilities Department at (718) 793-7316 immediately. If within **48 hours** the causes cannot be explained by inaccurate bookkeeping, temperature variations or other factors not related to leakage, the DOT Facilities Department will make the appropriate notification to NYSDEC. The tank must be taken temporarily out of service until such time that an inspection and/or a tightness test is performed, the cause is determined and necessary repairs or replacements are made.



United States Environmental Protection Agency

SPILL PREVENTION, CONTROL AND COUNTERMEASURE (SPCC) REGULATION

40 CFR 112



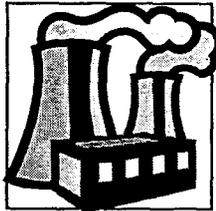
A Facility Owner/Operator's Guide to Oil Pollution Prevention

1. What is a non-transportation-related facility?

A non-transportation-related facility (including all equipment and appurtenances) may include but is not limited to:



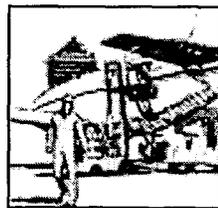
Oil Drilling



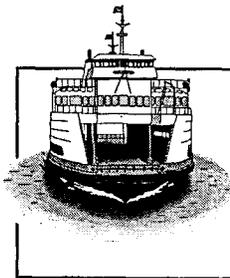
Power Generators



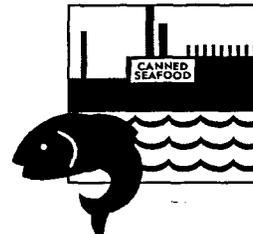
Oil Refineries



Airports



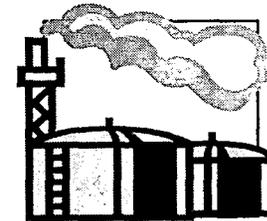
Marinas



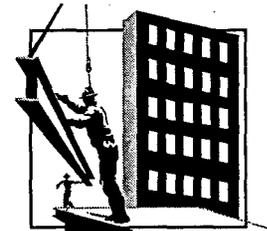
Fish Canneries



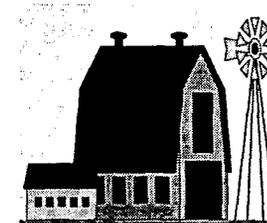
Oil Production



Oil Storage



Construction Sites



Farms

- Fixed onshore and offshore oil well drilling facilities;
- Mobile onshore and offshore oil well drilling platforms, barges, trucks or other mobile facilities when in a fixed position;
- Fixed onshore and offshore oil production structures, platforms, derricks and rigs (including separators and storage facilities);
- Mobile onshore and offshore oil production facilities (including separators and storage facilities);
- Oil refining or storage facilities;
- Industrial, commercial, agricultural, or public facilities using or storing oil;
- Certain waste treatment facilities;
- Loading racks, transfer hoses, loading arms and other equipment appurtenant to a non-transportation related facility;
- Highway vehicles and railroad cars used to transport oil exclusively within the confines of a non-transportation related facility; and
- Pipeline systems used to transport oil exclusively within the confines of a non-transportation-related facility.

2. What is considered Bulk Oil Storage Capacity?

The revised rule recognizes that oil is sometimes stored in bulk and sometimes used operationally. A bulk storage container is any container storing oil at a facility. Bulk oil storage containers may include, but are not limited to tanks, containers, drums, and mobile or portable totes. Operational use includes oil-filled electrical equipment and manufacturing equipment. Operational use of oil is not subject to the rule's bulk storage requirements. (See §112.8 for bulk storage requirements). The shell capacity of the container (maximum volume) must be considered and not the actual amount of product stored in the container (operational volume).

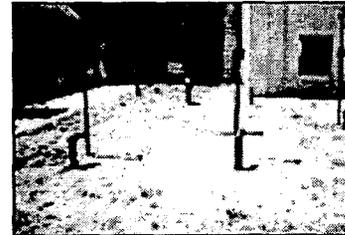
A facility may be subject to SPCC rule if it has at least one of the following oil storage capacities:

- If a facility has a total aboveground oil storage capacity greater than 1,320 gallons; or



- If a facility has a completely buried oil storage capacity greater than 42,000 gallons;

When calculating oil storage capacity, the facility should not count containers with less than 55 gallons; completely buried tanks that are subject to all of the technical requirements of the Underground Storage Tank (UST) Regulation (40 CFR part 280) or all of the technical requirements of a state UST program approved under 40 CFR part 281; containers that are permanently closed as defined in 40 CFR part 112.2; or parts of the facility used exclusively for wastewater treatment and not used to satisfy any requirement of 40 CFR part 112. (The production, recovery, or recycling of oil is not considered wastewater treatment).



3. *What types of oil does the rule address?*

The term oil means oil of any kind or in any form, including, but not limited to: petroleum; fuel oil; sludge; oil refuse; oil mixed with wastes other than dredged spoil; fats, oils or greases of animal, fish, or marine mammal origin; vegetable oils, including oil from seeds, nuts, fruits, or kernels; and other oils and greases, including synthetic oils and mineral oils.

4. *How do I determine if my facility could reasonably discharge oil into or upon navigable waters or adjoining shorelines?*

This determination is based solely upon a consideration of the geographical and locational aspects of the facility. The location of the facility must be considered in relation to streams, ponds and ditches (perennial or intermittent), storm or sanitary sewers, wetlands, mudflats, sandflats, or other navigable waters. The distance to navigable waters, volume of material stored, worse case weather conditions, drainage patterns, land contours, soil conditions, etc., must also be taken into account.

In addition, according to the rule, this determination may NOT include consideration of man-made features such as dikes, equipment or other structures which may serve to restrain, hinder, contain or prevent an oil discharge.



DID YOU KNOW?

A spill of only *one*
gallon of oil can
contaminate a *million*
gallons of water.

What do I have to do now?

A facility which meets the four criteria described above must comply with the SPCC rule. The SPCC rule requires the owner or operator of a facility existing before August 16, 2002, to amend, if necessary, the SPCC Plan on or before February 17, 2003, and to implement the amended Plan by August 18, 2003. The owner or operator of a facility that becomes operational after August 16, 2002, through August 18, 2003, must prepare and implement a Plan on or before August 18, 2003. The owner or operator of a facility which becomes operational after August 18, 2003, must prepare and implement a Plan before beginning operations. This Plan must be prepared in accordance with good engineering practices.

No matter who prepares your SPCC Plan, remember that ultimately it is the owner or operator who is responsible for complying with the rule. A copy of the rule is available on our website at www.epa.gov/oilspill. You may also call or write to the nearest EPA office listed on the following page.

Although each SPCC Plan is unique to the facility, there are certain elements that must be included in order for the SPCC Plan to comply with the provisions of 40 CFR 112. Three areas which should be addressed in the Plan are: 1) operating procedures the facility implements to prevent oil spills; 2) control measures installed to prevent oil from entering navigable waters or ad-

joining shorelines; and 3) countermeasures to contain, cleanup, and mitigate the effects of an oil spill that has an impact on navigable waters or adjoining shorelines. Some other important elements of an SPCC Plan include, but are not limited to, the following:

- Professional Engineer certification
- Plan must follow the sequence of 40 CFR 112.7 or provide cross-references to the requirements in 40 CFR 112.7
- Facility diagram
- Oil spill predictions
- Facility drainage
- Facility inspections
- Site security
- Five-year Plan review
- Management approval
- Appropriate secondary containment or diversionary structures
- Loading/unloading requirements and procedures for tank car and tank trucks
- Personnel training and oil discharge prevention briefings
- Brittle fracture evaluations
- Bulk storage container compliance
- Transfer procedures and equipment (including piping)

Whom should I contact if I want more information?

If you have questions regarding the U.S. EPA, SPCC Program, please call or write:

U.S. EPA Headquarters
Director, Oil Program (5203G)
Ariel Rios Building
1200 Pennsylvania Avenue
Washington, DC 20460
703-603-8760

SPCC/FRP Coordinator
U.S. EPA Region I (HBR)
One Congress Street, Suite 1100
Boston, MA 02114-2023
617-918-1265
CT, ME, MA, NH, RI, and VT

SPCC Coordinator
U.S. EPA Region II (MS211)
2890 Woodbridge Avenue
Building 209
Edison, NJ 08837-3679
732-321-6654
NJ, NY, PR, and USVI

SPCC Coordinator
U.S. EPA Region III (3HS32)
1650 Arch Street
Philadelphia, PA 19103-2029
215-814-3292
DE, DC, MD, PA, VA, and WV

SPCC/FRP Coordinator
U.S. EPA Region IV
61 Forsyth Street
Atlanta, GA 30365-3415
404-562-8768
AL, FL, GA, KY, MS, NC, SC, and TN

Oil Program Section Chief
U.S. EPA Region V (SE5J)
77 West Jackson Boulevard
Chicago, IL 60604-3590
312-353-8200
IL, IN, MI, MN, OH, and WI

SPCC/FRP Coordinator
U.S. EPA Region VI (6SF-RO)
1445 Ross Avenue
Dallas, TX 75202-2733
214-665-6489
AR, LA, NM, OK, and TX

Oil/SPCC Coordinator
U.S. EPA Region VII (SUPRER+R)
901 North 5th Street
Kansas City, KS 66101
913-551-7050
IA, KS, MO, and NE

Oil Program Coordinator
U.S. EPA Region VIII (8EPR-SA)
999 18th Street, Suite 500
Denver, CO 80202-2466
303-312-6839
CO, MT, ND, SD, UT, and WY

Oil Team/SPCC Coordinator
U.S. EPA Region IX (SFD1-4)
75 Hawthorne Street
San Francisco, CA 94105
415-972-3075
AZ, CA, HI, NV, AS, GU

SPCC/FRP Coordinator
U.S. EPA Region X (ECL-116)
1200 6th Avenue
Seattle, WA 98101
206-553-1671
AK, ID, OR, and WA

Alaska SPCC/FRP Coordinator
U.S. EPA Alaska Operations Office
222 West 7th Avenue, #19
Anchorage, AK 99513-7588
907-271-5083

To visit the Oil Prevention Program's national newsletter,

"The Oil Spill Program Update," check our website at www.epa.gov/oilspill. □

**As always, to report an oil or chemical spill,
call the National Response Center at (800) 424-8802.**

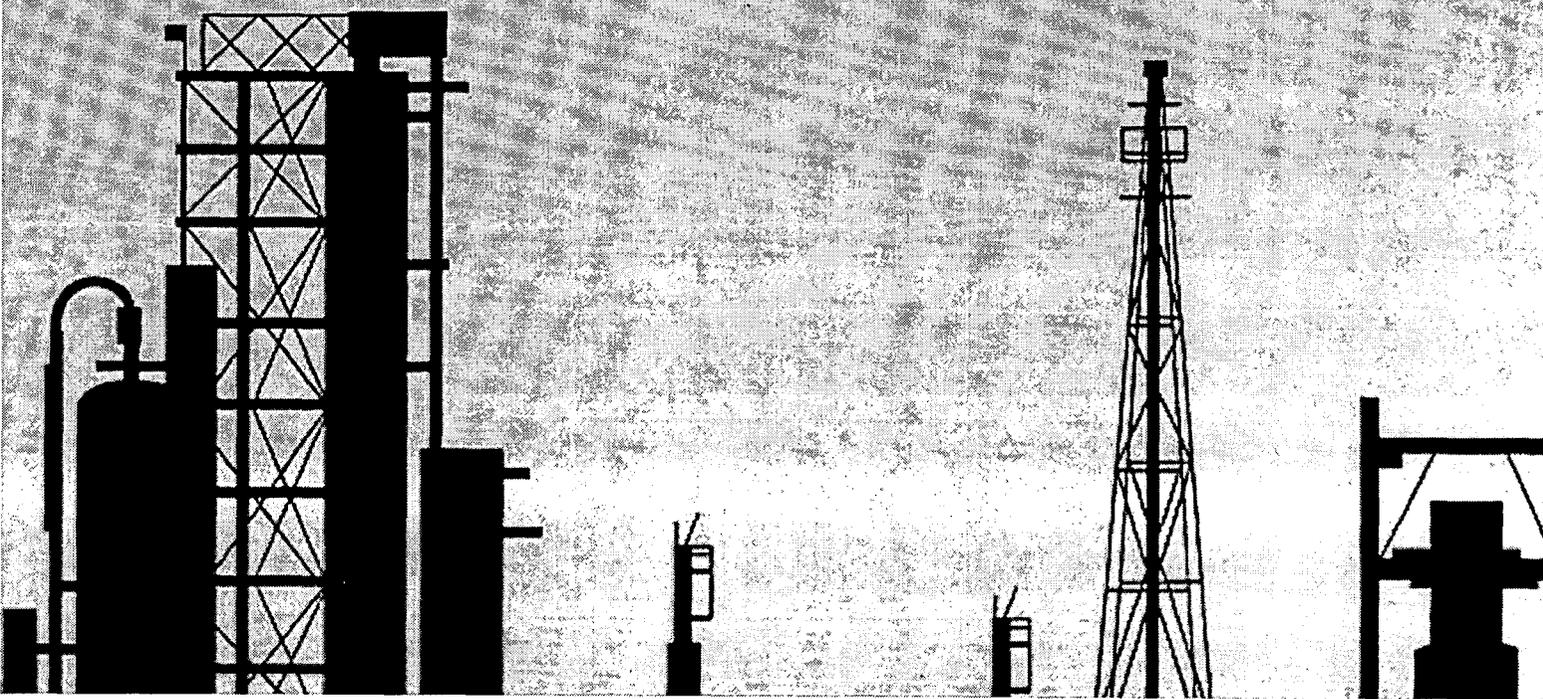


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**United States
Environmental Protection
Agency**

**Office of Emergency and
Remedial Response
Oil Program Center**

**EPA 540-K-02-006
OSWER 9360.8-52
October 2002**



APPLICABILITY OF THE SPCC RULE

2.1 Introduction

The SPCC rule regulates non-transportation-related onshore and offshore facilities that could reasonably be expected to discharge oil into navigable waters of the United States or adjoining shorelines. This chapter clarifies the facilities, activities, and equipment that are subject to the SPCC rule. It is the responsibility of the facility owner/operator to make the determination whether the facility is subject to the requirements of the SPCC rule. This determination is subject to review by the Regional Administrator or his delegated representative.

2.1.1 Summary of General Applicability

Section 112.1 establishes the general applicability of the SPCC rule by describing both the facilities, activities, and equipment that are subject to the rule and those that are excluded. In general, SPCC-regulated facilities are non-transportation-related, have aboveground oil storage capacity of more than 1,320 gallons on site, and could reasonably be expected to discharge oil to navigable waters or adjoining shorelines in quantities that may be harmful. Facilities owned and operated by federal government agencies are subject to the regulation to the same extent as any other facility (although the federal government is not subject to civil penalties). Likewise, facilities owned and operated by state and local governments are subject to the regulation. Section

112.1(d) describes the facilities, activities, and equipment excluded from the rule based on jurisdiction or through exemptions or exclusions from storage capacity calculations. Exemptions pertain to whether a facility or part thereof is included in the SPCC-regulated universe, and exclusions from storage capacity determine which containers count when determining a facility's total oil storage capacity. In addition to facilities that are excluded from the SPCC rule because they are not subject to EPA's jurisdiction, §112.1(d) exempts:

- Any facility where the storage capacity of completely buried storage tanks and associated piping and equipment does not exceed 42,000 gallons *and* the aggregate aboveground storage capacity does not exceed 1,320 gallons;
- Any container with a storage capacity less than 55 gallons at a facility, whether or not subject to the requirements of the SPCC rule; and
- Any facility or part thereof used exclusively for wastewater treatment.

§112.1(b)

...this part applies to any owner or operator of a non-transportation-related onshore or offshore facility engaged in drilling, producing, gathering, storing, processing, refining, transferring, distributing, using, or consuming **oil and oil products**, which due to its location, could reasonably be expected to discharge oil in quantities that may be harmful, as described in part 110 of this chapter, into or upon the navigable waters of the United States or adjoining shorelines...

Note: The above text is an excerpt of the SPCC rule. Emphasis added. Refer to 40 CFR part 112 for the full text of the rule.

Exclusions from storage capacity calculations include:

- Containers with a storage capacity of less than 55 gallons;
- Storage containers used exclusively in wastewater treatment;
- Completely buried tanks and associated piping and equipment that are subject to all of the technical requirements under 40 CFR part 280 or 281; and
- The capacity of any “permanently closed” aboveground storage container.

Notwithstanding the exemptions and exclusions provided in §112.1(d), under §112.1(f) the Regional Administrator has discretion to require the owner or operator of any facility, subject to EPA’s jurisdiction under §311(j) Clean Water Act (CWA), to submit an SPCC Plan, or part of an SPCC Plan, in order to carry out the purposes of the CWA.

This chapter further explains each of the applicability criteria listed in §112.1 and provides examples of how these criteria are applied. The remainder of this chapter is organized as follows:

- **Section 2.2** discusses the definition of “oil” and the regulated activities.
- **Section 2.3** discusses the difference between “transportation-related” and “non-transportation-related” facilities in determining jurisdiction of regulatory agencies.
- **Section 2.4** discusses the term “reasonable expectation of discharge to navigable waters in quantities that may be harmful.”
- **Section 2.5** addresses the storage capacity thresholds and the methods of calculating storage capacity.
- **Section 2.6** addresses the exemptions to the SPCC rule.
- **Section 2.7** discusses the process for a Regional Administrator to determine applicability, outside of §112.1(d) requirements.
- **Section 2.8** addresses the applicability of the rule requirements to oil-filled equipment (including manufacturing or process equipment), in contrast to bulk storage containers.
- **Section 2.9** discusses the applicability of Facility Response Plans (FRPs).
- **Section 2.10** describes the role of the EPA inspector.

2.2 Definition of Oil and Activities Involving Oil

The SPCC rule applies to facilities with the potential to discharge "oil" in quantities that may be harmful to navigable waters and adjoining shorelines. The SPCC rule's definition of oil originated from the Clean Water Act (CWA). Section 311(a)(1) of the CWA defines oil as "oil of any kind or in any form, including, but not limited to, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil." Petroleum oils include crude and refined petroleum products, asphalt, gasoline, fuel oils, mineral oils, naphtha, sludge, oil refuse, and oil mixed with wastes other than dredged spoil (67 FR 47075).

§112.2

Oil means oil of any kind or in any form, including, but not limited to: fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oils, including oils from seeds, nuts, fruits, or kernels; and, other oils and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil.

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

The U.S. Coast Guard (USCG) compiled a list of substances it considers oil, based on the CWA definition. The list is available on the USCG Web site.¹ Note, however, that the USCG list is not comprehensive and does not define "oil" for purposes of 40 CFR part 112. EPA may determine that a substance, chemical, material, or mixture is an oil even if it is not on the USCG list.

2.2.1 Animal Fats and Vegetable Oils

Oil covered under the SPCC regulation is further described in 40 CFR 112.2 as including "fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oils, including oils from seeds, nuts, fruits, or kernels; and, other oils and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil." Oil includes animal fats and vegetable oils.

2.2.2 Synthetic Oils

The SPCC rule applies to synthetic oils. Synthetic oils are used in a wide range of applications, including as heat transfer fluids, engine fluids, hydraulic and transmission fluids, metalworking fluids, dielectric fluids, compressor lubricants, and turbine lubricants. Synthetic oils are created by chemical synthesis rather than by refining petroleum crude or extracting from plant seeds. The base materials from which synthetic oils are synthesized include glycols, esters, polyalphaolefins, aromatics, silicone fluids, Group III base oils, and others. Because of their origin, synthetic oils are generally covered under subpart B of 40 CFR 112, which covers "petroleum oils and *non-petroleum oils*..." Certain oils are synthesized from plant material, and thus may be considered with animal fats and vegetable oils under subpart C of 40 CFR part 112, which, as

¹ See the "List of Petroleum and Non-Petroleum Oils" on the USCG Web site at <http://www.uscg.mil/vrp/faq/oil.shtml>.

discussed below, applies to “animal fats and oils and greases, and fish and marine mammal oils; and...vegetable oils, including oils from seeds, nuts, fruits, and kernels.”

2.2.3 Determination of “Oil” for Natural Gas and Hazardous Substances

Natural Gas

Natural gas (including liquid natural gas and liquid petroleum gas) is not considered an oil. EPA does not consider highly volatile liquids that volatilize on contact with air or water, such as liquid natural gas or liquid petroleum gas, to be oil (67 FR 47076). Petroleum distillate or oil that is produced by natural gas wells and stored at atmospheric pressure and temperature (commonly referred to as condensate or drip gas), however, is considered an oil.

Dry gas production facilities are not subject to the SPCC rule. A dry gas production facility produces natural gas from a well (or wells) but does not also produce condensate or crude oil that can be drawn off the tanks, containers, or other production equipment at the facility. EPA has clarified that a dry gas production facility does not meet the description of an “oil production, oil recovery, or oil recycling facility” for which the wastewater treatment exemption would apply under §112.1(d)(6).² See excerpt below:

Notice Concerning Certain Issues Pertaining to the July 2002 Spill Prevention, Control, and Countermeasure (SPCC) Rule, (May 25, 2004)

The Agency has been asked whether produced water tanks at dry gas facilities are eligible for the SPCC rule’s wastewater treatment exemption at 40 CFR 112.7(d)(6). A dry gas production facility is a facility that produces natural gas from a well (or wells) from which it does not also produce condensate or crude oil that can be drawn off the tanks, containers or other production equipment at the facility.

The SPCC rule’s wastewater treatment exemption excludes from 40 CFR part 112 “any facility or part thereof used exclusively for wastewater treatment and not used to satisfy any requirement of this part.” However, for the purposes of the exemption, the “production, recovery, or recycling of oil is not wastewater treatment.” In interpreting this provision, the preamble to the final rule states that the Agency does “not consider wastewater treatment facilities or parts thereof at an oil production, oil recovery, or oil recycling facility to be wastewater treatment for purposes of this paragraph.”

It is our view that a dry gas production facility (as described above) would not be excluded from the wastewater treatment exemption based on the view that it constitutes an “oil production, oil recovery, or oil recycling facility.” As discussed in the preamble to the July 2002 rulemaking, “the goal of an oil production, oil recovery, or oil recycling facility is to maximize the production or recovery of oil. . . .” 67 FR 47068. A dry gas facility does not meet this description.

See 69 FR 29729, 29730.

Wet gas production facilities are subject to the SPCC rule. In addition to natural gas, wet gas production facilities produce condensate or crude oil that can be drawn off the tanks,

² “Notice Concerning Certain Issues Pertaining to the July 2002 Spill Prevention, Control, and Countermeasure (SPCC) Rule,” 69 FR 29728, May 25, 2004.

containers, or other production equipment at the facility. Since wet gas production facilities produce and store condensate, which is considered an oil, they are regulated under the SPCC rule.

Hazardous Substances and Hazardous Waste

The definition of "oil" in §112.2 includes "oil mixed with wastes other than dredged spoil." Oils covered under the SPCC rule therefore include certain hazardous substances or hazardous wastes that are mixed with oil, as well as certain hazardous substances or hazardous wastes that are themselves oils. Containers storing these substances may also be covered by other regulations, such as the Resource Conservation and Recovery Act (RCRA), or the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also known as Superfund. Inspectors should evaluate whether containers storing hazardous substances or mixtures of wastes contain oil. Although the rule contains an exemption for completely buried tanks that are subject to all underground storage tank (UST) technical requirements of 40 CFR part 280 and/or a state program approved under part 281, tanks containing RCRA hazardous wastes are not subject to the UST rules, and therefore are not exempt under §112.1(d)(2)(i) or (4) if they contain oil.

Hazardous substances that are neither oils nor mixed with oils are not subject to SPCC rule requirements.

2.2.4 Activities Involving Oil

Section 112.1(b) specifies that the owners or operators of facilities involved in one or more of the following oil-related activities are regulated under the SPCC rule, provided they meet the other applicability criteria in §112.1: "drilling, producing, gathering, storing, processing, refining, transferring, distributing, using, or consuming oil and oil products." Table 2-1 provides examples of these activities.

§112.1(b)

...this part applies to any owner or operator of a non-transportation-related onshore or offshore facility engaged in **drilling, producing, gathering, storing, processing, refining, transferring, distributing, using, or consuming** oil and oil products....

Note: The above text is an excerpt of the SPCC rule. Emphasis added. Refer to 40 CFR part 112 for the full text of the rule.

Table 2-1. Examples of oil-related activities that may be regulated under 40 CFR part 112.

Activity	Examples of Oil-related Regulated Activities
<i>Drilling</i>	Drilling a well to extract crude oil or natural gas and associated products (such as wet natural gas) from a subsurface field.
<i>Producing</i>	Extracting product from a well and separating the crude oil and/or gas from other associated products (e.g., water, sediment).
<i>Gathering</i>	Collecting oil from numerous wells, tank batteries, or platforms and transporting it to a main storage facility, processing plant, or shipping point.
<i>Storing</i>	Storing oil in containers prior to use, while being used, or prior to further distribution in commerce.
<i>Processing</i>	Treating oil using a series of processes to prepare the oil for commercial use, consumption, further refining, manufacturing, or distribution.
<i>Refining</i>	Separating crude oil into different types of hydrocarbons through distillation, cracking, reforming, and other processes; separating animal fats and vegetable oils from free fatty acids and other impurities.
<i>Transferring</i>	Transferring oil between containers, such as between a railcar or tank truck and a bulk storage container, or between stock tanks and manufacturing equipment.
<i>Distributing</i>	Selling or marketing oil for further commerce or moving oil using equipment such as highway vehicles, railroad cars, or pipeline systems. Note that businesses commonly referred to as oil distributors and retailers commonly are also "storing" oil, as described above.
<i>Using</i>	Using oil for mechanical or operational purposes in a manner that does not significantly reduce the quantity of oil, such as using oil to lubricate moving parts, provide insulation, or for other purposes in electrical equipment, electrical transformers, and hydraulic equipment.
<i>Consuming</i>	Consuming oil in a manner that reduces the amount of oil, such as burning as fuel in a generator.

2.3 "Non-transportation-related" Facilities – EPA/DOT Jurisdiction

2.3.1 Definition of Facility

The extent of a "facility" under SPCC depends on site-specific circumstances. Factors that may be considered relevant in delineating the boundaries of a facility for SPCC purposes may include, but are not limited to:

- Ownership, management, and operation of the buildings, structures, equipment, installations, pipes, or pipelines on the site;
- Similarity in functions, operational characteristics, and types of activities occurring at the site;
- Adjacency; or

- Shared drainage pathways (e.g., same receiving waterbodies).

The facility owner or operator, or a Professional Engineer (PE) on behalf of the facility owner/operator, determines what constitutes the "facility." Note that the facility determination for purposes of the SPCC rule should be the same as that used to determine FRP applicability.

While the facility owner/operator has some discretion in defining the parameters of the facility, the boundaries of a facility should not be drawn to purposely avoid regulation under 40 CFR part 112. For example, two contiguous operational areas, each with 700 gallons in aboveground storage capacity, that have the same owner, perform similar functions, are attended by the same personnel, and are in other ways indistinguishable from each other, would reasonably be expected to represent a single facility under the SPCC rule, and would therefore be required to have an SPCC Plan, since the capacity of this facility is above the 1,320-gallon aboveground threshold. These two operational areas would not be defined as two separate facilities under the definition of "facility" in §112.2.

Alternatively, a single facility may be composed of various oil-containing areas spread over a relatively large campus. For instance, different operational areas within a military base may be considered a single facility. The military base may not necessarily include single-family homes occupied by military personnel as part of the facility if these are considered personal space similar to civilian single-family residences. However, the facility may include larger military barracks for which a branch of the military controls, operates, and maintains the space.

If a facility is regulated under the SPCC rule, it is the responsibility of the facility owner and operator to ensure that an SPCC Plan is prepared. A site may have multiple owners and/or operators, and therefore can have several facilities. Factors to consider in determining which owner or operator should prepare the Plan include who has control over day-to-day operations of the facility or particular containers and equipment, who trains the employee(s) involved in oil handling activities, who will conduct the required inspections and tests, and who will be responsible for responding to and cleaning up any discharge of oil. EPA expects that the owners and operators will cooperate to prepare one or more Plans, as appropriate.

SPCC facilities include not only permanent facilities with fixed storage and equipment, but also those that have only standby, temporary, and seasonal storage as described under §112.1(b)(3), as well as construction facilities. Mobile facilities are addressed in §112.3(c), which allows such facilities to create a general Plan, instead of developing a new Plan each time the facility is moved to a new location.

§112.2

Facility means any mobile or fixed, onshore or offshore building, structure, installation, equipment, pipe, or pipeline (other than a vessel or a public vessel) used in oil well drilling operations, oil production, oil refining, oil storage, oil gathering, oil processing, oil transfer, oil distribution, and waste treatment, or in which oil is used, as described in Appendix A to this part. The boundaries of a facility depend on several site-specific factors, including, but not limited to, the ownership or operation of buildings, structures, and equipment on the same site and the types of activity at the site.

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

2.3.2 Determination of Transportation-related and Non-transportation-related Facilities

Facilities are divided into three categories: transportation-related facilities, non-transportation-related facilities, and complexes. The determination of transportation-related and non-transportation-related facilities has been established through a series of Executive Orders (EOs) and Memoranda of Understanding (MOUs) as described below.

Onshore and certain offshore non-transportation-related facilities (and portions of a complex) are subject to the SPCC regulation, provided they meet the other applicability criteria set forth in §112.1. A facility with both transportation-related and non-transportation-related activities is a “complex” and is subject to the dual jurisdiction of EPA and DOT. The jurisdiction over a component of a complex is determined by the activity occurring at that component. An activity might at one time subject a facility to one agency’s jurisdiction, and a different activity at the same facility using the same structure or equipment might subject the facility to the jurisdiction of another agency. Which activity would be subject to EPA jurisdiction and which activity would be subject to DOT jurisdiction is defined by the 1971 DOT-EPA MOU.

A 1971 MOU between EPA and DOT clarifies the types of facilities, activities, equipment, and vessels that are meant by the terms “transportation-related onshore and offshore facilities” and “non-transportation-related onshore and offshore facilities.” DOT delegated authority over vessels and transportation-related onshore and offshore facilities to the Commandant of the U.S. Coast Guard.³ Sections of the MOU between EPA and DOT are included in Appendix A of 40 CFR part 112. Section 112.1(d)(1)(ii) specifically exempts from SPCC applicability any equipment, vessels, or facilities subject to the authority and control of the DOT as defined in this MOU.

A 1994 MOU among the Secretary of the Interior, the Secretary of Transportation, and the Administrator of EPA establishes the jurisdictional responsibilities for offshore facilities, including pipelines. This MOU can be found in Appendix B of 40 CFR part 112. Section 112.1(d)(1)(iii) specifically exempts from SPCC applicability any equipment, vessels, or facilities subject to the authority of the DOT or DOI as defined in this MOU.

Table 2-2 provides examples of transportation-related and non-transportation-related facilities as the concepts apply to the SPCC rule applicability. Some equipment, such as loading arms and transfer hoses, may be considered either transportation-related or non-transportation-related depending on their use.

³ The USCG was reorganized under the Department of Homeland Security in March 2003.

Table 2-2. Examples of transportation-related and non-transportation-related facilities from the 1971 DOT-EPA Memorandum of Understanding.

Transportation-related Facilities (DOT Jurisdiction)	Non-Transportation-related Facilities (EPA Jurisdiction)
<ul style="list-style-type: none"> • Onshore and offshore terminal facilities, including transfer hoses, loading arms, and other equipment used to transfer oil in bulk to or from a vessel, including storage tanks and appurtenances for the reception of oily ballast water or tank washings from vessels • Transfer hoses, loading arms, and other equipment appurtenant to a non-transportation-related facility used to transfer oil in bulk <i>to or from a vessel</i> • Interstate and intrastate onshore and offshore pipeline systems • Highway vehicles and railroad cars that are used for the transport of oil 	<ul style="list-style-type: none"> • Fixed or mobile onshore and offshore oil drilling and production facilities • Oil refining and storage facilities • Industrial, commercial, agricultural, and public facilities that use and store oil • Waste treatment facilities • Loading racks, transfer hoses, loading arms, and other equipment used to transfer oil in bulk <i>to or from highway vehicles or railroad cars</i> • Highway vehicles, railroad cars, and pipelines used to transport oil within confines of non-transportation-related facility

2.3.3 EPA/DOT Jurisdiction Scenarios

This section describes common scenarios that have raised jurisdictional questions regarding the distinction between transportation-related and non-transportation-related facilities for applicability of SPCC requirements. Inspectors should evaluate the intended activity carefully because the determination of jurisdiction is not always straightforward.

Tank Trucks

EPA regulates tank trucks as “mobile/portable containers” under the SPCC rule if they operate exclusively within the confines of a non-transportation-related facility. For example, a tank truck that moves around within the facility and only leaves the facility to obtain more fuel (oil) would be considered to distribute fuel exclusively at one facility. This tank truck would be subject to the SPCC rule if it, or the facility, contained above the regulatory threshold amount (see Section 2.5 of this document) and there was a reasonable expectation of discharge to navigable waters or adjoining shorelines. Similarly, an airport refueler or construction refueler that fuels exclusively at one site would be subject to the SPCC rule. However, if the tank truck distributed fuel to multiple off-site facilities, the tank truck would be transportation-related, and regulated by DOT.

Tank trucks that are used in interstate or intrastate commerce can also be regulated if they are operating in a fixed, non-transportation mode. For example, if a home heating oil truck makes its deliveries, returns to the facility, and parks overnight with a partly filled fuel tank, it is subject to the SPCC rule if it, or the facility has a capacity above the threshold amount (see Section 2.5 of this

document), and there is a reasonable expectation of discharge to navigable waters or shorelines.⁴ However, if the home heating oil truck's fuel tank contains no oil when it is parked at the facility, other than any residual oil present in an emptied vehicle, it would be regulated only by DOT.⁵ For more information, refer to Chapter 4 of this document (Secondary Containment and Impracticability Determinations), which discusses secondary containment requirements.

Railroad Cars

DOT regulates railroad cars from the time the oil is offered for transportation to a carrier until the time that it reaches its destination and is accepted by the consignee. DOT jurisdiction includes railroad cars that are passing through a facility or are temporarily stopped on a normal route. EPA regulates railroad cars after the transportation process ends; that is, when the railroad cars are serving as non-transportation-related storage at an SPCC-regulated facility. EPA jurisdiction includes railroad cars that are at their final destination, and/or if loading or unloading has begun. If loading/unloading has begun, the railroad car itself may become the non-transportation-related facility even if no other containers at the property would qualify the property. To be considered a non-transportation-related facility, the railroad car must store oil in an amount above the regulatory threshold, and there must be a reasonable expectation of discharge to navigable waters (§112.1(d)).⁶

EPA regulates railroad cars under the SPCC rule if they are operating exclusively within the confines of a non-transportation facility. A railroad car would be subject to the SPCC rule if it, or the facility, had a capacity above the regulatory threshold amount of oil, and there was a reasonable expectation of discharge to navigable waters or adjoining shorelines.

Any Loading/Unloading Activities

EPA regulates the activity of loading or unloading oil in bulk into storage containers (such as those on tank trucks or railroad cars), as well as all equipment involved in this activity (e.g., a hose or loading arm attached to a storage tank system). A "loading/unloading area" is any area of a facility where oil is transferred between bulk storage containers and tank trucks or railroad cars. These areas are subject to the general secondary containment requirements in §112.7(c). If a "loading/unloading rack" is present, the requirements of §112.7(h) apply to the loading/unloading rack area. For more information, refer to Chapter 4 of this document (Secondary Containment and Impracticability Determinations), which includes a discussion of secondary containment requirements for loading/unloading areas.

⁴ In this case, the facility would include the truck storage capacity in its aggregate capacity determination in order to determine whether it is above the 1,320 gallon aboveground threshold for SPCC applicability.

⁵ EPA addressed this scenario in a letter from Stephen Heare, Office of Emergency and Remedial Response, to Melissa Young of Petroleum Marketers Association of America (2001). See Appendix H.

⁶ EPA addressed the applicability of the SPCC rule to railroad cars by addressing specific scenarios in a letter to the Safety-Kleen Corporation in July 2000. See Appendix H.

Marine Terminals

A marine terminal is an example of a “complex” that is subject to U.S. Coast Guard (USCG) and EPA jurisdiction. The USCG regulates the pier structures, transfer hoses, hose-piping connection, containment, controls, and transfer piping associated with the transfer of oil between a vessel and an onshore facility. EPA regulates the tanks, internal piping, loading racks, and vehicle/rail operations that are completely within the non-transportation portion of the facility (33 CFR part 154, Facilities Transferring Oil or Hazardous Material in Bulk). EPA jurisdiction begins at the first valve inside secondary containment. If there is no secondary containment, EPA jurisdiction begins at the valve or manifold adjacent to the storage tank (33 CFR 154.1020).

Vessels (Ships/Barges)

The U.S. Coast Guard regulates the loading or unloading of oil from a vessel to an onshore facility, as well as the oil-carrying ship and the connecting piping (33 CFR part 155, Oil or Hazardous Material Pollution Prevention Regulations for Vessels). In this scenario, a vessel is a ship or a barge. The oil passes from the USCG's jurisdiction to that of the EPA when it passes the first valve of the secondary containment for the storage container. If there is no secondary containment, EPA's jurisdiction begins at the first valve or manifold closest to the storage container. Storage tanks and appurtenances for the reception of oily ballast water or tank washings from vessels are under USCG jurisdiction.

Motive Power

Motive power containers are located in or on a motor vehicle, such as on-board bulk oil storage containers used solely to power the movement of a motor vehicle, or ancillary on-board, oil-filled operational equipment used solely to facilitate its operation. A motive power container can be considered non-transportation-related and subject to the SPCC rule. However, EPA does not believe that the intent of the SPCC rule was to regulate motive power containers, including oil-filled tanks used to fuel the propulsion of vehicles, such as buses, sport utility vehicles, construction vehicles, and farm equipment.

Breakout Tanks

Breakout tanks are usually used to relieve surges in an oil pipeline system or to receive and store oil transported by a pipeline for reinjection and continued transportation by pipeline. They are also sometimes used for bulk storage. A breakout tank may be regulated by EPA, DOT, or both depending on how the tank is used. For example, breakout tanks that are used solely to relieve surges in a pipeline and are not used for any non-transportation-related activity (i.e., pipeline-in and pipeline-out configuration, with no transfer to other equipment/mode of transportation such as a tank truck), would be subject to DOT jurisdiction. A bulk storage container used to store oil while also serving as a breakout tank for a pipeline or other transportation-related purpose would be

subject to both DOT and EPA jurisdiction.⁷ For more information, see the EPA and DOT joint memorandum dated February 4, 2000, which clarifies regulatory jurisdiction over breakout tanks.⁸

2.4 Reasonable Expectation of Discharge to Navigable Waters in Quantities That May Be Harmful

2.4.1 Definition of “Discharge” and “Discharge as Described in §112.1(b)”

According to §112.1(b), the SPCC rule applies to facilities that could reasonably be expected to discharge oil in “quantities that may be harmful, as described in part 110 of this chapter...” The Discharge of Oil regulation at 40 CFR part 110 (also referred to as the “sheen rule”) defines a discharge of oil into or upon the navigable waters of the United States or adjoining shorelines in quantities that may be harmful under the CWA as that which:

- Causes a sheen or discoloration on the surface of the water or adjoining shorelines;
- Causes a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines; or
- Violates an applicable water quality standard.

A discharge meeting any of the above criteria triggers requirements to report to the National Response Center (NRC). The failure to report such a discharge may result in criminal sanctions under the CWA. The appearance of a “sheen” on the surface of the water is often used as a simple way to identify harmful discharges of oil that should be reported. The appearance of a sheen, however, is not a necessary factor; the presence of a sludge or emulsion, or of another deposit of oil beneath the water surface, or the violation of an applicable water quality standard also indicates a harmful discharge.

Section 311 of the CWA defines and prohibits certain discharges of oil. These requirements are also codified in 40 CFR part 112. As defined in §112.2, a “discharge” includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping of any amount of oil no matter where it occurs. It excludes certain discharges associated with §402 of the CWA and §13 of the River and Harbor Act of 1899. The primary distinction between the §112.2 and §112.1(b) definitions of discharge is that a discharge as described in §112.1(b) is a violation of §311 of the Clean Water Act, whereas a §112.2 discharge (i.e., one that does not impact a navigable water or adjoining shoreline) is not a violation. For example, if a tank leaks a puddle of oil into a facility’s basement, this would be considered a discharge of oil, but is not necessarily a violation of the CWA because the oil did not reach a navigable water or adjoining shoreline (and would not be a discharge as described in §112.1(b)).

⁷ See also the 1971 MOU between DOT and EPA (Appendix A of 40 CFR part 112), and EPA/DOT memo “Jurisdiction over Breakout Tanks/Bulk Oil Storage Tanks (Containers) at Transportation-Related and Non-Transportation-Related Facilities” for specific examples of dual jurisdiction. See Appendices A and H.

⁸ See Appendix H.

The SPCC regulation includes requirements for corrective action as well as additional reporting requirements. For example, in §112.8(c)(10), a facility is required to promptly correct visible discharges that result in a loss of oil from a container. A discharge of any amount would need to be cleaned up, but would not be considered a violation of the spill prohibition (a discharge as described in §112.1(b)), unless it impacts a navigable water or adjoining shoreline. Additionally, if a facility discharged more than 42 gallons of oil in each of two discharges as described in §112.1(b) over a 12-month period, the facility would be required to report each spill to the NRC, clean up the spill, and submit a report to the Regional Administrator, and may be required to amend its Plan. The same is true if the facility has a single discharge as described in §112.1(b) of more than 1,000 gallons. For more information on these reporting requirements, see §112.4 of the rule.

2.4.2 Reasonable Expectation of Discharge

The SPCC rule applies only to facilities that, due to their location, can reasonably be expected to discharge oil as described in §112.1(b). The rule does not define the term “reasonably be expected.” The owner or operator of each facility must determine the potential for a discharge from his/her facility. According to §112.1(d)(1)(i), this determination must be based solely upon consideration of the geographical and locational aspects of the facility. An owner or operator should consider the location of the facility in relation to a stream, ditch, gully, or storm sewer; the volume of material likely to be spilled; drainage patterns; and soil conditions. An owner or operator may not consider constructed features, such as dikes, equipment, or other manmade structures that prevent, contain, hinder, or restrain a discharge as described in §112.1(b), when making this decision.

§112.1(b)

...this part applies to any owner or operator of a non-transportation-related onshore or offshore facility engaged in drilling, producing, gathering, storing, processing, refining, transferring, distributing, using, or consuming oil and oil products, which due to its location, **could reasonably be expected to discharge oil in quantities that may be harmful, as described in part 110 of this chapter....**

Note: The above text is an excerpt of the SPCC rule. Emphasis added. Refer to 40 CFR part 112 for the full text of the rule.

A facility owner or operator, however, should consider the presence of manmade structures that may serve to convey discharged oil to navigable waters, such as sanitary or storm water drainage systems, even if they lead to a publicly owned treatment work (POTW) prior to ultimate discharge into navigable waters. The presence of a treatment system such as a POTW cannot be used to determine that the facility is not reasonably expected to discharge to navigable waters or adjoining shorelines. POTWs can fail to contain oil. They are not designed to handle oil discharges and are on occasion forced to bypass to receiving waterbodies during extreme weather events or when upsets occur in the treatment system.

The following factors may prove useful to consider in determining whether there is a reasonable expectation of discharge:

- Whether a past discharge of oil reached a navigable water or adjoining shoreline, which indicates that another could be reasonably expected;
- Whether the facility is adjacent to navigable waters and a discharge to the navigable waters could be reasonably expected;
- Whether on-site conduits, such as sewer lines, storm sewers, and certain underground features (e.g., power or cable lines, or groundwater), could facilitate the transport of discharged oil off-site to navigable waters;
- Whether a unique geological or geographic feature would facilitate the transport of discharged oil off-site to navigable waters;
- Whether the facility is near a watercourse and intervening natural drainage;
- Whether precipitation runoff could transport oil into navigable waters; and
- The quantity and nature of oil stored.

2.4.3 Geographic Scope

EPA revised the geographic scope of the SPCC regulation in 2002 to be more consistent with the CWA. Formerly, the geographic scope of the rule extended to navigable waters of the United States and adjoining shorelines. The rule reflects the full geographic scope of EPA's authority to include a discharge:

- Into or upon the waters of the contiguous zone;
- In connection with activities under the Outer Continental Shelf Lands Act or the Deepwater Port Act of 1974; or
- That may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Magnuson Fishery Conservation and Management Act).

The rule's scope includes discharges harmful not only to the public health and welfare, but also to the environment through the protection of natural resources. Such protection would apply to resources under the Magnuson Fishery Conservation and Management Act, a statute that establishes exclusive U.S. management authority over all fishing within the exclusive economic zone (inner boundary coterminous with the seaward boundary of each coastal state), and all anadromous fish throughout their migratory range except when in a foreign nation's waters, and all fish on the continental shelf.

2.4.4 Definition of "Navigable Waters"

Section 112.2 provides the SPCC rule's definition of "navigable waters." See the text box below.

§112.2

Navigable waters means the waters of the United States, including the territorial seas.

(1) The term includes:

(i) All waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters subject to the ebb and flow of the tide;

(ii) All interstate waters, including interstate wetlands;

(iii) All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation, or destruction of which could affect interstate or foreign commerce including any such waters:

(A) That are or could be used by interstate or foreign travelers for recreational or other purposes; or

(B) From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or,

(C) That are or could be used for industrial purposes by industries in interstate commerce;

(iv) All impoundments of waters otherwise defined as waters of the United States under this section;

(v) Tributaries of waters identified in paragraphs (1)(i) through (iv) of this definition;

(vi) The territorial sea; and

(vii) Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraph (1) of this definition.

(2) Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA (other than cooling ponds which also meet the criteria of this definition) are not waters of the United States. Navigable waters do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other Federal agency, for the purposes of the CWA, the final authority regarding CWA jurisdiction remains with EPA.

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

See "Joint Memorandum of U.S. Army Corps of Engineers and EPA providing clarifying guidance regarding the Supreme Court's decision in *Solid Waste Agency of Northern Cook County v. United States Army Corps of Engineers*, 531 U.S. 159 (2001) (SWANCC)," ⁹ 68 FR 1995, January 15, 2003.

⁹ There is currently pending a petition for review challenging the definition of "navigable waters" in 40 CFR 112.2., *American Petroleum Institute v. Leavitt*, No. 1:102CV02247 PLF and consolidated cases (D.D.C. filed Nov. 14, 2002).

2.5 Storage Capacity

2.5.1 Capacity Thresholds

The SPCC rule applies to a facility that has more than 42,000 gallons of completely buried oil storage capacity or more than 1,320 gallons of aggregate aboveground oil storage capacity, provided it meets the other applicable criteria set forth in §112.1.

According to §112.1(b)(1) through (4), the rule is applicable to eligible facilities that have oil in aboveground containers; completely buried tanks; containers that are used for standby storage, for seasonal storage, or for temporary storage, or are not otherwise “permanently closed”; and “bunkered tanks” or “partially buried tanks” or containers in a vault. Containers include not only oil storage tanks, but also mobile or portable containers such as drums and totes, and oil-filled equipment such as electrical equipment (e.g., transformers, circuit breakers), manufacturing flow-through process equipment, and operational equipment. However, §112.1(d)(2) limits the applicability to facilities with oil capacity above specific threshold amounts.

Once a facility is subject to the rule, *all* aboveground containers and completely buried tanks are subject to the rule requirements (unless these containers are otherwise exempt from the regulation, as is the case for containers smaller than 55 gallons). For example, a facility could have 10,000 gallons of aggregate aboveground storage capacity in tanks and oil-filled equipment of 55 gallons or more, and a completely buried tank of 10,000 gallons that is not subject to all of the technical requirements of 40 CFR part 280 or a state program approved under part 281 (and therefore not exempt). Since the aboveground storage capacity exceeds 1,320 gallons, all of the tanks and oil-filled equipment, including the buried tank, are subject to the SPCC rule.

2.5.2 Storage Capacity Calculation

Sections 112.1(d)(2)(i) and (ii) clarify which containers are included and excluded when calculating total storage capacity at a facility in determining whether it exceeds the volume limits in the rule. These containers are discussed below and summarized in Table 2-3.

§112.1(d)

Except as provided in paragraph (f) of this section, this part does not apply to: ...

(2) Any facility which, although otherwise subject to the jurisdiction of EPA, meets both of the following requirements:

(i) The completely buried storage capacity of the facility is 42,000 gallons or less of oil. ...

(ii) The aggregate aboveground storage capacity of the facility is 1,320 gallons or less of oil. ...

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

§112.2

Completely buried tank means any container completely below grade and covered with earth, sand, gravel, asphalt, or other material. Containers in vaults, bunkered tanks, or partially buried tanks are considered aboveground storage containers for purposes of this part.

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

What to Count

- All containers of oil with a capacity of 55 gallons or greater are to be counted (unless listed below) when calculating total oil storage capacity at a facility.

What Not to Count

- Permanently closed containers are not counted when calculating total oil storage capacity. "Permanently closed," as defined in §112.2, refers to containers "for which (1) All liquid and sludge has been removed from each container and connecting line; and (2) All connecting lines and piping have been disconnected from the container and blanked off, all valves (except for ventilation valves) have been closed and locked, and conspicuous signs have been posted on each container stating that it is a permanently closed container and noting the date of closure."
- Completely buried tanks, as defined in §112.2, and connected underground piping, underground ancillary equipment, and containment systems that are currently subject to all of the technical requirements of 40 CFR part 280 or all of the technical requirements of a state program approved under 40 CFR part 281 are not counted. Such tanks must still be marked on the facility diagram as provided in §112.7(a)(3). "Completely buried tank" as defined in §112.2 refers to "any container completely below grade and covered with earth, sand, gravel, asphalt, or other material. Containers in vaults, bunkered tanks, or partially buried tanks are considered aboveground storage containers for purposes of this part."

Table 2-3. Summary of storage capacity calculation as described in §112.1(d)(2)(i) and (ii).

Included	Excluded
Capacity of containers (e.g., bulk storage containers, oil-filled equipment, mobile/portable containers) with a capacity of 55 gallons or greater	Capacity of completely buried tank and associated underground piping, ancillary equipment, and containment systems subject to all technical requirements of 40 CFR part 280 or a state-approved program under 40 CFR part 281
	Capacity of containers that are permanently closed

2.5.3 Definition of Storage Capacity

Under the SPCC rule, if a container has the requisite capacity, it does not matter whether the container is actually filled to that capacity. The storage capacity of a container is defined as the shell capacity of the container. If a certain portion of a container is incapable of storing oil because of its

§112.2
Storage capacity of a container means the shell capacity of the container.

Note: The above text is an excerpt of the SPCC rule. See 40 CFR part 112 for the full text of the rule.

integral design (e.g., mechanical equipment or other interior components take up space), then the shell capacity of the container is reduced to the volume the container might hold (67 FR 47081). Generally, the shell capacity is the rated design capacity rather than the working/operational capacity.

2.5.4 Tank Re-rating

Shell capacity should be used as the measure of storage capacity, unless changes are made to the design shell capacity in a permanent, non-reversible manner. For example, when the integral design of a container has been altered by actions such as drilling a hole in the side of the container so that it cannot hold oil above that point, shell capacity remains the measure of storage capacity because such alteration can be altered again at will to restore the former storage capacity. When the alteration is an action such as the installation of a double bottom or new floor to the container, the integral design of the container has changed, and may result in a reduction in shell capacity.

An addition or modification to a field-erected storage tank should be performed in accordance with industry standards and the original design specifications. Relevant industry standards include American Petroleum Institute (API) Standard 653 "Tank Inspection, Repairs, Alteration, and Reconstruction" (API-653). This standard includes additions or modifications to shell penetrations such as overfill diverters. However, even where such modifications are done in accordance with standards, the tank may not be considered re-rated to a lower capacity; the capacity remains equal to the original rated shell capacity. An owner or operator may reduce the capacity of a tank only by changing the shell dimensions (i.e., by removing shell plate sections). Since SPCC requirements are based on shell capacity, modifying a vent, overflow, or other tank appurtenances that reduce the working fill capacity does not affect SPCC requirements, including facility capacity determination and secondary containment requirements.

2.6 Exemptions to the Requirements of the SPCC Rule

In addition to the criteria described above, §112.1(d) describes certain types of additional equipment and facilities that are exempted from SPCC rule requirements.

2.6.1 Facilities Subject to Minerals Management Service Regulations

Section 112.1(d)(3) excludes offshore oil drilling, production, or workover facilities that are subject to notices and regulations of the Minerals Management Service (MMS). MMS regulations require adequate spill prevention,

§112.1(d)

Except as provided in paragraph (f) of this section, this part does not apply to: ...

(3) Any offshore oil drilling, production, or workover facility that is subject to the notices and regulations of the Minerals Management Service, as specified in the Memorandum of Understanding between the Secretary of Transportation, the Secretary of the Interior, and the Administrator of EPA, dated November 8, 1993 (Appendix B of this part).

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

control, and countermeasures that are directed more specifically to the facilities subject to the regulations. The facilities are regulated by the Department of Interior as specified in the DOI-DOT-EPA MOU (40 CFR part 112, Appendix B).

2.6.2 Underground Storage Tanks

Under §112.1(d)(4), the SPCC rule exempts completely buried storage tanks, as well as connected underground piping, underground ancillary equipment, and containment systems, when such tanks are subject to all of the technical requirements of 40 CFR part 280 or a state program approved under 40 CFR part 281 (also known as the Underground Storage Tank regulations). Although these tanks are exempt from the SPCC requirements, they must still be marked on the facility diagram if the facility is otherwise subject to the SPCC rule (§112.7(a)(3)).

The regulations at 40 CFR parts 280 and 281 comprise the Underground Storage Tank (UST) Program, which requires owners and operators of new tanks and tanks already in the ground to prevent, detect, and clean up releases. The UST program defines USTs differently than the SPCC rule does. The UST Program considers an underground storage tank to be a tank and any underground piping that has at least 10 percent of its combined volume underground. However, under the SPCC rule, only *completely* buried tanks subject to all of the technical UST Program requirements are exempt from the rule. Any tanks that are not completely buried are considered aboveground storage tanks and subject to the SPCC rule.

§112.1(d)

Except as provided in paragraph (f) of this section, this part does not apply to: ...
 (4) Any completely buried storage tank, as defined in §112.2, and connected underground piping, underground ancillary equipment, and containment systems, at any facility, that is subject to all of the technical requirements of part 280 of this chapter or a State program approved under part 281 of this chapter, except that such a tank must be marked on the facility diagram as provided in §112.7(a)(3), if the facility is otherwise subject to this part.

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

The following are either excluded from the definition of UST or are exempt from the UST regulations at 40 CFR part 280 (and therefore may be subject to the SPCC rule, if the completely buried tanks contain oil):

- Tanks with a capacity of 110 gallons or less;
- Farm or residential tanks with a capacity of 1,100 gallons or less used for storing motor fuel for non-commercial purposes;
- Tanks used for storing heating oil for consumptive use on the premises where stored;
- Tanks storing non-petroleum oils, such as animal fat or vegetable oil;
- Tanks on or above the floor of underground areas (e.g., basements or tunnels);
- Septic tanks and systems for collecting storm water and wastewater;
- Flow-through process tanks;
- Emergency spill and overfill tanks that are expeditiously emptied after use;
- Surface impoundments, pits, ponds, or lagoons;

- Any UST system holding RCRA hazardous waste;
- Any equipment or machinery that contains regulated substances for operational purposes;
- Liquid trap or associated gathering lines directly related to oil or gas production or gathering operations;
- Pipeline facilities regulated under the Natural Gas Pipeline Safety Act of 1968, the Hazardous Liquid Pipeline Safety Act of 1979, or intrastate pipelines regulated under state laws comparable to the provisions of above laws;¹⁰ and
- Any UST system that contains de minimis concentration of regulated substances.

The following are examples of deferrals from the UST regulations (and therefore may be subject to the SPCC rule):

- Wastewater treatment tank systems;
- Any UST systems containing radioactive materials that are regulated under the Atomic Energy Act of 1954;
- UST systems that are part of emergency generator systems at nuclear power generation facilities;
- Airport hydrant fuel distribution systems; and
- UST systems with field-constructed tanks.

Note that additional and/or more stringent requirements may exist in a state-approved program under 40 CFR part 281 and that they may also impact SPCC applicability. For example, a state may choose to regulate a UST used for storing heating oil for consumptive use on the premises where stored. Thus, under the state program the UST is subject to all the technical requirements of a 40 CFR part 281 program and not regulated by the SPCC rule. Inspectors should consider any state UST program approved under 40 CFR part 281 when addressing applicability issues associated with completely buried tanks.

2.6.3 Wastewater Treatment Facilities

The wastewater treatment exemption, outlined in §112.1(d)(6), excludes from the SPCC requirements facilities or parts of facilities that are used exclusively for wastewater treatment, and are not used to meet 40 CFR part 112 requirements.

§112.1(d)

Except as provided in paragraph (f) of this section, this part does not apply to: ..
(6) Any facility or part thereof used exclusively for wastewater treatment and not used to satisfy any requirement of this part. The production, recovery, or recycling of oil is not wastewater treatment for purposes of this paragraph.

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

Many of the wastewater treatment facilities or parts thereof are subject to the National Pollutant Discharge Elimination System (NPDES) or state-

¹⁰ Although exempt from UST regulations, pipeline facilities regulated under the Natural Gas Pipeline Safety Act of 1968, the Hazardous Liquid Pipeline Safety Act of 1979, or intrastate pipelines regulated under state laws comparable to the provisions of above laws do not generally come within EPA's jurisdiction and are not generally regulated under the SPCC rule. See Section 2.3.2 of this document.

equivalent permitting requirements that involve operating and maintaining the facility to prevent discharges. The NPDES or state-equivalent process ensures review and approval of the facility's plans and specifications; operation/maintenance manuals and procedures; and Storm Water Pollution Prevention Plans, which may include Best Management Practice (BMP) Plans (67 FR 47068).

For the purposes of the exemption, the production, recovery, or recycling of oil is not considered wastewater treatment. These activities generally lack NPDES or state-equivalent permits and thus lack the protections that such permits provide. Additionally, the goal of an oil production, oil recovery, or oil recycling facility is to maximize the production or recovery of oil, while eliminating impurities in the oil, including water, whereas the goal of a wastewater treatment facility is to purify water (67 FR 47068-69).

The exemption does not apply to a wastewater treatment facility or part thereof that is used to store oil; in that instance, the oil storage capacity must be counted as part of the total facility storage capacity (see 67 FR 47068). For example, if there is a 600-gallon storage container that contains oil removed from an exempt oil/water separator and a 1,000-gallon storage container on site, the total aboveground storage capacity for the facility would be 1,600 gallons, and the facility may potentially be regulated by the SPCC rule.

In addition, the exemption does not apply to a wastewater treatment facility or parts thereof used to meet a 40 CFR part 112 requirement, including an oil/water separator used to meet any SPCC requirement. Examples of oil/water separators that are used to meet SPCC requirements include oil/water separators used to satisfy the secondary containment requirements of §112.7(c), §112.7(h)(1), and/or §112.8(c)(2). Oil/water separators used to satisfy secondary containment requirements of the rule do not count toward storage capacity. For more information, refer to Chapter 5 of this document (Oil/Water Separators), which clarifies how the SPCC rule applies to oil/water separators.

2.7 Determination of Applicability by the Regional Administrator

Section 112.1(f) allows the Regional Administrator (RA) to require preparation of an SPCC Plan or applicable part by the owner or operator of an otherwise exempted facility that is subject to EPA jurisdiction under CWA §311(j) of the CWA. This provision is designed to address gaps in other regulatory regimes that might best be remedied by requiring a facility to have an SPCC Plan. For example, a facility may be exempted from the SPCC rule because its storage capacity is below the regulatory threshold, but the facility may have been the cause of repeated discharges as described in §112.1(b).

§112.1(f)

Notwithstanding paragraph (d) of this section, the Regional Administrator may require that the owner or operator of any facility subject jurisdiction of EPA under section 311(j) of the CWA prepare and implement an SPCC Plan, or any applicable part, to carry out the purposes of the CWA.

Note: The above text is an excerpt of the SPCC rule. Refer to 40 CFR part 112 for the full text of the rule.

Factors the RA may consider in making a determination to require that a facility prepare an SPCC Plan include, but are not limited to, the physical characteristics of the facility; the presence of secondary containment; the discharge history of the facility; and the proximity of the facility to sensitive environmental areas such as wetlands, parks, or wildlife refuges. The RA might require an entire Plan, or might require only a partial Plan addressing secondary containment, for example, to prevent future discharges.

Sections 112.1(f)(1) through (5) describe the process for an RA to determine applicability. The process includes specific time deadlines for both the RA and the facility owner or operator, as well as requirements for the type of information and delivery method. Table 2-4 lists the deadlines and responsibilities of the RA and the facility owner or operator to appeal the RA determination that he/she must prepare an SPCC Plan.

Table 2-4. Process for an RA determination of SPCC applicability and appeals.

Deadline	Responsibility
Determination	
N/A	<i>Regional Administrator (RA)</i> makes a preliminary determination. RA must provide a written notice to the owner/operator stating the reasons why an SPCC Plan or applicable part of a Plan is needed. (§112.1(f)(1))
Within 30 days of receipt of notice of a potential need to prepare an SPCC Plan (following preliminary determination)	<i>Owner/operator</i> must provide information and data and may consult with EPA about the need to prepare an SPCC Plan, or applicable part. (§112.1(f)(2))
Within 30 days of receipt of data	<i>Regional Administrator (RA)</i> must make a final determination regarding whether the owner/operator is required to prepare and implement an SPCC Plan, or applicable part. (§112.1(f)(3))
Within 6 months of final determination that facility needs a Plan	<i>Owner/operator</i> must prepare the Plan, or applicable part. (§112.1(f)(4))
Within 1 year of final determination that facility needs a Plan	<i>Owner/operator</i> must implement the Plan, or applicable part. (§112.1(f)(4))
Appeals	
Within 30 days of receipt of final determination that facility needs a Plan	<i>Owner/operator</i> may appeal final determination to the Administrator of EPA (and send a copy to the RA). (§112.1(f)(5))
Within 60 days of receiving the appeal or additional information submitted by owner/operator	<i>The Administrator</i> must render a decision on the appeal. (§112.1(f)(5))

The EPA inspector plays an important role in assisting the RA in determining applicability. For example, an inspector may initially alert the RA of the need for an otherwise exempt facility to have an SPCC Plan. This may result from an inspection prompted by a citizen complaint or state referral, an oil spill, or awareness of other conditions that warrant closer examination. Following an

RA determination of the need for an SPCC Plan, the EPA inspector may perform a targeted inspection of the subject facility to verify compliance with SPCC requirements.

2.8 SPCC Applicability for Different Types of Containers

2.8.1 Bulk Storage Container

A bulk storage container, as defined in §112.2, must follow specific requirements, as described under §§112.8(c), 112.9(c), and 112.12(c) for onshore facilities. Examples of these requirements include, but are not limited to, secondary containment and fail-safe engineering, such as high level alarms, inspections, and testing.

§112.2

Bulk storage container means any container used to store oil. These containers are used for purposes including, but not limited to, the storage of oil prior to use, while being used, or prior to further distribution in commerce. **Oil-filled electrical, operating, or manufacturing equipment is not a bulk storage container.**

Note: The above text is an excerpt of the SPCC rule. Emphasis added. Refer to 40 CFR part 112 for the full text of the rule.

2.8.2 Oil-filled Equipment

The definition of bulk storage container in §112.2 specifically excludes oil-filled electrical, operating, and manufacturing equipment ("oil-filled equipment"). Therefore, oil-filled equipment is not subject to the bulk storage container requirements in §§112.8(c), 112.9(c), and 112.12(c). However, oil-filled equipment must meet the general requirements of §112.7. See generally 67 FR 47054-47055.

EPA believes it is good engineering practice to have some form of visual inspection or monitoring for this oil-filled equipment to prevent discharges as described in §112.1(b). For example, it is a challenge to comply with security requirements under §112.7(g) and countermeasures for discharge discovery under §112.7(a)(3)(iv)) without some form of inspection or monitoring program. Additionally, inspection and/or monitoring should be part of an effective contingency plan when a PE determines that secondary containment for this equipment is impracticable.

Oil-filled Operational Equipment

Oil-filled operational equipment includes an oil storage container (or multiple containers) in which the oil is present solely to support the function of the apparatus or the device. Oil-filled operational equipment does not include manufacturing equipment.

Examples of oil-filled operational equipment include hydraulic systems, lubricating systems (including lubricating systems for pumps, compressors, and other rotating equipment), gear boxes, machining coolant systems, heat transfer systems, transformers, other electrical equipment, and other systems containing oil to enable operation.

Oil-filled Manufacturing Equipment

Oil-filled manufacturing equipment is distinct from bulk storage containers in its purpose. Oil-filled manufacturing equipment stores oil only as an ancillary element of performing a mechanical or chemical operation to create or modify an intermediate or finished product. Examples of oil-filled manufacturing equipment may include reaction vessels, fermentors, high pressure vessels, mixing tanks, dryers, heat exchangers, and distillation columns. Under the SPCC rule, flow-through process vessels are generally considered oil-filled manufacturing equipment since they are not intended to store oil.¹¹ Additionally, there may be oil-filled operational equipment (e.g., a hydraulic unit) at this type of facility to support the manufacturing equipment (see generally 67 FR 47080). The PE reviewing and certifying the SPCC Plan should be familiar with processes taking place at the facility and should therefore determine whether a given process vessel is considered a bulk storage container or oil-filled manufacturing equipment.

In cases where a container is used for the static storage of oil within a manufacturing or processing area, the PE may determine that the container is in fact a bulk storage container. Examples of oil storage within manufacturing areas include:

- Storing an intermediate product for an extended period of time in a continuous or batch process;
- Storing a raw product prior to use in a continuous or batch process; and
- Storing a final product after a continuous or batch process.

Storage tanks and containers located at the beginning or end of a process and used to store feedstock or finished products generally are considered bulk storage containers. In cases where oil storage is incidental to the manufacturing activity or process (e.g., where it is being transformed in a flow-through process vessel) the PE may determine that the container is part of the manufacturing equipment.

2.9 Determination of Applicability of Facility Response Plans

A portion of the SPCC-regulated community may also be required to prepare a Facility Response Plan (FRP). According to §112.20, a facility that has the potential to cause substantial harm to the environment in the event of a discharge must prepare and submit an FRP. *SPCC facilities must document whether they meet the FRP applicability criteria (40 CFR 112 Appendix C Section 3.0).* Facilities may refer to the "Flowchart of Criteria for Substantial Harm," Attachment C-I to Appendix C of 40 CFR part 112, to determine whether they need to prepare an FRP. The owner or operator must document his/her determination of whether the facility has the potential to cause

¹¹ The U.S. Occupational Safety and Health Administration's Process Safety Management (PSM) regulation (29 CFR 1910.119) considers a single process "any group of vessels which are interconnected and separate vessels which are located such that a highly hazardous chemical could be involved in a potential release." The PSM definition of process includes storage tanks, while the SPCC rule considers storage tanks as bulk storage containers and not manufacturing equipment.

substantial harm by completing the Attachment C-II form, "Certification of the Applicability of the Substantial Harm Criteria," and maintaining the certification at the facility. Attachments C-I and C-II are provided in Appendix H of this document.

2.10 Role of the EPA Inspector

The EPA inspector is responsible for gathering information and data to determine compliance with SPCC requirements for those facilities that are regulated by the SPCC rule. During an SPCC inspection, EPA inspectors will check that the measures described in the SPCC Plan are implemented at the facility and will fully document all observations and other pertinent information. The Summary of Applicability Flowchart and Applicability Assessment Worksheet, provided as Figures 2-1 and 2-2, are two quick references provided for convenience to aid inspectors in assessing whether a facility is subject to the SPCC rule.

N.Y.F.D.

64

Address: 448 Hamilton Ave.

CUSTOMER RECEIPT

03437



JW

Date Stamp

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FIRE DEPARTMENT • CITY OF NEW YORK
9 METROTECH CENTER • BROOKLYN, NY 11201-3857



Bureau of Fire Prevention

Room 3E-70-K

SHAJI MATHEW
Supervising Inspector II
Bulk Fuel Safety Unit

(718) 999-2461
(718) 999-1015

FIRE DEPARTMENT • CITY OF NEW YORK

9 METROTECH CENTER • BROOKLYN, NY 11201-3857

ROOM 3N-1



Bureau of Fire Prevention

J.M. CHIARCHIARO

Inspector

Fire Alarm Inspection Unit

(718) 999-1611

FAX: (718) 999-2892

CELL#
646-243.6751

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 22-10530

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: NYC Department of Transportation
Address: 448 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: Anthony Bourlance
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>S. Mathew</u>	
Name: <u>S. MATHEW</u>	
Date: <u>6-19-07</u>	Time: _____
Inspection Info. Only: (718) <u>999-2461</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>925</u>	<u>6.19.07</u>	<u>09:00</u>	<u>12:00</u>	<u>180</u>	<u>630</u>	<u>Two year foam test for the asphalt cement tank protection done satisfactory. Also heat sensors and pull stations but tested satisfactory.</u>

Total Due: \$630.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines:	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) \$ 210.	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage =(1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$ 665.		(per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	543	—occupancy: less than 75 \$ 310.
920	Site inspection—per equivalent unit \$ 70.		for tank capacity greater than 4000 gals . . . \$ 840.		(per valve) \$ 515.	544	—occupancy: 75 or more \$ 415.
921	Fire protection system inspection (per hour) \$ 210.	EXPLOSIVES		FIREWORKS		545	—Each additional theatre in a complex \$ 120.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
924	—per additional siamese connection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
901	To refine or distill (per site) (per hour) . . . \$ 210.	FIRE ALARM SYSTEMS		890	Site inspection \$ 570.	548	Sports arenas, stadiums (per hour) . . . \$ 210.
925	Major construction at bulk storage sites, including fire protection systems (per project): —actual hours at site (per hour) . . . \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
928	Underground Piping (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	MAGAZINES		550	—occupancy: 75 to 149 \$ 415.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	878	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	242	—initial inspection (per hour) \$ 210.	552	—occupancy: 150 to 499 \$ 520.
MOTOR FUEL SYSTEMS		884	To use spray booths \$ 310.	243	—subsequent inspection (per hour) . . . \$ 210.	553	—occupancy: 500 to 999 \$ 625.
025	Site Inspection \$ 105.	FIRE SUPPRESSION SYSTEMS		244	Per magazine with electric alarm: —initial inspection (per hour) \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
026	Discharge line test (per site) \$ 365.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	245	Per magazine without electric alarm: —initial inspection (per hour) \$ 210.	555	—occupancy: 2,500 or greater \$ 830.
027	Fire suppression system test (per system) . . \$ 750.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.		—subsequent inspection (per hour) . . . \$ 210.	551	—open flame permit \$ 210.
028	Tank test (per site) \$ 355.			THEATRICALS AND TELEVISION SPECIAL EFFECTS		654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
029	Tank reopening & repair \$ 320.			REINSPECTIONS		999	All Reinspections (per hour) \$ 210.
030	Leak detection functionality test (per hour) . . \$ 210.					998	Special situations (per hour) \$ 210.
031	Installation & alteration: with discharge lines: for tank capacity of 4000 gals or less . . . \$ 980.						
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals . . . \$ 1,210.						
	for each additional tank \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 22-10530

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: NYC Department of Transportation
Address: 44B Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: Anthony Bourlance
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>B. Mathew</u>	
Name: <u>S. MATHEW</u>	
Date: <u>6.19.07</u>	Time: _____
Inspection Info. Only: (718) 999-2461	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
925	6.19.07	09:00	12:00	180	630	Two year foam test for the asphalt cement tank protection done satisfactory. Also heat sensors and pull stations test tested satisfactory.

Total Due: \$630.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines:	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$	665.	Initial installation (per system)		Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	each additional tank	\$ 195.	(carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$	210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	for tank capacity greater than 4000 gals each additional tank	\$ 385.	861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$	210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	EXPLOSIVES		862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	241 To store and sell blasting caps (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	254 To use and/or store explosives—actual hours at site (per hour) . . . \$	210.	FIREWORKS		547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour) . . . \$	210.	FIRE ALARM SYSTEMS		285 To discharge at displays—actual hours at site (per hour)	\$ 210.	548 Sports arenas, stadiums (per hour) . . . \$	210.
928 Underground Piping (per hour) . . . \$	210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	890 Site inspection	\$ 570.	549 —occupancy: less than 75	\$ 310.
MOTOR FUEL SYSTEMS		878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	550 —occupancy: 75 to 149	\$ 415.
025 Site Inspection	\$ 105.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	MAGAZINES		552 —occupancy: 150 to 499	\$ 520.
026 Discharge line test (per site)	\$ 365.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	Per magazine with electric alarm:		553 —occupancy: 500 to 999	\$ 625.
027 Fire suppression system test (per system)	\$ 750.	560 To use spray booths	\$ 310.	242 —initial inspection (per hour) . . . \$	210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank test (per site)	\$ 355.	FIRE SUPPRESSION SYSTEMS		243 —subsequent inspection (per hour) . . . \$	210.	555 —occupancy: 2,500 or greater	\$ 830.
029 Tank reopening & repair	\$ 320.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	244 —initial inspection (per hour) . . . \$	210.	551 —open flame permit	\$ 210.
030 Leak detection functionality test (per hour)	\$ 210.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	245 —subsequent inspection (per hour) . . . \$	210.	THEATRICALS AND TELEVISION—SPECIAL EFFECTS	
* Installation & alteration: with discharge lines:				REINSPECTIONS		654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
for tank capacity of 4000 gals or less . . . \$	980.			999 All Reinspections (per hour)	\$ 210.	998 Special situations (per hour)	\$ 210.
each additional tank	\$ 210.						
for tank capacity greater than 4000 gals . . . \$	1,210.						
for each additional tank	\$ 420.						

*Per hour charge is per inspector.

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FYI

MEMORANDUM

To: Tony Fasulo
Assistant Commissioner / General Manager

From: Michael F. Dwyer AB
Director Asphalt Operations

Date: October 5, ~~1993~~ 2007

Subject: Condition of Existing Asphalt Plant

As you are well aware of, the asphalt plant has been down a number of times the past few months. Our biggest problem is the condition of the lower tire near the discharge end of the drum. This tire has cracked two times in the past 60 days. Normally it takes three to four million tons of production before a tire would actually wear out. Our tire is failing with less than two million tons through it, due to poor design from the manufacture!

Most plant manufactures design their steel tires so that they are floating tires with a couple of welded key stops to keep tire from slipping. Our drum has 18 spacer wedges around the circumference of the tire, with each one welded on both sides. This makes a total of 36 welds along the circumference. At each weld we are developing hairline cracks which have began cracking all the way through. These hairline cracks eventually break completely through the cross-section of tire, which is 8 1/2" wide by 3" thick. Once the crack breaks through we are out of business. Currently we have another crack that looks bad, plus many smaller hairline cracks. All I can do is keep repairing when it breaks each time or shut down the plant for 5 or 6 days and replace the tire completely.

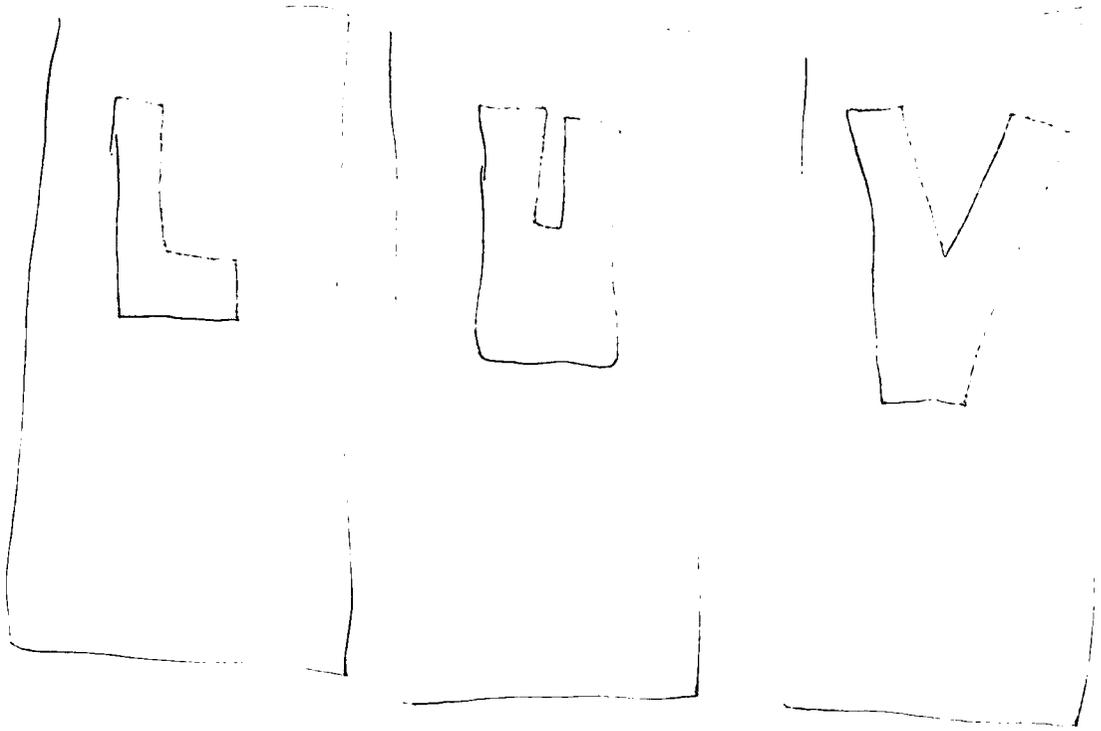
Replacing the tire is a major project. Much of the plant must be disassembled so that the new tire can be slipped over the discharge end of the drum. With the help of bridge's welders, our labor and cranes we should be able to do the work ourselves. All duct work between drum and baghouse, liquid asphalt line and dust return, recycle collar and crossover conveyor must all be removed and than reinstalled after the new tire is slipped on. All new spacer blocks and wedges will have to be welded in place, to properly align tire. My concern is welding these blocks to drum shell which is so thin from wear, that we may blow holes through shell! For the past six months we have been patching holes almost weekly in various areas of the shell. Again I feel the drum has prematurely wore out due to poor design. Most drums constructed of Mild Steel Grade are at least 1/2" in thickness, ours was 3/8" when it was new. The new drums designs for the City's plant replacement will be 1/2" T1A, abrasion and temperature resistant. I have also specified the proper sizing and design of the trunnions and drum tires.

Condition of the drum is the most serious problem, but not the only problem we are currently experiencing. This year we have received four D.E.P. air pollution violations from the City. Our stack opacity has always been border line in opacity since the plant was erected in 1990 when we were recycling between 20% to 25%. Most of this season we have been producing mix at 20% RAP instead of 25% due to all the smoke the plant is emitting. The only method that I have been able to control smoke is by reducing mix temperature and the percent of recycling. This cost the City money and makes paving more difficult. We are now producing asphalt material between 290 and 305 degrees. With my new plant designs we will be capable of producing mixtures with a minimum of 50 % recycling at 320 degrees or higher with zero opacity. This will be a major improvement, and environmentally, a benefit to all!

I would like to stress to all, the importance of getting approval of the new equipment replacement! TIME is getting late, much work is to begun! Even if we have pre-bid in November, bid date must be set, evaluated, and low bidder must manufacture the equipment. A 90 day turn-around on equipment is fast! If we are lucky, we will be in operation by May 1st. Any later than this will have a big negative impact on the City's production.

cc: Comm. Riccio, D/C Halpin, A/C Ocken, W. Baier, H. Bass, B. Slater, V. Robinson, file

(change the date and
cc - list and resubmit
today 😊)



Handwritten text: "has a lot of fun" (mirrored/traceable)

Handwritten text: "finds it very hard" (mirrored/traceable)



STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 22-3770

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt plant
Address: 448 Hamilton Ave
City and State: Brooklyn N.Y.
Authorized Signature: [Signature]
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No. <u>494</u>
Signature: <u>[Signature]</u>	
Name: <u>July Chapin</u>	
(PLEASE PRINT)	
Date: <u>07-21-03</u>	Time: <u>12:00</u>
Inspection Info. Only: (718)	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
921/999	07-21-03	9:00	12:00	3hrs	630.00	① Fire Suppression system was tested satisfactory (2 year test) ② V.O.#E80389 is c.w. ③ V.O.#E85840 and E85790 are pending Y.R.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$630.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees	
BULK OIL STORAGE		032	without discharge lines:	PLACES OF PUBLIC ASSEMBLY				
	Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$ 665.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:				
920	Site inspection—per equivalent unit \$ 70.		each additional tank \$ 195.	543	—occupancy: less than 75 \$ 310.			
921	Fire protection system inspection (per hour) \$ 210.	241	for tank capacity greater than 4000 gals each additional tank \$ 385.	544	—occupancy: 75 or more \$ 415.			
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	254	EXPLOSIVES	545	—Each additional theatre in a complex \$ 120.			
924	—per additional siamese connection (per hour) \$ 210.		241 To store and sell blasting caps (per hour) \$ 210.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.			
901	To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project): \$ 210.		254 To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.			
925	—actual hours at site (per hour) . . . \$ 210.		FIRE ALARM SYSTEMS	548	Sports arenas, stadiums (per hour) \$ 210.			
928	Underground Piping (per hour) . . . \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.	549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:			
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	550	—occupancy: less than 75 \$ 310.			
MOTOR FUEL SYSTEMS		878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	551	—occupancy: 75 to 149 \$ 415.			
025	Site inspection \$ 105.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	552	—occupancy: 150 to 499 \$ 520.			
026	Discharge line test (per site) \$ 365.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	553	—occupancy: 500 to 999 \$ 625.			
027	Fire suppression system test (per system) \$ 750.	885	To use spray booths \$ 310.	554	—occupancy: 1,000 to 2,499 \$ 725.			
028	Tank test (per site) \$ 355.	851	FIRE SUPPRESSION SYSTEMS	555	—occupancy: 2,500 or greater . . . \$ 830.			
029	Tank reopening & repair \$ 320.		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	551	—open flame permit \$ 210.			
030	Leak detection functionality test (per hour) \$ 210.		859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.				
031	Installation & alteration: with discharge lines: for tank capacity of 4000 gals or less each additional tank \$ 210. for tank capacity greater than 4000 gals for each additional tank \$ 420.		860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.				
			861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.				
			862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.				
			863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.				
			FIREWORKS					
			285	To discharge at displays—actual hours at site (per hour) \$ 210.				
			HIGH RISE/HOTEL/MOTEL					
			890	Site inspection \$ 570.				
			894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.				
			MAGAZINES					
			242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.				
			243	—subsequent inspection (per hour) \$ 210.				
			244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.				
			245	—subsequent inspection (per hour) \$ 210.				
			THEATRICALS AND TELEVISION SPECIAL EFFECTS					
			654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.				
			REINSPECTIONS					
			999	All Reinspections (per hour) \$ 210.				
			998	Special situations (per hour) \$ 210.				

*Per hour charge is per inspector.
1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

CITY OF NEW YORK FIRE DEPARTMENT
FIRE ALARM INSPECTION UNIT B-45

REQUEST FOR INSPECTION DATE

DATE: _____

ADDRESS: _____

PREMISES NAME: _____ BORO: _____

PREMISES TELEPHONE: _____

NEAREST INTERSECTION: _____

MEETING LOCATION: _____

TYPE OF SYSTEM: _____ FLOOR: _____

PREMISES OCCUPANCY: _____

INSPECTION REQUEST MADE BY: _____

PHONE: _____ OFFICE PHONE: _____ CELL: _____

COMPANY NAME AND ADDRESS: _____

ADDRESS:
FD CODE:

BUILDING OWNER OR MANAGING AGENT

NAME: (PRINT) _____ PHONE _____

ADDRESS _____

BEFORE INSPECTION DATE CAN BE ISSUED:

- F.D. Form A433 must be enclosed, signed and sealed.
- F.D. plan approval must be enclosed with fire alarm riser and PW1 application.
- Submit this request form with three (3) copies.
- Submit this request with a stamped, self-addressed envelope for return of the inspection date.

INSPECTION DATE WILL NOT BE ISSUED IF THE ABOVE IS NOT COMPLETED.

Office Use Only

INSPECTOR: _____
DATE: _____ AT: _____

Requests for inspection, information, or verification, contact any unit supervisor at (718) 999-2466 or (718) 999-1617. Any problems contact Unit Manager Gittlitz at (718) 999 2470 or Chief Bacci (718) 999-2377

Notification signs shall be posted in the premises prior to the test date. Signs may be obtained from the Fire Alarm Inspection Unit 3rd Floor, 9 MetroTech Center, Brooklyn NY 11201.

Sufficient manpower and material shall be made available to conduct test.

SUPERVISOR FIRE ALARM INSPECTION UNIT

DATE ASSIGNED

ATTN: MARY K.

A-10(D) (4/97) 72-910143-117-P

STREETS
EAST 14TH ST
HAMILTON AVE.

CITY OF NEW YORK
FIRE DEPARTMENT

BATTALION _____

D.O. 34

VIOLATION ORDER 801L

E 74725

To 448 HAMILTON AVE, BROOKLYN. NYC DOT
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
ALL MAINBUILDING/ ASPHALT PLANT 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		INTERIOR FIRE ALARM + CENTRAL OFFICE CONN
✓	1)	REPAIR THE MAIN BUILDING'S INTERIOR FIRE ALARM + SMOKE/HEAT DETECTION SYSTEM, WHICH IS IN A DISREPAIR AND MAKE SAME OPERABLE AS PER CODE AT ALL TIMES.
✓	2)	PROVIDE THE ABOVE SYSTEMS TO BE MONITORED AT ALL TIMES BY THE FD APPROVED FRANCHISED CENTRAL STATION OF MONITORING COMPANY. [NOTE: PRESENTLY THE EXISTING CENTRAL OFFICE CONNECTION IS NOT CONNECTED TO THE CENTRAL OFFICE.]
?	3)	PROVIDE REINSPECTION TEST. & FC 27-106 ADM CODE 27-424

If this order has not been complied with in, X days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

TO 24

FOR -NUMBERING

FOR DISMISSAL

NICHOLAS SCOPPETTI
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

ANTHONY BORDENCA PLANT MGR 718-369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
T.S. MATTHEWS 7/21/2003 F.A.I.U.
INSPECTOR DATE UNIT

Unit Address 9 METROTECH CNTR Unit Telephone 718-999-2469
BROOKLYN NY 11201

Form B-45 For violation E 74725

BREED to FILE w/ F.D.

will send Fax w/ insp. date



CROSS STREETS
EAST 14TH ST
HAMILTON AVE.

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 34
E 74725

~~VIOLATION ORDER~~ 801L

To 448 HAMILTON AVE, BROOKLYN. NYC DOT
ADDRESS
ALL MAINBUILDING/ ASPHALT PLANT 080/5364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		INTERIOR FIRE ALARM + CENTRAL OFFICE CONN.
	1)	REPAIR THE MAIN BUILDING'S INTERIOR FIRE ALARM + SMOKE/HEAT DETECTION SYSTEM, WHICH IS IN A DISREPAIR AND MAKE SAME OPERABLE AS PER CODE AT ALL TIMES.
	2)	PROVIDE THE ABOVE SYSTEMS TO BE MONITORED AT ALL TIMES BY THE FD APPROVED FRANCHISED CENTRAL STATION OF MONITORING COMPANY. [NOTE: PRESENTLY THE EXISTING CENTRAL OFFICE CONNECTION IS NOT CONNECTED TO THE CENTRAL OFFICE.]
	3)	PROVIDE REINSPECTION TEST. <small>ADMIN CODE 27-4201</small> & FC 27-106

If this order has not been complied with in, X days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 | **TO 24**
FOR -NUMBERING | **FOR DISMISSAL**

NICHOLAS SCOPPETTA
 Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

ANTHONY BORDENCA PLANT MGR 718-369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
T.S. MATTHEWS 7/21/2003 F.A.I.U.
INSPECTOR DATE UNIT

Unit Address 9 METROTECH CNTR Unit Telephone 718-999-2469
BROOKLYN NY 11201



CROSS STREETS

CITY OF NEW YORK

FIRE DEPARTMENT

BATTALION

EAST 14TH ST
9 HAMILTON AVE.

D.O. 34
E 74724

~~VIOLATION ORDER~~ 806L

To 448 HAMILTON AVE, BROOKLYN, NYC D.O.T.
ADDRESS
ALL INDUSTRIAL ASPHALT PLANT 08 015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		HEAT DETECTION FOR FOAM RELEASE.
✓	1	REPAIR/REPLACE THE TWO HEAT DETECTORS WHOSE RATE OF RISE HEAT SENSING PROBES HAVE BEEN COVERED BY TAR AND ASPHALT AND ARRANGE TO KEEP THEM CLEAN AT ALL TIMES
✓	2	PAINT ALL CONDUIT/JUNCTION BOX/ENCLOSURE COVERS ASSOCIATED WITH THIS SYSTEM WIRING FIRE DEPT REG
✓	3	LABEL THE HEAT DETECTION FOR FOAM RELEASE SYSTEM AS SUCH, AS PER CODE.
DO	4	PROVIDE BSA/MEA LABEL ON CONTROL PANEL.
✓	5	ARRANGE POWER FOR THIS SYSTEM TO BE TAPPED ON LINE SIDE OF MAIN SERVICE SWITCH PER CODE
DO	6	PROVIDE RISER DIAGRAM/OPERATING INSTRUCTION UNDER FRAMED GLASS BY THE CONTROL BOARD

If this order has not been complied with in, X days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

NICOLA SCOPETTA
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

ANTHONY BORDENCA PLANT MANAGER 718-369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

T.S. MATTHEWS 7/21/2003 FIREARM INSPECTION UNIT
INSPECTOR DATE UNIT

Unit Address 9 METROTECH CNTR Unit Telephone 718-999-2469
BROOKLYN NY 11201



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

Date: 05/25/07

Department of Transportation
448 Hamilton Avenue
Brooklyn, NY 11232
Attn: Bill Slater

Re: Bulk Oil Storage Plant – F.D. Acct.# 08015364
Notice for 2-year test of fire protection systems (3RCNY7-01)

Location: 448 Hamilton Ave., Queens, NY Test due: *May 2007*

Fire Department records indicate approximately (2) two years passed since the fire protection systems have been tested. You are hereby directed to arrange for the following test within (30) thirty days from the date of this letter in order to avoid the issuance of a Fire Department violation order.

The test of your fire extinguishing system shall be scheduled by contacting this office at the number noted below. A representative of this Department must witness tests. If a foamite extinguishing system is used, an actual demonstration must show the system capable of delivering the proper amount of foam to the tank most remote from the source of supply. The remaining tanks shall be tested with a flow of water, not foam. If a CO2 system, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. Piping shall be tested with a discharge of nitrogen into the storage tanks. If steam is used, lines shall be tested with a discharge of same into all storage tanks.

- Note:
1. *Weighing scale to be provided by operator of bulk oil plant.*
 2. *All equipment such as yard hydrants, water sprays at loading racks, monitor nozzles, and tank overflow protection systems, are required to be tested in addition to the tank fire extinguishing system.*
 3. *Test to be performed by a Bulk Oil FDNY Certificate of Fitness holder.*

Very truly yours,

M. Ahsan

M. Ahsan
Deputy Chief Inspector-in Charge
Bulk Fuel Safety Unit
Room #3E-79K, (718) 999-2461

MA:ap
Bfsu 2yr test ltr.doc

0341

FRANK CIFUENTES

2461

6/19/07

9:00 AM



CROSS STREETS

14th STREET

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(B) 10-03

BATTALION _____

D.O. 34

VIOLATION ORDER

801-L

D.O.T

E 223686

To 448 HAMILTON AVENUE BILLYN DEPARTMENT OF TRANSPORTATION

ADDRESS: ALL INDUSTRIAL ASPHALT PLANT
ROOM NO. OR FLOOR: _____ TYPE OF OCCUPANCY: _____ ACCOUNT NO.: _____

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		FIRE ALARM SYSTEM / CENTRAL OFFICE CONNECTION
	(1)	PLACE THE EXISTING FIRE ALARM SYSTEM IN PROPER WORKING ORDER AND MAINTAIN SAME AT ALL TIMES
	(2)	HAVE A LICENSED ELECTRICAL CONTRACTOR FILE WITH FIRE DEPARTMENT, BUREAU OF FIRE PREVENTION USING FORM A-433 FOR REMOVAL OF ELECTRICAL ITEMS OF THIS ORDER.
	(3)	REQUEST FOR INSPECTION OF THE ABOVE MENTIONED SYSTEM BY SUBMITTING A WRITTEN REQUEST FORM B-45
		Authority: 27-4267.1 + 27.4265 NYC Fire Prevention Code 27-106 NYC BUILDING CODE.

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR NUMBERING

TO 24
FOR DISMISSAL

Nicholas Scoppetta
By Order of the Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

DAVE STERMAN OPERATIONS (718) 369-4244
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
Murray Uresky 1-14-08 FIRE ALARM Inspector
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech Center Unit Telephone 718-999-2469
BILLYN NY 11201



CROSS STREETS

14 ST
Hamilton ave

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(B) 10-03

BATTALION

48

D.O.

11

E 230947

VIOLATION ORDER

To 448 Hamilton ave Brooklyn, NY 11215 MC Dept of Trans.
-1 ADDRESS CITY OF NEW YORK 05113279
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		<u>FOR MOTOR FUEL STORAGE SYSTEMS</u>
F04		Failure to close and seal out of service (motor fuel, fuel, oil or other)
		1- 2500 Gallons of diesel; 1- 1000 gallons of gasoline
		1- 6000 gallons of waste oil
		Remedy: File with this Department an affidavit executed by a person holding a Certificate of License to install, alter, test or repair motor fuel storage and dispensing equipment certifying that such systems was closed and seal.
		Note 1- 1000 GAL gasoline was temporarily closed on 12/2003
		1- 6000 GALLONS waste oil was temporarily closed on 3/2006

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR -NUMBERING

TO 24

FOR DISMISSAL

By Order of the Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

David Stegman
NAME OF PERSON WHO RECEIVED THIS ORDER
M. Leybelman 07-18-08
INSPECTOR DATE
TITLE PHONE #
DOLL 369-4244
UNIT

Unit Address 9 Metro Tech CTR
Brooklyn, NY 11201
Unit Telephone 718-999-2451/52
FAX 718-999-0096

212 442 7303

** Transmit Conf. Report **

P.1

Jul 29 2008 14:56

Fax/Phone Number	Mode	Start	Time	Page	Result	Note
912124427303	NORMAL	29,14:56	0'49"	1	# 0 K	

SAMBALIS →



CROSS STREETS

141 st
Hamilton Ave

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(B) 10-03

BATTALION

D.O.

VIOLATION ORDER

E 230947

To: 448 Hamilton Ave Brooklyn, NY 11211 DEPT OF TRANS
 -1 City of New York 05113279

An inspection this date of the above premises indicates the existence of the following violations under the jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD CODE NO.	ITEM NO.	DESCRIPTION
F04		<p>For motor fuel storage systems</p> <p>Failure to close and lock cover of service (motor, fuel tank, or oil filler)</p> <p>1- 2500 Gallons of diesel; 1- 1000 Gallons of gasoline</p> <p>1- 6000 Gallons of waste oil</p> <p>Remedy: File with this Department an affidavit, executed by a person holding a Certificate of License to install, alter, repair, maintain, test, service, and dispense fuel equipment certifying that fuel systems was checked and safe</p> <p>Note: 1- 6000 Gallons of waste oil was temporarily closed or</p>

If this order has not been complied with in 30 days of the issuance date, A SUMMONS will be served for violation of the Administrative Code of the City of New York.

TO 25 FOR NUMBERING TO 24 FOR DISMISSAL

By Order of the Fire Commissioner

This is to certify that I have read the above order and have advised the above order to
 David Shepman 718-424-4444
 M. L. ... 718-999-0096

Unit Address: 9 Mc ... 718-999-2451
 Fire ... 718-999-0096



CROSS STREETS

14 ST
Hamilton ave

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(B) 10-03

BATTALION 48

D.O. 11

E 230947

VIOLATION ORDER

To 448 Hamilton ave Brooklyn, NY 11215 MK Dept of Trans.
ADDRESS
-1
ROOM NO. OR FLOOR
City of New York
TYPE OF OCCUPANCY
05112279
ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	FOR motor fuel storage systems
F04		Failure to close and seal out of service (motor fuel, fuel, oil or other) 1- 2500 Gallons of diesel; 1- 1000 gallons of gasoline 1- 6000 gallons of waste oil Remedy: File with this Department an affidavit executed by a person holding a Certificate of License to install, alter, test or repair motor fuel storage and dispensing equipment certifying that such systems was closed and seal. NOTE 1- 1000 GAL gasoline was temporarily closed on 12/2003 1- 6000 GALLONS waste oil was temporarily closed on 3/2006

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

By Order of the Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

David Sberman
NAME OF PERSON WHO RECEIVED THIS ORDER
369-4244
TITLE PHONE #

M. Leybelman 07-18-08
INSPECTOR DATE
D011
UNIT

Unit Address 9 Metro Tech CTR Unit Telephone 718-999-2451/52
Brooklyn, NY 11201 FAX 718-999-0096

Effective November 15, 1998

~~§ 111.2~~ Out-of-Service Storage Systems

(a) Applicability

This section applies to storage systems for gasoline, diesel, fuel oil or other flammable or combustible mixtures that are not in use for 30 days or more, except when such systems are used for seasonal storage or standby storage but are not permanently out of service. As used in this rule, the term "storage system" shall include the storage tank and associated piping.

(b) Definitions

Permanently out-of-service storage systems. Storage systems that are no longer to be used for storing gasoline, diesel, fuel oil or other flammable or combustible mixtures. The Department may deem a storage system permanently out of service and require that it be closed accordingly where it has not been closed and maintained as a temporarily out-of-service storage system and the circumstances of an actual or anticipated change in use or occupancy of the premises at which the storage system is located indicate that any further use of such storage system cannot be reasonably anticipated.

Temporarily out-of-service storage systems. Storage systems for gasoline, diesel, fuel oil or other flammable or combustible mixtures that have not been in use for 30 days or more, but that are not permanently out-of-service.

(c) Temporarily out-of-service storage systems

(1) Closure requirements. Temporarily out-of-service storage systems shall be closed and sealed as follows:

- (i) All contents from the storage system shall be removed. The storage system shall be rendered free of flammable or combustible vapors.
- (ii) Any product, including any waste removed from the storage system, shall be disposed of in accordance with all applicable city, state and federal requirements.
- (iii) All manways shall be locked or bolted securely, and fill lines and other openings of the storage system shall be capped or plugged and covered with concrete to prevent unauthorized use or tampering. Vent lines shall remain open.
- (iv) Aboveground tanks must be protected from flotation in accordance with good engineering practice.

(2) Affidavit of compliance. The owner or operator of a temporarily out-of-service storage system or the holder of the Department permit for such system shall file with the Department an affidavit certifying that such system was closed and sealed in compliance with the requirements of the Administrative Code of the City of New York and this section. Such affidavit shall be executed by a person with the requisite qualifications, as follows:

- (i) For motor fuel or other flammable or combustible liquid storage systems, by a person holding a Certificate of License issued by the Department to install, alter, test or repair motor fuel storage and dispensing equipment.
- (ii) For fuel oil storage systems with a total capacity exceeding 275 gallons, by a person holding the aforementioned Certificate of License, or an oil-burning equipment installer license issued by the New York City Department of Buildings.
- (iii) For fuel oil storage systems with a total capacity of 275 gallons or less, by a person holding the aforementioned Certificate of License or oil-burning equipment installer license, or a plumber licensed by the New York City Department of Buildings.

(3) Permit and testing requirements

- (i) All storage systems which have been rendered temporarily out of service shall continue to be subject to the Department's permit and testing requirements and the registration, reporting, inspection and testing regulations of the New York State Department of Environmental Conservation.
- (ii) Before a temporarily out-of-service tank system may be restored to service, an affidavit of compliance shall be filed with the Department in accordance with the provisions of paragraph 2 of this subdivision, certifying the integrity of the tank and piping, and the proper functioning of the leak detection and cathodic protection systems.

(d) Permanently out-of-service storage systems

(1) Closure requirements. Permanently out-of-service storage systems either shall be removed from the ground or premises, or closed and sealed, as follows:

- (i) All contents from the storage system shall be removed. The storage system shall be rendered free of flammable or combustible vapors.
- (ii) Any product, including any waste removed from the storage system, shall be disposed of in accordance with all applicable city, state and federal requirements.

- (iii) After being rendered free of flammable or combustible vapors, underground tanks shall be removed, or if left in place, filled to capacity with a solid inert material such as sand, concrete slurry, or other approved material. After being rendered free of flammable or combustible vapors, aboveground tanks shall be removed entirely, or if left in place, protected against flotation in accordance with good engineering practice and stenciled with the date of permanent closure.
- (iv) All connecting lines shall be disconnected and removed, or securely capped or plugged. All fill lines shall be disconnected and removed, or if not removed, the fill connection shall be sealed with concrete so as to prevent use of the fill line. Manways shall be securely fastened in place.

(2) Affidavit of compliance. The owner or operator of a permanently out-of-service storage system or the holder of the Department permit for such system shall file with the Department an affidavit certifying that such system was removed, or closed and sealed, in compliance with the requirements of the Administrative Code of the City of New York and this section. Such affidavit shall be executed by a person with the requisite qualifications, as follows:

- (i) For motor fuel or other flammable or combustible liquid storage systems, by a person holding a Certificate of License issued by the Department to install, alter, test or repair motor fuel storage and dispensing equipment.
- (ii) For fuel oil storage systems with a total capacity exceeding 275 gallons, by a person holding the aforementioned Certificate of License, or an oil-burning equipment installer license issued by the New York City Department of Buildings.
- (iii) For fuel oil storage systems with a total capacity of 275 gallons or less, by a person holding the aforementioned Certificate of License or oil-burning equipment installer license, or a plumber licensed by the New York City Department of Buildings.

(3) Environmental site assessment

If an environmental site assessment is required by federal or state law or regulations, the owner or operator of the storage system, the holder of the Department permit for such system, or the person filing the affidavit of compliance for such system, shall submit to the Department a written statement that such environmental site assessment has been performed in accordance with such law and regulations.

(e) License requirements

- (1) Closure of motor fuel or other flammable or combustible liquid storage systems,

whether temporary or permanent, shall be performed by a person holding a Certificate of License issued by the Department to install, alter, test or repair motor fuel storage and dispensing equipment or by a person who is employed and supervised by a person holding such certificate.

(2) Closure of fuel oil storage tanks with a total capacity exceeding 275 gallons shall be made by a person holding the aforementioned Certificate of License or who is employed and supervised by a person holding such certificate, or by a person holding an oil-burning equipment installer license issued by the New York City Department of Buildings or who is employed and under the direct supervision of a person holding such a license.

(3) Closure of fuel oil storage tanks with a total capacity of 275 gallons or less shall be made by a person holding the aforementioned Certificate of License or oil-burning equipment installer license or who is employed and under the direct supervision of a person holding such a license, or a plumber licensed by the New York City Department of Buildings.

(f) Modification

Whenever circumstances, conditions, limitations, or surroundings are unusual, or such as to render it impracticable to comply with any or all of the foregoing provisions, the Commissioner may waive or modify such provisions to such extent as he or she may deem necessary, consistent with public safety.

FIRE DEPARTMENT • CITY OF NEW YORK

BUREAU OF FIRE PREVENTION

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

REFRIGERATION PERMIT APPLICATION FOR SYSTEMS HAVING ABOVE FIVE (5) HORSEPOWER

Submit separate A-5 for systems not having identical answers

CHECK D.O. RECORD FILE: Active Refrigeration Account for this Applicant _____, if yes, insert

(YES OR NOT)

Acct. No. _____

Dist. Office 11
Batt. 48
Company E239
Boro No. 4

Application Classed as →

New 9
Renewal _____
Supplementary _____

Total Fee 0

Expiration Date _____
(Pro Rate to coincide with existing accounts)

na
MONTH YEAR

MAIL FEE NOTICE TO

DOT

PRINT NAME OF FIRM, CORP., ETC.

Address 448 Hamilton Ave

Borough BROOKLYN Zip Code 11232

Name _____

Premises Address _____

Borough _____ Zip Code _____

06-12-06 19____
DATE OF APPLICATION

The undersigned hereby make application for a permit to maintain and operate refrigerating equipment and/or carbonated beverages in compliance with the requirements of Chapter 19 of the Administrative Code.

PENALTY FOR FALSIFICATION:

Falsification of any statement made herein is an offense punishable by a fine or imprisonment or both.
(N.Y.C. Adm. Code—O.C. Sec. 1151-9.0/N.C. Sec. 10-154)

Signed: P. B. [Signature]
SIGNATURE OF AT LEAST ONE OFFICER

Telephone: 369-4246/26

INSPECTOR'S REPORT

FILL IN ALL QUESTIONS—MARK N.A. WHERE NOT APPLICABLE

(O.C. C19-97.0/N.C. 27-4113) General Occupancy of Building? City Nature of Applicant's Business? DOT

(O.C. C19-97.1/N.C. 27-4114) Class System? a. Direct b. Indirect c. Double or Secondary

(O.C. C19-96.3/N.C. 27-4112) Type Machinery Room? No Approved _____

(O.C. C19-98.2/N.C. 27-4118) Location of Refrig. Piping inside units

(O.C. C19-98.2-B/C/N.C. 27-4118) Piping Protected? Yes

(O.C. C19-98.3-E/N.C. 27-4119) Open Flame Machinery Room? No

(O.C. C19-98.3-F/N.C. 27-4119) Hood or Flue Provided? No

(O.C. C19-98.3-E/N.C. 27-4119) Enclosed-Vented To Outer Air? Yes

(O.C. C19-98.3-F/N.C. 27-4119) Open Flame? No

(O.C. C19-100.7/N.C. 27-4131) Approved Natural or Mechanical Vent? Natural

(O.C. C19-100.7-D/N.C. 27-4131) Independent Mechanical Vent Provided? No

(O.C. C19-102.3/N.C. 27-4140) High Pressure Limiting Device? Yes

(O.C. C19-102.5/N.C. 27-4142) Pressure Limiting Device Valved Off? Yes

(O.C. C19-103.3/N.C. 27-4140) All Pressure Vessels Have Safety Device? Yes

Erected System Over 15 HP—(O.C. C19-106.2/N.C. 27-4177) Declaration Test Posted? No

For Over 100# (O.C. C19-104.9/N.C. 27-4159) Group I Refrigeration Pressure Relief Discharge to Outer Air? Yes

(O.C. C19-104.9/N.C. 27-4159) Group II or III Refrigeration Pressure Relief Device Discharge to Outer Air? Yes

(O.C. C19-104.9/N.C. 27-4159) Less 12' Above Grade? No

(O.C. C19-104.1/N.C. 27-4151) Any Stop Valve Located Between Safety Device? No

(O.C. C19-101.4-D/N.C. 27-4136) Stop Valves Labelled? No

(O.C. C19-106.3/N.C. 27-4178) Systems On Premises Have Approved Signs? Yes

(O.C. C19-106.4/N.C. 27-4179) Approved Metal Signs Provided For 25 H.P. or More? No

(O.C. C19-106.6/N.C. 27-4181) Field Assembly apparatus Have Approved Name Plates? Yes

(O.C. C19-106.13/N.C. 27-4188) Refrigeration System(s) Properly Maintained? Yes

100# Group II Refrigerants (O.C. C19-106.12/N.C. 27-4187) Approved Mask(s)? na

(Over 15 H.P.—O.C. C19-106.14/N.C. 27-4189) Emergency Instructions Posted? na

(O.C. C19-100.0/N.C. 27-4124) Foundation Supports Combustible? Yes

NOTE: Plan or Sketches are required when a "Machinery Room" or "Machinery Room Class 1" is required in Public Assembly or Institutional Occupancies.



**CITY OF NEW YORK
FIRE DEPARTMENT – BUREAU OF FIRE PREVENTION**

ACCOUNT NO.	D.O.	PERMIT EXPIRATION	PAYMENT DUE	PAY THIS AMOUNT	INDICATE AMOUNT PAID
26094375	11	00/00/00	ON RECEIPT	420.00	

() CHECK HERE FOR ANY CHANGES IN THIS ACCOUNT AND INDICATE CHANGES ON REVERSE SIDE

PREMISES ADDRESS

448 HAMILTON AVE
BROOKLYN, NY 11232

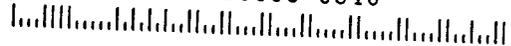
DO NOT FOLD THIS STUB IN ENVELOPE

TO ENSURE PROPER CREDIT TO YOUR ACCOUNT MAIL THIS ORIGINAL PORTION OF BILL WITH YOUR CHECK OR MONEY ORDER PAYABLE TO:

C26B1P006598 *****AUTO**3-DIGIT 112

BUREAU OF HIGHWAYS
448 HAMILTON AVE
BROOKLYN NY 11232-1015

NYC FIRE DEPARTMENT
CHURCH STREET STATION
P.O. BOX 840
NEW YORK, NY 10008-0840



06 26094375 0706 061406 11 0042000

INDICATE CHANGES BELOW – PLEASE PRINT OR TYPE ALL INFORMATION

CHANGE MANAGEMENT AGENT OR NAME OF BUSINESS _____

NEW OWNER _____

CORRECT OR CHANGE MAILING ADDRESS _____

DO NOT CHECK NEW OWNER IF ONLY NAME OF THE BUSINESS OR NAME OF THE MANAGEMENT AGENT HAS CHANGED.

YOUR COMMENTS _____

STREETS

CITY OF NEW YORK

BATTALION

EAST 14TH ST

FIRE DEPARTMENT

D.O.

34

9 HAMILTON AVE.

VIOLATION ORDER

806L

E

74724

To 448 HAMILTON AVE, BROOKLYN, NYC D.O.T.

ADDRESS

NAME OF OWNER, LEASEE, OCCUPANT, ETC.

ALL INDUSTRIAL ASPHALT PLANT

08 015364

ROOM NO. OR FLOOR

TYPE OF OCCUPANCY

ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		HEAT DETECTION FOR FOAM RELEASE.
✓	1	REPAIR/REPLACE THE TWO HEAT DETECTORS WHOSE RATE OF RISE HEAT SENSING PROBES HAVE BEEN COVERED BY TAR AND ASPHALT AND ARRANGE TO KEEP THEM CLEAN AT ALL TIMES
✓	2	PAINT ALL CONDUIT/JUNCTION BOX/ENCLOSURE COVERS ASSOCIATED WITH THIS SYSTEM WIRING (REDEPT RED)
✓	3	LABEL THE HEAT DETECTION FOR FOAM RELEASE SYSTEM AS SUCH, AS PER CODE.
DOT complete	4	PROVIDE BSA/MEA LABEL ON CONTROL PANEL.
✓	5	ARRANGE POWER FOR THIS SYSTEM TO BE TAPPED ON LINE SIDE OF MAIN SERVICE SWITCH PER CODE.
Not complete	6	PROVIDE RISER DIAGRAM/OPERATING INSTRUCTION UNDER FRAMED GLASS BY THE CONTROL BOARD

If this order has not been complied with in, X days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR -NUMBERING

TO 24

FOR DISMISSAL

NICOLAUS SCOPETTA

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

ANTHONY BORDENCA PLANT MANAGER 718-369-4246

NAME OF PERSON WHO RECEIVED THIS ORDER

TITLE PHONE #

T.S. MATTHEWS 7/21/2003

FIREARM INSPECTIONS UNIT

INSPECTOR

DATE

UNIT

Unit Address 9 METROTECH CNTR BROOKLYN NY 11201

Unit Telephone 718-999-2469

FIRE DEPT CERT. OF FITNESS



**New York City
Department of Transportation**

Janette Sadik-Khan, Commissioner

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Web: www.nyc.gov/dot

MEMORANDUM

TO: Deputy Commissioners
FROM: Marlene Hochstadt *Marlene Hochstadt*
Assistant Commissioner
SUBJECT: Certificates of Fitness / Fee Waivers
Date: July 18, 2007

2007 JUL 23 PM 1:18
RRM ADMIN

DOT employees may perform assignments for which they are required to possess one or more FDNY Certificates of Fitness (COF). Typical tasks performed that would require a COF include working with equipment that uses compressed oxygen, propane and acetylene tanks, and stationary and mobile compressors. It is important that all personnel, if applicable, obtain the appropriate COF and maintain certification. Most COFs holders must be recertified every 3 years.

For examination and certification by the FDNY, employees should visit the FDNY exam room Monday through Friday, 9:00 AM - 2:00 PM. Employees must bring their employee identification cards and a letter on Agency letterhead from their supervisor stating the need for certification and the request for fee waiver. Attached is a form letter that should be used for DOT employees.

The FDNY exam room is located at 9 Metrotech Center, Brooklyn, NY (Downtown Brooklyn). Study material is available on the web at

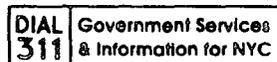
http://www.nyc.gov/html/fdny/html/c_of_f/cof_study_materials.shtml

or onsite for review prior to examination. Managers can contact the exam room at (718) 999-2000 for more information.

To renew a COF, employees must take their current COF, their employee identification card and the fee waiver request letter to the above address.

If you have any questions about this issue or would like copies of the study material in advance, please call the Occupational Safety & Health Office at (212) 442-1965. Please note that a copy of all letters should be faxed to that office at the number on the form. Thank you in advance for your cooperation.

c: FDC L. Ardito, P Breglio, J. Massey, Personnel Coordinators, Safety Coordinators





**New York City
Department of Transportation**

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Janette Sadik-Khan, Commissioner

Web: www.nyc.gov/dot

FDNY Certification
9 Metrotech Center
Brooklyn, NY

Re: Certificate of Fitness (COF) Fee Waiver Request for:

(DOT Employee Name)

To whom it may concern:

Please be advised that the above named employee of the New York City Department of Transportation performs the following duties:

Performing these duties requires him/her to possess the following Certificate(s) of Fitness:

Accordingly, as the above named individual is an employee of the City of New York and requires the Certificate(s) of Fitness (first time application or renewal) listed above to perform his/her job, we respectfully request that FDNY waive the \$25.00 application fee. The above named employee will present their NYC Department of Transportation ID card as proof of City employment and expiring COF if this if for a renewal.

Thank you for your assistance in this matter.

Very truly yours,

Supervisor of Employee needing COF (s)

PRINT NAME

SIGNATURE

TELEPHONE #

c: DOT Occupational Safety & Health Office (fax (212) 442-9208)





New York City
Department of Transportation

Janette Sadik-Khan, Commissioner

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Web: www.nyc.gov/dot

MEMORANDUM

TO: Deputy Commissioners
FROM: Marlene Hochstadt *Marlene Hochstadt*
Assistant Commissioner
SUBJECT: Certificates of Fitness / Fee Waivers
Date: July 18, 2007

2007 JUL 23 PM 1:30
RRM ADMIN

DOT employees may perform assignments for which they are required to possess one or more FDNY Certificates of Fitness (COF). Typical tasks performed that would require a COF include working with equipment that uses compressed oxygen, propane and acetylene tanks, and stationary and mobile compressors. It is important that all personnel, if applicable, obtain the appropriate COF and maintain certification. Most COFs holders must be recertified every 3 years.

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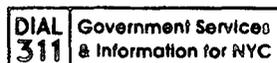
http://www.nyc.gov/html/fdny/html/c_of_f/cof_study_materials.shtml

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c: FDC L. Ardito, P Breglio, J. Massey, Personnel Coordinators, Safety Coordinators





**New York City
Department of Transportation**

Janette Sadik-Khan, Commissioner

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Web: www.nyc.gov/dot

FDNY Certification
9 Metrotech Center
Brooklyn, NY

Re: Certificate of Fitness (COF) Fee Waiver Request for:

(DOT Employee Name)

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Thank you for your assistance in this matter.

Very truly yours,

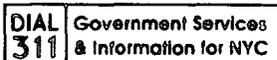
Supervisor of Employee needing COF (s)

PRINT NAME

SIGNATURE

TELEPHONE #

c: DOT Occupational Safety & Health Office (fax (212) 442-9208)





**New York City
Department of Transportation**

Janette Sadik-Khan, Commissioner

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Web: www.nyc.gov/dot

MEMORANDUM

TO: Deputy Commissioners
FROM: Marlene Hochstadt *Marlene Hochstadt*
Assistant Commissioner
SUBJECT: Certificates of Fitness / Fee Waivers
Date: July 18, 2007

2007 JUL 23 PM 1:50
RRM ADMIN

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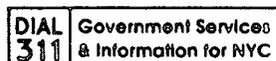
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c: FDC L. Ardito, P Breglio, J. Massey, Personnel Coordinators, Safety Coordinators





**New York City
Department of Transportation**

Janette Sadik-Khan, Commissioner

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Web: www.nyc.gov/dot

FDNY Certification
9 Metrotech Center
Brooklyn, NY

Re: Certificate of Fitness (COF) Fee Waiver Request for:

(DOT Employee Name)

To whom it may concern:

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Thank you for your assistance in this matter.

Very truly yours,

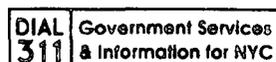
Supervisor of Employee needing COF (s)

PRINT NAME

SIGNATURE

TELEPHONE #

c: DOT Occupational Safety & Health Office (fax (212) 442-9208)





New York City
Department of Transportation

① C. Elizabeth
Dave
Doran
② of Staff Mtng.
Jane Lauer Barker, Esq.
Director of Employee Relations
40 Worth Street - Room 1010
New York, New York 10013

Elliot G. Sander, Commissioner

Hi Tom -
This is the latest
paperwork from the FDNY.
Please send me a copy
of the Certificate of Use
permit once you receive it.
Thank you
- Anne

MEMORANDUM

TO: Tom Siano
Asphalt Plant

FROM: Carole Chirgwin, Director *Carole*
DOT Safety and Health

SUBJECT: Fire Department Violations

DATE: October 25, 1995

DOT EXCLUSIVELY
BOROUGH OF BROOKLYN
OCT 26 3 44 PM '95

Attached please find several violations issued by the New York City Fire Department (FDNY).

Please contact me at (212) 442-1963 if you want to discuss these violation,s and send me a copy of all correspondence forwarded to the FDNY.

attachment

c: C/A/O M. Weiss, BKBC J. Foulke, J. Lauer Barker, R. Murphy



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

CITY AGENCY V.O. / (NOV) TRACKING SHEET

Agency:

Department of Transportation v.o.# Various

Date 9/22/95

The following steps were taken by this agency prior to the attached being forwarded to your office:

- Reinspection conducted no compliance: or NOV complied date passed.
- Affected agency notified of V.O.
- Affected agency contacted 10 days prior to forwarding attached for disposition.
- As of this date 9/22/95 the attached V.O. has not been complied with (CURED).

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201
1-718-403-1261

(Handwritten circled 'F')

87 0675 JL29

FOLDER NO.

Refer to

ACCOUNT NO. 08015364

Order No. _____

COMPANY NO. E122 Batt 48

DATE ISSUED _____

DISTRICT NO. 10 DIV. 10 ELECTRICAL ORDER D.O. #34

Occupancy for which this ORDER is issued.

N.Y.C. Department of Transportation
40 Worth St.
New York, N.Y. 10013

448 Hamilton Ave.
Brooklyn, N.Y. 11232

RE: HEAT DETECTION/FOAM EXTINGUISHING SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

COMPLIANCE IS HEREBY REQUESTED WITH THE FOLLOWING RECOMMENDATIONS:

(Handwritten notes and initials on the left margin, including 'N.Y.C. DEPT. OF TRANSPORTATION' and various initials like 'S', 'R', 'C', 'B', 'A', 'M', 'P', 'L', 'K', 'J', 'D', 'E', 'F', 'G', 'H', 'I', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z', 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z')

- 1. Provide and install explosion proof motors THROUGHOUT.
- 2. Provide missing junction box covers in electric service rm.
- 3. Replace ALL broken conduits around asphalt storage tanks.
- 4. Provide an approved manual sending station in a approved weatherproof outdoor enclosure, outside dispatchers office.
- 5. Provide 2nd phone line for digital central office trans.
- 6. Provide power indication for above transmitter.
- 7. Replace vibrating alarm bell with approved horn.
- 8. Place heat detection system in proper working order for automatic operation.

(Handwritten note: AIR PRESSURE, APPROX. Pressure & ELECT SOLENOID)

27-4265 Admn. Code.

Joseph E. Spinnato

**ELECTRICAL WORK
PLEASE RETURN TO
BUREAU TO BE**

(Handwritten notes and signatures on the right margin, including '448 Hamilton Ave' and 'Please return to Bureau')

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JOSEPH E. SPINNATO
FIRE COMMISSIONER

AS:mrs

~~Not to be used to comply with the above ORDER unless it is a copy of the original ORDER.~~

Dept of Highways

DIVISION OF FIRE PREVENTION
ROOM 1128 MUNICIPAL BUILDING
BROOKLYN, N.Y. 11201

Telephone: 643-403-1285

82 6794 8023

FOLDER NO.
ACCOUNT NO. X 509193
COMPANY NO. L-122 Batt. 48
DISTRICT NO. 26

Refer to
Order No. _____
DATE ISSUED _____

Occupancy for which this ORDER is issued.

City of New York
Department of Highways
40 Worth St.
New York, N.Y. 10013

Asphalt Plant
448 Hamilton Ave.
Brooklyn, N.Y.
788-4576

RE: FIRE DEPARTMENT PLAN #201-80B P&T FILE #800184

SIR:

Inspectors of this department report that the following items must be complied with before a permit may be issued to you.

- [1] Provide ~~2~~ - ~~2~~ 1/2" 150 psi rated steel angle control valves at Foam Hydrant Station. [Chapter 19-11.0 Adm. Code].
- [2] Provide steel fixed foam deflectors at all foam outlets servicing both the asphalt and fuel oil tanks. Deflectors are to be fabricated of a min. of 3/16" steel plate and sized to direct all foam into dykes. [Chapter 19-11.0 Adm. Code].
- [3] Provide transparent foam tank sight gauge tube. [Chapter 19-11.0 Adm. Code].
- [4] Provide telegraphic communication with Fire Department Headquarters. [Chapter 19-11.0 Adm. Code & Chapter 19-50.0 Adm. Code].
- [5] Provide an A.S.M.E. approval affidavit for the pressurized foam tank or arrange for a hydrostatic test of the foam tank at 2 times the operating pressure [Chapter 19-11.0 Adm. Code].

NOTES: [1] Amend P&T APPL.#800184 to include changes as per item's 1 & 2 of this order.
 [2] This order is being issued in addition and in conjunction with order #81-1706 item #9 and order #81-1393 item #5 that still remain as not being complied with as per our records.

FRANK GARA... (handwritten)

JOSEPH E. SPINNAFO
FIRE COMMISSIONER

JES:NS:mrs

~~Unauthorized reproduction of this document is prohibited.~~

FIRE DEPARTMENT OF THE CITY OF NEW YORK

147

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201

89 0456 JL 17

FOLDER NO. 08015364

Refer to

ACCOUNT NO.

Order No.

COMPANY NO. L-122 Batt. 48

DATE ISSUED

DISTRICT NO. 10 Div. 10 ELECTRICAL ORDER ~~134~~ D.O. #34 Occupancy for which this ORDER is issued.

City of New York
Dept. of Highway
40 Worth St.
N.Y., N.Y. 10013

Asphalt Plant
448 Hamilton Ave
Bklyn, N.Y.

HEAT DETECTION/FOAM SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

- 1. Paint Heat Detection pull station Red and label as such in lamacoid, as follows "Foam system activation" and provide missing break glass.
- 2. Label fuse cutout for foam system in lamacoid.

Admn. Code 27-4265

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JFB/JQ/bc

Joseph F. Bruno

Joseph F. Bruno
Fire Commissioner

ELECTRICAL ORDER
PLEASE RETURN #7
COPIES TO DESK 14

448 Hamilton Ave

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201

(F)

FOLDER NO. 08015364
ACCOUNT NO. Batt 418 Div 10
COMPANY NO. L 122
DISTRICT NO. 10

Refer to 83 0274 AP24
Order No. _____
DATE ISSUED _____

ELECTRICAL ORDER D.O. #34 Occupancy for which this ORDER is issued.

N.Y. C. Dept. of Transportation
40 Worth Street
New York, N.Y.

448 Hamilton Ave
Brooklyn, N.Y. 11232

HEAT DETECTION FOAM SYSTEM/CLASS 3 BOX CENTRAL OFFICE CONNECTION

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

Label Foam system control panel as such in lamaced.

Clean Panel of all dust and battery acid.

Clean all heat detectors of tar.

Paint Fuse cut out box for central office connection. ✓

Remove small Edwards Pull Station in weather proof box (This is not an approved Class 3 box). ✓

Arrange for a re-inspection in writing to this unit for a complete test of the Heat Detection System, and foam activation Class 3 box and walk through the Plant for explosion proof code compliance.

27-4265 Admn. Code.

Joseph P. Bruno
Fire Commissioner

JFB/JQ/bc

ELECTRICAL ORDER
PLEASE RETURN #1
COMES TO DESK 14

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIATED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

XX



New York City
Department of Transportation

Laura Chasin
Chief Administrative Officer/
Deputy Commissioner
40 Worth Street
New York, New York 10013

Elliot G. Sander, Commissioner

MEMORANDUM

Tom - please call me to discuss this

TO: Tom Siano
Asphalt Plant

FROM: Carole Chirgwin, Director
DOT Safety and Health *Carole*

SUBJECT: Fire Department Violations

DATE: May 13, 1996

Attached please find several violation orders issued by the New York City Fire Department (FDNY).

Please contact me at (212) 442-1963 if you want to discuss these violations and send me a copy of all correspondence forwarded to the FDNY.

attachment

c: C/A/O L. Chasin, BKBC J. Foulke, G. Lewis, R. Murphy

Division of Administration



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-910143-117-P

BATTALION _____

D.O. 26

VIOLATION ORDER

D 55503

To 448 HAMILTON Ave, BROOKLYN ADDRESS
DOTI NSAIHAI FAMILY NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Con-11 TYPE OF OCCUPANCY
08015364 ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

Bulk Oil

DESK 25
87
V.O. RCU
FEB 15 1995

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	SUBMIT EVIDENCE TO THIS OFFICE THAT ALL DEMOLITION OR (FOAM LINES CONVEYER MIXER etc) & ALL FUTURE INSTALLATIONS HAVE BEEN APPROVED BY ALL AGENCIES HAVING JURISDICTION
		727-4093-6147 AS

If this order has not been complied with in, 5 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING | TO 24 FOR DISMISSAL

Howard Safir
HOWARD SAFIR
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater Plant Manager
NAME OF PERSON WHO RECEIVED THIS ORDER
Day To her 2/1/95
INSPECTOR DATE
Bulk Oil
TITLE UNIT
PHONE #

Unit Address 250 Livingston St 13th fl Unit Telephone (415) 691-2655



CROSS STREETS _____

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

BATTALION _____

D.O. 26

D 38506

To 448 HAMILTON AVE, BROOKLYN DEPT. OF TRANSPORTATION
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Comm'l 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.
Bulk Oil unit

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	Submit a report to this office regarding the spilling of asphalt at this location. Information should include but not limited to chronology of events, date and time of events, what actions were taken, what agencies were notified and why the Fire Dept's Bulk Oil unit was not notified.
		T27-4010
		NOTE: THIS ORDER IS ISSUED FOR NON COMPLIANCE TO LETTER OF DEFECT OF 9/4/93.

V.O. RCD
09/27/1998

DESK 25

If this order has not been complied with in 10 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR NUMBERING

TO 24
FOR DISMISSAL

Carlos M. Rivera
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

CEDRIC CUTHBERT OFFICE AIDE.
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
RAY FORBES 10-20-93 Bulk Oil
INSPECTOR DATE UNIT

Unit Address 250 Livingston St, Bklyn. Unit Telephone (718) 403-1285



CROSS STREETS _____

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

BATTALION _____

D.O. 26

VIOLATION ORDER

D 36043

To 448 HAMILTON Ave Brooklyn DEA of Transportation
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.

CORIN D 08015 364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1.	Post instructions for the manual operation of bypass valves for foam system. T27-4053 b.12
	2.	Identify clearly all pertinent valves in foam house. T27-4053 b.12
	3.	Remove all water and asphalt product from bike areas. T27-4053 b.12
SEP 15 1993		
V.O. RCD - DESK 25		

If this order has not been complied with in, 5 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL

9-13-93

Carlos M. Rivera
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater Plant manager
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

RAY FORBES 8/23/73 Bulk Oil
INSPECTOR DATE UNIT

Unit Address 250 Livingston St. Bklyn. Unit Telephone (718) 403-1785



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-810143-117-P

BATTALION

D.O. 26

VIOLATION ORDER

D 51202

To 448 HAMILTON AVE BROOKLYN, DOT ASPHALT FACILITY
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
COMM'L 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.
Bulk Oil

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	PROVIDE CERTIFICATE OF FITNESS (PI2) COVERAGE AT THIS FACILITY 24 HOURS / DAY... 7 DAYS / WEEK. T27-4053.d.
		NOTE: THIS ORDER IS ISSUED IN CONJUNCTION WITH V.O. # D51201
		FORTHWITH 11:00 AM

V.O. RCD
MAR 10 1994
DESJ 23

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL

Charles M. Firona
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

WILLIAM SLATER PLANT MANAGER
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE
RAY FORBES 2/24/94 BULK OIL
INSPECTOR DATE UNIT

Unit Address 250 LIVINGSTON ST, BROOKLYN Unit Telephone (718) 694-2555

NY 11201

FIRE DEPARTMENT OF THE CITY OF NEW YORK

147

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201

89 045b JL17

FOLDER NO.08015364....

Refer to

ACCOUNT NO.

Order No. _____

COMPANY NO.L-122 Batt. 48

DATE ISSUED _____

DISTRICT NO.10 Div. 10. ELECTRICAL ORDER #34x D.O. #34 Occupancy for which this ORDER is issued.

City of New York
Dept. of Highway
40 Worth St.
N.Y., N.Y. 10013

Asphalt Plant
448 Hamilton Ave
Bklyn, N.Y.

HEAT DETECTION/FOAM SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

- NCW 1. Paint Heat Detection pull station Red and label as such in lamacoid, as follows "Foam system activation " and provide missing break glass.
- NCW 2. Label fuse cutout for foam system in lamacoid.

Admn. Code 27-4265

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JFB/JQ/bc

Joseph F. Bruno

Joseph F. Bruno
Fire Commissioner

ELECTRICAL ORDER
PLEASE RETURN #7
COPIES TO DESK 14

448 Hamilton Ave
Bklyn, N.Y.

Neglect or refusal to comply with the above ORDER may render you liable to fine or imprisonment or both.

FIRE DEPARTMENT OF THE CITY OF NEW YORK

DIVISION OF FIRE PREVENTION
ROOM 1128, MUNICIPAL BUILDING
BROOKLYN, N.Y. 11201

Telephone: 646-403-1285

62 6794 NO23

FOLDER NO.
ACCOUNT NO. **X 509193**.....
COMPANY NO. **L-122 Batt. 48**
DISTRICT NO. **26**.....

Refer to _____
Order No. _____
DATE ISSUED _____

Occupancy for which this ORDER is issued.

City of New York
Department of Highways
40 Worth St.
New York, N.Y. 10013

Asphalt Plant
448 Hamilton Ave.
Brooklyn, N.Y.
788-4576

RE: FIRE DEPARTMENT PLAN #201-80B P&T FILE #800184

SIR:

Inspectors of this department report that the following items must be complied with before a permit may be issued to you.

- [1] Provide ~~2 - 2~~ 1/2" 150 psi rated steel angle control valves at Foam Hydrant Station. [Chapter 19-11.0 Adm. Code].
- [2] Provide steel fixed foam deflectors at all foam outlets servicing both the asphalt and fuel oil tanks. Deflectors are to be fabricated of a min. of 3/16" steel plate and sized to direct all foam into dykes. [Chapter 19-11.0 Adm. Code].
- [3] Provide transparent foam tank sight gauge tube. [Chapter 19-11.0 Adm. Code].
- [4] Provide telegraphic communication with Fire Department Headquarters. [Chapter 19-11.0 Adm. Code & Chapter 19-50.0 Adm. Code].
- [5] Provide an A.E.M.E. approval affidavit for the pressurized foam tank or arrange for a hydrostatic test of the foam tank at 2 times the operating pressure [Chapter 19-11.0 Adm. Code].

- NOTES:**
- [1] Amend P&T APPL.#800184 to include changes as per item's 1 & 2 of this order.
 - [2] This order is being issued in addition and in conjunction with order #81-1706 item #9 and order #81-1393 item #6 that still remain as not being complied with as per our records.

FRANK GARAFALO

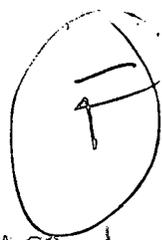
JOSEPH E. SPINNAFO
FIRE COMMISSIONER

JES:HS:mrs

~~REPRODUCTION OF THIS DOCUMENT IS PROHIBITED WITHOUT THE WRITTEN PERMISSION OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK~~

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201
1-718-403-1261



87 0675 JL29 1

FOLDER NO.

Refer to

ACCOUNT NO. **08015364**

Order No. _____

COMPANY NO. **L122 Batt 48**

DATE ISSUED _____

DISTRICT NO. **10 DIV. 10 ELECTRICAL ORDER D.O. #34**

Occupancy for which this ORDER is issued.

N.Y.C. Department of Transportation
40 Worth St.
New York, N.Y. 10013

448 Hamilton Ave.
Brooklyn, N.Y. 11232

RE: HEAT DETECTION/FOAM EXTINGUISHING SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

COMPLIANCE IS HEREBY REQUESTED WITH THE FOLLOWING RECOMMENDATIONS:

Handwritten notes:
5/18/87
AIR
NEW
2
3
4
5
6
7
8
9
10

1. Provide and install explosion proof motors THROUGHOUT.
2. Provide missing junction box covers in electric service rm.
3. Replace ALL broken conduits around asphalt storage tanks.
4. Provide an approved manual sending station in a approved weatherproof outdoor enclosure, outside dispatchers office.
5. Provide 2nd phone line for digital central office transmitter.
6. Provide power indication for above transmitter.
7. Replace vibrating alarm bell with approved horn.
8. Place heat detection system in proper working order for automatic operation.

Handwritten notes:
AIR PRESSURE, APPROX Pressure & ELECT SOLENOID
ELECTRICAL ORDER PLEASE RETURN TO DEPT 11

27-4265 Admn. Code.

Signature: Joseph E. Spinnato

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JOSEPH E. SPINNATO
FIRE COMMISSIONER

AS:mrs

~~Notice of refusal to comply with the above ORDER renders you liable and subject to prosecution under the law.~~



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

BATTALION _____

14th ST
HAMILTON PLACE

D.O. 32

VIOLATION ORDER

D 264311

To 416 HAMILTON AVE BKLYN ADDRESS COMMERCIAL
NEW YORK CITY DEPT OF TRANS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
05430723 ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
	1	REPAIR ONE FILL BOX FOR 1/230 GAL GASOLINE TANK
	2	REPAIR STICK BOXES FOR 3/1100 DIESEL FUEL TANKS
	3	REPAIR LEAKS ON DIESEL PUMPS TOTAL (4)
	4	ABOVE WORK SHALL BE PERFORMED BY A LICENSED N.Y.C. FIRE DEPT CONTRACTOR
	5	ARRANGE TO PERFORM A 10 PSI AIR PRESS TEST ON 4/1000 GAL DIESEL FUEL AND 3/530 GAL GASOLINE TANK.
	6	ALL TESTING SHALL BE PERFORMED BY A LICENSED N.Y.C. FIRE DEPT CONTRACTOR AND WITNESSED BY AN INSPECTOR FROM THE FIRE DEPT

If this order has not been complied with in, 15 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR NUMBERING | TO 24 FOR DISMISSAL

Charles M. Fionna
Fire Commissioner

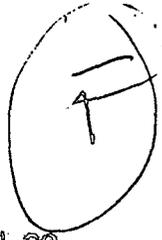
This is to certify that I have made an inspection of said premises and have issued the above order to:

JAMES CAMPBELL ASST MECH ENR 718-793 9260
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
A TEVENMAN 12/4/90 BUKIED TANK
INSPECTOR DATE UNIT

Unit Address 14th St Unit Telephone 718-793-1312

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201
1-718-403-1261



87 0675 JL 29

FOLDER NO.

ACCOUNT NO. **08015364**

Refer to

Order No. _____

COMPANY NO. **L122 Batt 48**

DATE ISSUED _____

DISTRICT NO. **10 DIV. 10 ELECTRICAL ORDER D.O. #34**

Occupancy for which this ORDER is issued.

N.Y.C. Department of Transportation
40 Worth St.
New York, N.Y. 10013

448 Hamilton Ave.
Brooklyn, N.Y. 11232

RE: HEAT DETECTION/FOAM EXTINGUISHING SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

COMPLIANCE IS HEREBY REQUESTED WITH THE FOLLOWING RECOMMENDATIONS:

Handwritten notes:
AIR
NEW
SIR
C

Handwritten notes:
AIR PRESSURE, MOTOR, Pressure & Electric SOLENOID

**ELECTRICAL ORDER
PLEASE RETURN
FORMS TO DESK**

Handwritten notes:
448 Hamilton Ave
John Doe
John Doe

1. Provide and install explosion proof motors THROUGHOUT.
2. Provide missing junction box covers in electric service rm.
3. Replace ALL broken conduits around asphalt storage tanks.
4. Provide an approved manual sending station in a approved weatherproof outdoor enclosure, outside dispatchers office.
5. Provide 2nd phone line for digital central office transmitter.
6. Provide power indication for above transmitter.
7. Replace vibrating alarm bell with approved horn.
8. Place heat detection system in proper working order for automatic operation.

27-4265 Admn. Code.

Signature: Joseph E. Spinnato

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JOSEPH E. SPINNATO
FIRE COMMISSIONER

AS:mrs

~~Not to be used for any other purpose than for the purpose of the above mentioned order.~~

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201

147

89 0456 JL17

FOLDER NO.08015364.....

ACCOUNT NO.

COMPANY NO.L-122 Batt. 48

DISTRICT NO. ...10...Div. 10. ELECTRICAL ORDER ~~334~~ D.O. #34 Occupancy for which this ORDER is issued.

Refer to

Order No. _____

DATE ISSUED _____

City of New York
Dept. of Highway
40 Worth St.
N.Y., N.Y. 10013

Asphalt Plant
448 Hamilton Ave
Bklyn, N.Y.

HEAT DETECTION/FOAM SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

- 1. Paint Heat Detection pull station Red and label as such in lamacoid, as follows "Foam system activation" and provide missing break glass.
- 2. Label fuse cutout for foam system in lamacoid.

Admn. Code 27-4265

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JFB/JQ/bc

Joseph F. Bruno

Joseph F. Bruno
Fire Commissioner

ELECTRICAL ORDER
PLEASE RETURN #0
COPIES TO DESK 14
BKS 2/1/89

448 Hamilton Ave

FIRE DEPARTMENT OF THE CITY OF NEW YORK

DIVISION OF FIRE PREVENTION
ROOM 1128 MUNICIPAL BUILDING
BROOKLYN, N.Y. 11201

Telephone: 642 ~~EXX~~ 403-1285

82 6794 NO23

FOLDER NO.

Refer to

ACCOUNT NO. **I 509193**

Order No. _____

COMPANY NO. **L-122 Batt. 48**

DATE ISSUED _____

DISTRICT NO. **26**

Occupancy for which this ORDER is issued.

City of New York
Department of Highways
40 Worth St.
New York, N.Y. 10013

Asphalt Plant
448 Hamilton Ave.
Brooklyn, N.Y.
788-4516

RE: FIRE DEPARTMENT PLAN #201-80B P&T FILE #800184

SIR:

Inspectors of this department report that the following items must be complied with before a permit may be issued to you.

- [1] Provide 2 - 2 1/2" 150 psi rated steel angle control valves at Foam Hydrant Station. [Chapter 19-11.0 Adm. Code].
- [2] Provide steel fixed foam deflectors at all foam outlets servicing both the asphalt and fuel oil tanks. Deflectors are to be fabricated of a min. of 3/16" steel plate and sized to direct all foam into dykes. [Chapter 19-11.0 Adm. Code].
- [3] Provide transparent foam tank sight gauge tube. [Chapter 19-11.0 Adm. Code].
- [4] Provide telegraphic communication with Fire Department Headquarters. [Chapter 19-11.0 Adm. Code & Chapter 19-50.0 Adm. Code].
- [5] Provide an A.S.M.E. approval affidavit for the pressurized foam tank or arrange for a hydrostatic test of the foam tank at 2 times the operating pressure [Chapter 19-11.0 Adm. Code].

- NOTES: [1] Amend P&T APPL. #800184 to include changes as per item's 1 & 2 of this order.
- [2] This order is being issued in addition and in conjunction with order #81-1706 item #9 and order #81-1393 item #6 that still remain as not being complied with as per our records.

FRANK GARACALO

JOSEPH E. SPINNATO
FIRE COMMISSIONER

JES:NB:ms

~~Marked for destruction by the CRPFB on 08/01/01. All other copies destroyed.~~



**New York City
Department of Transportation**

Laura Chasin
Chief Administrative Officer/
Deputy Commissioner
40 Worth Street
New York, New York 10013

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Tom Siano
Asphalt Plant

FROM: Carole Chirgwin, Director
DOT Safety and Health *Carole*

SUBJECT: Fire Department Violation #10365087Y

DATE: May 3, 1996

Attached please find the recently issued New York City Fire Department (FDNY) fire safety violation #10365087Y for 426 Hamilton Avenue, Brooklyn, New York. The violations of Rules 1, and 8 should be remedied and the Certificate of Correction (on the back of the form) should be submitted to the FDNY once the asphalt plant construction is completed.

Please contact me at (212) 442-1963 if you want to discuss this violation, and send me a copy of all correspondence forwarded to the FDNY.

attachment

c: C/A/O L. Chasin, BBC J. Foulke, G. Lewis

Division of Administration

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK **NOTICE OF VIOLATION AND HEARING** **VIOLATION NO. 10365087 Y**



Fire Commissioner of the City of New York, Petitioner vs Respondent:
DEPARTMENT OF HIGHWAYS AND SEWERAGE

Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)

Street Number 126 Prefix _____ Street Name HAMILTON
Type _____ Suffix _____ Zip Code 11232 Boro Code 04 1=Man; 2=Bx; 3=St; 4=Bklyn; 5=Qns
AKA _____

Mailing Address (if different from premises address)

Street Number _____ Prefix _____ Street Name _____
Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=St; 4=Bklyn; 5=Qns; 6=Out of City
Add Info _____

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy).

The Certificate of Correction and all proof of compliance **MUST BE RECEIVED** by the Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 [TEL 718-694-2392] by close of business on 5/30/16. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 6/1/16 at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. *If you do not appear, you will be held in default and subject to maximum penalties.*

REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

- Rule 1 Buckets and/or Fire Extinguishers**
 Failed to provide _____ fire buckets filled with (sand/water) and/or _____ approved, operative fire extinguishers at _____ as required.
- Rule 2 Waste Receptacles**
 Failed to provide _____ approved receptacles for waste at _____ as required.
- Rule 3 No Permit**
 (Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
 (Sold/Stored/Used/Manufactured/Transported) _____ in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
 Failed to produce (permit/record) regarding _____ at _____ as required.
- Rule 6 Signs/Postings/Instructions**
 Failed to provide (Signs/Postings/Instructions) for _____ at _____ as required.
- Rule 7 Labels/Marks/Stamps**
 Failed to provide (Labels/Marks/Stamps) for _____ at _____ as required.
- Rule 8 Obstructions/Accumulations**
 Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ from _____ as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
 Failed to provide adequate (egress/aisle space/clearance) at _____ as required.
- Rule 10 Operating Contrary to C of O**
 Operated _____ contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
 Failed to maintain _____ in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
 Failed to properly (provide/maintain) _____ system or part thereof as required. Describe below.
- Rule 13 Fire Retardant Material**
 Failed to provide/maintain non-combustible material _____ at _____ or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
 Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ as required.
- Rule 15 Fireproof Partitions or Walls**
 Failed to (provide/maintain) fireproof partitions or walls at _____ as required.
- Rule 16 Ventilation**
 Failed to provide (approved vents/adequate ventilation) at _____ as required.
- Rule 17 Certificates of Fitness**
 Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for disposal material.
- Rule 18 Certificates of Approval/Qualification/License**
 Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ as required.
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
 Failed to provide for _____ from _____ as required.
- Rule 20 Test/Inspection**
 Failed to conduct required (equipment/system) (test/inspection) of _____ as required.
- Rule 21 Containers**
 Failed to provide approved containers for _____ as required.
- Rule 22 Tanks/Supports**
 Failed to (provide/maintain) approved tanks/supports for _____ as required.
- Rule 23 Storage**
 Failed to provide (vaults/cabinets/room/area) for the storage of _____ as required.
- Rule 24 Racks**
 Failed to provide appropriate racks at _____ as required.
- Rule 25 Electrical Equipment**
 Failed to (provide/protect/maintain) _____ electrical equipment as required.
- Rule 26 Approved Refrigeration/Heating Devices or Units**
 Failed to (provide/protect/maintain) (refrigeration/heating) devices as required.
- Rule 27 Approved Lighting Devices**
 Failed to (provide/protect/maintain) _____ lighting devices as required. Specify type of protection required: _____
- Rule 28 Exposed Flames or Sparks**
 (Unlawfully allowed/failed to protect) exposed flame or spark at _____ as required.
- Rule 29 Designated Areas**
 Failed to (provide/maintain) designated area/premises for _____ as required.
- Rule 30 Fire Safety in Office Buildings/Hotels/Motels**
 Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____
- Repeat Violation (§15-229)**
 Failed to correct Rule(s) _____ as previously cited on NOV # _____ (Respondent must appear at the hearing.)
- False Certification (§15-220.1)**
 Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
- Other Code Section/Rule** _____ Describe offense below.

Description of Violation: Rule 17. Hire a person who dispense material and obtain Certificate of Fitness for same.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above.
All statements made herein are affirmed under penalty of perjury. Date of Offense: 5/23/16 Time: 1:10 a.m./p.m.

Inspector's Tax Registry Number 293217
INSPECTOR'S SIGNATURE _____
PRINT NAME _____

CERTIFICATE OF CORRECTION

State of New York)
County of _____) SS:

I _____, being duly sworn, depose and say that I am the respondent cited in the Notice of Violation and that I admit the existence of the violation(s) described in the Notice of Violation.

Check one { I have corrected all said violations as ordered by the Commissioner
or
 I have only corrected Rule Number(s) _____ and will attend hearing on scheduled date.

(The respondent certifies that all violations have been corrected if no box is checked.)

I have attached legible copies of any and all bills, receipts and other proof of correction to this certification as required.

SIGNATURE

(Sign only before a notary)

TO BE COMPLETED BY NOTARY

County of _____ Registration Number _____ SEAL
Sworn to before me this _____ day of _____ 19____ Notary Number _____
Signature of Notary _____ Commission Expires _____

The Fire Commissioner reserves the right to reject any Certificate of Correction that is incomplete. False certification is punishable by a fine of not less than \$1,000 nor more than \$5,000 and/or up to 6 months imprisonment pursuant to Administration Code Section 15-220.1

CERTIFICATION INSTRUCTIONS

For first offenses:

1. ALL offenders must correct the violation(s) cited on the NOTICE OF VIOLATION.
2. All offenders must complete the Certificate of Correction above and have it notarized. *Do not* detach above certificate from this page.
3. Attach legible copies of any and all bills, receipts and/or other proof of compliance to this Certificate of Correction (see correction requirements on reverse of green copy) and submit them along with this Certificate.
4. Return the completed Certificate of Correction with all appropriate documentation attached to the **Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884** by the close of business on the date indicated on the NOTICE OF VIOLATION for return of the certificate. (See reverse side for return date)
5. Respondents will be notified by mail if their Certificate of Correction has been disapproved and of the appropriate action to take to correct same.
6. If it is impossible to correct any or all violations within the time indicated, you may be eligible for a stipulation extending the time to correct. A request for a stipulation extending compliance time must be made at the hearing and is subject to the approval of the Fire Department and the ECB.
7. If you properly certify that ALL violations have been corrected, you will be excused from appearing at the scheduled ECB hearing and no penalty will be imposed.
8. If you fail to comply with (7) above or if you are a repeat offender, you will be required to attend the ECB hearing designated on the NOV and bring any and all proof of correction to the hearing.

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- ★ Manhattan/Bronx: 1250 Broadway, 7th Fl. (212) 971-3600
- ★ Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305

- ★ Queens: 96-05 Horace Harding Expressway—Main Floor (718) 595-4584
- ★ Staten Island: 350 St. Marks Place, 4th Fl., St. George, SI (212) 971-3600

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 2 11249

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 694-2492

Name: Bureau of Highways (Asphalt Plant)
Address: 448 Hamilton Ave
City and State: Brooklyn, N.Y.
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>434</u>
Signature: <u>[Signature]</u>	
Name: <u>Judy Chapno</u>	
Date: <u>05-01-97</u>	Time: <u>10:30</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	05-01-97	10:10	10:30	20min	70.00	Reinspection of 40 dated 11-9-95 was done. 40 is not complied with. Facility is under construction.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$70.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	543 —occupancy: less than 75	\$ 310.
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour) ..	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) ..	\$ 210.	544 —occupancy: 75 or more	\$ 415.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) ..	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
Siamese connection inspection: —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
923 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	546 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
924 —per additional siamese connection (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS			
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	548 Sports arenas, stadiums (per hour) ..	\$ 210.
925 —actual hours at site (per hour) ..	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL			
928 Underground Piping (per hour) ..	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	549 —occupancy: less than 75	\$ 310.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	550 —occupancy: 75 to 149	\$ 415.
BURIED TANKS		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES			
025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system) ..	\$ 285.	Per magazine with electric alarm: —initial inspection (per hour) ..	\$ 210.	552 —occupancy: 150 to 499	\$ 520.
026 Discharge lines inspection (per site)	\$ 365.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	242 —subsequent inspection (per hour) ..	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
027 Dry chemical extinguishing system test—where installed (per system) ..	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	Per magazine without electric alarm: —initial inspection (per hour) ..	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank inspection (per site)	\$ 355.			243 —subsequent inspection (per hour) ..	\$ 210.	555 —occupancy: 2,500 or greater ..	\$ 830.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			THEATRICALS AND TELEVISION SPECIAL EFFECTS			
Review and inspection during the time of new tank installation:				654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.		
031 —with discharge lines	\$ 1,385.			REINSPECTIONS			
032 —without discharge lines	\$ 1,180.			999 All Reinspections (per hour)	\$ 210.		

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-910143-117-P

BATTALION _____

D.O. 34

D 79186

VIOLATION ORDER

To 448 Hamilton Avenue Brooklyn 801-L DEPT OF TRANSPORTATION
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
A11 ASPHALT PLANT 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Continued from 801 L # D 79185.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		HEAT DETECTION FOR FOAM SYSTEM.
	(3)	PROVIDE MISSING BREAKGLASS FOR THE CLASS 3 manual pull station AS PER CODE.
	(4)	PROVIDE/ARRANGE FOR AN INSPECTION/TEST OF THE ABOVE SYSTEM IN THE PRESENCE OF A MEMBER OF THIS DEPARTMENT BY SUBMITTING A WRITTEN REQUEST THEREOF (FORM B45.)
		Admitt CODE 274265 15127

If this order has not been complied with in, 0 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Howard S. Saffir
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Bill Slater Plant Mgr (718) 965-4169
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
Mark V. Remolino 11/9/95 Electrical
INSPECTOR DATE UNIT

Unit Address 250 Livingston St Bklyn Unit Telephone 718 694-2469



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
 BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-910143-117-P
 BATTALION _____
 D.O. 34
D 79185

VIOLATION ORDER

To 448 Hamilton Avenue, Brooklyn, Dept of Transportation
ADDRESS ASPHALT PLANT NAME OF OWNER, LEASEE, OCCUPANT, ETC.
ROOM NO. OR FLOOR All TYPE OF OCCUPANCY 08015364 ACCOUNT NO.

~~Continued on 801-L # 1079186~~ CONTINUED ON 801-L # 1079186

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		HEAT DETECTION FOR ROAM SYSTEM.
	①	REPAIR/REPLACE THE MANUAL PULL STATION IN THE CONTROL ROOM (NEW) AND MAKE OPERABLE AS PER CODE. (TO RING ALARM BELL & ANNUNCIATE ON CONTROL PANEL)
	②	PROVIDE/INSTALL A REMOTE ANNUNCIATOR WITH AUDIBLE/VISUAL ALARM & TROUBLE INDICATIONS IN THE NEW CONTROL ROOM (TEMPORARY) OR RELOCATE THE CONTROL PANEL ENTIRELY AND MAKE OPERABLE AS PER CODE.
		Admin Code 27 4265 & 15127

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
 TO 24 FOR DISMISSAL

Howard S. S. [Signature]
 Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Bill Slater Plant Mgr (718) 965-4169
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
Mark V. Remolick 11/9/95 Electrical
INSPECTOR DATE UNIT

Unit Address 250 Livingston St Brooklyn Unit Telephone (718) 694-2469

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 N^o4 15759

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 694-2492

Account
Name: Department of Transportation
Address: 448 Hamilton Avenue
City and State: Brooklyn, NY 11232
Authorized Signature: [Signature]
Account/Folder No.: 08015367

INSPECTOR	Badge No.: <u>457</u>
Signature: <u>[Signature]</u>	
Name: <u>Mark V. Remolino</u>	
Date: <u>11/9/95</u>	Time: <u>3 Hrs</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>11/9/95</u>	<u>9:00</u>	<u>12:00</u>	<u>3 Hrs</u>	<u>630.00</u>	<u>HEAT DETECTION FOR FOAM SYSTEM.</u>

Total Due: 630.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour)	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	548 Sports arenas, stadiums (per hour) Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
928 Underground Piping (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		549 —occupancy: less than 75	\$ 310.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	550 —occupancy: 75 to 149	\$ 415.
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	552 —occupancy: 150 to 499	\$ 520.
025 Site inspection	\$ 105.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		553 —occupancy: 500 to 999	\$ 625.
026 Discharge lines inspection (per site)	\$ 365.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
028 Tank inspection (per site)	\$ 355.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	REINSPECTIONS		551 —open flame permit	\$ 210.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			Per magazine with electric alarm:		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
Review and inspection during the time of new tank installation:				244 —initial inspection (per hour)	\$ 210.	654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
031 —with discharge lines	\$ 1,385.			243 —subsequent inspection (per hour)	\$ 210.		
032 —without discharge lines	\$ 1,180.			Per magazine without electric alarm:			
				244 —initial inspection (per hour)	\$ 210.		
				245 —subsequent inspection (per hour)	\$ 210.		

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 N°4 15759

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 694-2492

Account
Name: Department of Transportation
Address: 448 Hamilton Avenue
City and State: Brooklyn, NY 11232
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR	Badge No. <u>457</u>
Signature: <u>[Signature]</u>	
Name: <u>Mark V. Remolino</u>	
(PLEASE PRINT)	
Date: <u>11/9/95</u>	Time: <u>3 HRS</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
979	11/9/95	9:00	12:00	3 HRS	630.00	HEAT DETECTION FOR FOAM SYSTEM.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: 630.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
920	Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage) \$ 70.	241	To store and sell blasting caps (per hour) \$ 210.	865	Rangehood System—Electrical—Annual Inspection \$ 70.	543	—occupancy: less than 75 \$ 310.
921	Site inspection—per equivalent unit \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) \$ 210.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Fire protection system inspection (per hour) \$ 210.	FIRE ALARM SYSTEMS		861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	Siamese connection inspection: —per additional siamese connection (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	Major construction at bulk storage sites, including fire protection systems (per project):	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	FIREWORKS		548	Sports arenas, stadiums (per hour) \$ 210.
928	—actual hours at site (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
929	Underground Piping (per hour) \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		550	—occupancy: 75 to 149 \$ 415.
	Pressure Tests Tanks/Piping (per hour) \$ 210.	560	To use spray booths \$ 310.	890	Site inspection \$ 570.	552	—occupancy: 150 to 499 \$ 520.
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	553	—occupancy: 500 to 999 \$ 625.
025	Site inspection \$ 105.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	MAGAZINES		554	—occupancy: 1,000 to 2,499 \$ 725.
026	Discharge lines inspection (per site) \$ 365.	858	Rangehood Systems—Mechanical—Initial installation (per system) \$ 285.	242	Per magazine with electric alarm: —initial inspection (per hour) \$ 210.	555	—occupancy: 2,500 or greater \$ 830.
027	Dry chemical extinguishing system test—where installed (per system) \$ 750.	864	Rangehood System—Mechanical—Annual Inspection \$ 70.	243	—subsequent inspection (per hour) \$ 210.	551	—open flame permit \$ 210.
028	Tank inspection (per site) \$ 355.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	Per magazine without electric alarm: —initial inspection (per hour) \$ 210.		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
029	Reopen, modification or inspection of repaired tanks \$ 320.			244	—subsequent inspection (per hour) \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
031	Review and inspection during the time of new tank installation: —with discharge lines \$ 1,385.			245	—subsequent inspection (per hour) \$ 210.	REINSPECTIONS	
032	—without discharge lines \$ 1,180.					999	All Reinspections (per hour) \$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

DATE 12-8-94 ACCT. NO. 08015364
THIS DOCUMENT MUST BE ATTACHED TO FIRE
DEPARTMENT OPERATING PERMIT
EXP. MONTH 3 YEAR 95
EXAMINER A. A. A.
N.Y.F.D. BULK OIL SECTION
BUREAU OF FIRE PREVENTION

THE ISSUANCE OF THIS TANK LIST SHALL NOT BE CONSTRUED TO MEAN THAT A FIRE DEPARTMENT OPERATING PERMIT HAS BEEN ISSUED AND THAT ALL VIOLATION ORDERS HAVE BEEN COMPLIED WITH FOR THIS FACILITY.

Any reply refer to-
Bulk Oil Storage Unit
Room #518, Tele.# 718-694-2554
F.D. Acct.# 08015364

New York City Dept. of Transportation
Brooklyn Asphalt Facility
448 Hamilton Avenue
Brooklyn, NY 11232

BULK OIL STORAGE PLANT TANK LIST

<u>TANK #</u>	<u>TYPE OF TANK</u>	<u>PRODUCT</u>	<u>SHELL CAPACITY</u>
1 & 3	Above Ground compartment tank (2 comp. 15,000 gallons each)	Asphalt	30,000 Gallons
2	Above Ground	Asphalt	30,000 Gallons
5	Above Ground	#2 Oil	10,000 Gallons
-	Mounted on Tank #1 & 2	Hot Oil Heating System for Asphalt	2 25 Gallon Tanks

NOTE: #4 is omitted from the numbering system.

- 1) If any additional storage tanks are to be utilized or if there is any change in product storage, Fire Department approval must be obtained before any change is made.
- 2) When tanks are taken out of service for cleaning, written Fire Department notification is required.
- 3) Whenever routine correspondence is forwarded to this Department, include your Fire Department account number and forward to the Bulk Oil Storage Unit.
- 4) Person with Bulk Oil Certificate of Fitness to be on premises at all times to supervise the plant, while in operation, when any repair work is being performed and automatic Fire Protection System is not in automatic mode.

REV. 9/94

AP/NJS/fh

Rev. 12/94 fh

M25-32 102-942244-09-113



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

DATE 12-8-94 ACCT. #
 THIS DOCUMENT MUST BE AT
 DEPARTMENT OPERATING P
 EXP. MONTH 3
 EXAMINER Adolf
 N.Y.F.D. BULK OIL SECTION
 BUREAU OF FIRE PREVENTI

THE ISSUANCE OF THIS TANK LIST SHALL NOT BE CONSTRUED TO MEAN THAT A FIRE DEPARTMENT OPERATING PERMIT HAS BEEN ISSUED AND THAT ALL VIOLATION ORDERS HAVE BEEN COMPLIED WITH FOR THIS FACILITY.

Any reply refer to-
 Bulk Oil Storage Unit
 Room #518, Tele.# 718-694-2554
 F.D. Acct.# 08015364

New York City Dept. of Transportation
 Brooklyn Asphalt Facility
 448 Hamilton Avenue
 Brooklyn, NY 11232

BULK OIL STORAGE PLANT TANK LIST

<u>TANK #</u>	<u>TYPE OF TANK</u>	<u>PRODUCT</u>	<u>SHELL CAPACITY</u>
<i>Empty</i> 1 & 3	Above Ground compartment tank (2 comp. 15,000 gallons each)	Asphalt	30,000 Gallons
<i>OUT</i> 2	Above Ground	Asphalt	30,000 Gallons
<i>3000</i> 5 <i>Yellow</i>	Above Ground	#2 Oil	10,000 Gallons
<i>OUT</i> -	Mounted on Tank #1 & 2	Hot Oil Heating System for Asphalt	2 250 Gallon Tanks

NOTE: #4 is omitted from the numbering system.

- 1) If any additional storage tanks are to be utilized or if there is any change in product storage, Fire Department approval must be obtained before any change is made.
- 2) When tanks are taken out of service for cleaning, written Fire Department notification is required.
- 3) Whenever routine correspondence is forwarded to this Department, include your Fire Department account number and forward to the Bulk Oil Storage Unit.
- 4) Person with Bulk Oil Certificate of Fitness to be on premises at all times to supervise the plant, while in operation, when any repair work is being performed and automatic Fire Protection System is not in automatic mode.



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

January 20, 1995

B.S. #940059
F.D. Plan #112-94B
F.P. Index No. I-098-94, K-007-94

NYC Department of Business Services
110 William Street
New York, NY 10038

Re: 488 Hamilton Avenue, Brooklyn

Gentlemen:

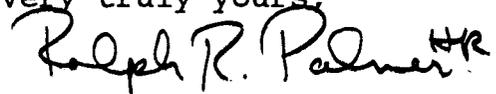
Papers transmitted to this Department on behalf of the NYC Department of General Services relative to the installation of a sprinkler system at the above referenced premises have been duly considered. The carbon dioxide fire suppression systems indicated on the three motor fuel dispenser islands is not part of this application and will require a separate plan filing through the Department of Business Service for review and approval.

Please be advised that the proposed installation will be acceptable upon the following conditions:

1. Subject to a Fire Department representative inspection and tests of the installations to verify compliance with:
 - a) Applicable sections of the NYC Code and Rules etc.
 - b) Approved plans
 - c) Tests in accordance with Sections 27-951 and 27-967 of the NYC Buildings Code being satisfactorily performed.
2. Final approval subject to inspection.

3. Systems shall be tested and made free of all defects prior to request for inspection.

Very truly yours,



Ralph R. Palmer
Chief of Fire Prevention

RRP:JH:JPM:11

c: NYC Department of General Services
#1 Centre Street
New York, NY 10007

NYC Department of General Services
488 Hamilton Avenue
Brooklyn, NY 11209

Mr. Chester Vogel, P.E.
c/o David Smotrich & Partners
227 East 45 Street
New York, NY 10017



**New York City
Department of Transportation**

Janette Sadik-Khan, Commissioner

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Web: www.nyc.gov/dot

MEMORANDUM

TO: Deputy Commissioners
FROM: Marlene Hochstadt *Marlene Hochstadt*
Assistant Commissioner
SUBJECT: Certificates of Fitness / Fee Waivers
Date: July 18, 2007

2007 JUL 23 PM 1:51
RRM ADMIN

DOT employees may perform assignments for which they are required to possess one or more FDNY Certificates of Fitness (COF). Typical tasks performed that would require a COF include working with equipment that uses compressed oxygen, propane and acetylene tanks, and stationary and mobile compressors. It is important that all personnel, if applicable, obtain the appropriate COF and maintain certification. Most COFs holders must be recertified every 3 years.

For examination and certification by the FDNY, employees should visit the FDNY exam room Monday through Friday, 9:00 AM - 2:00 PM. Employees must bring their employee identification cards and a letter on Agency letterhead from their supervisor stating the need for certification and the request for fee waiver. Attached is a form letter that should be used for DOT employees.

The FDNY exam room is located at 9 Metrotech Center, Brooklyn, NY (Downtown Brooklyn). Study material is available on the web at

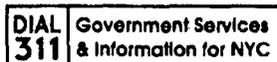
http://www.nyc.gov/html/fdny/html/c_of_f/cof_study_materials.shtml

or onsite for review prior to examination. Managers can contact the exam room at (718) 999-2000 for more information.

To renew a COF, employees must take their current COF, their employee identification card and the fee waiver request letter to the above address.

If you have any questions about this issue or would like copies of the study material in advance, please call the Occupational Safety & Health Office at (212) 442-1965. Please note that a copy of all letters should be faxed to that office at the number on the form. Thank you in advance for your cooperation.

c: FDC L. Ardito, P Breglio, J. Massey, Personnel Coordinators, Safety Coordinators





**New York City
Department of Transportation**

Janette Sadik-Khan, Commissioner

Human Resources
40 Worth Street, Room 802
New York, New York 10013
Tel: 212/442-7400
Fax: 212/676-9585

Web: www.nyc.gov/dot

FDNY Certification
9 Metrotech Center
Brooklyn, NY

Re: Certificate of Fitness (COF) Fee Waiver Request for:

(DOT Employee Name)

To whom it may concern:

Please be advised that the above named employee of the New York City Department of Transportation performs the following duties:

Performing these duties requires him/her to possess the following Certificate(s) of Fitness:

Accordingly, as the above named individual is an employee of the City of New York and requires the Certificate(s) of Fitness (first time application or renewal) listed above to perform his/her job, we respectfully request that FDNY waive the \$25.00 application fee. The above named employee will present their NYC Department of Transportation ID card as proof of City employment and expiring COF if this if for a renewal.

Thank you for your assistance in this matter.

Very truly yours,

Supervisor of Employee needing COF (s)

PRINT NAME

SIGNATURE

TELEPHONE #

c: DOT Occupational Safety & Health Office (fax (212) 442-9208)





MEMORANDUM

TO: Whom It May Concern

FROM: David Sterman
Hamilton Asphalt Plant
Department of Transportation

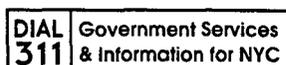
DATE: May 7, 2007

RE: Fire Department Certificate of Fitness

I am pleased to recommend Michael Funez to apply for a P – 15 Certificate of Fitness for Handling Motor Fuel – Gas Station. He works for the Department of Transportation, headquarters at 40 Worth St., New York, NY 10013. Applicant is of Good Character and is physically able to perform the functions required by the holder of the Certificate of Fitness.

David Sterman
Asphalt Operations

FD-Funez.doc





FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

Date: 03/31/05

Department of Transportation
448 Hamilton Avenue
Brooklyn, NY 11232
Attn: Bill Slater-Plant Mgr.

Re: Bulk Oil Storage Plant – F.D. Acct.# 08015364
Notice for 2-year test of fire protection systems (3RCNY7-01)

Location: 448 Hamilton Avenue, Brooklyn, NY - **Test due: May 2005**

Fire Department records indicate approximately (2) two years passed since the fire protection systems have been tested. You are hereby directed to arrange for the following test within (30) thirty days from the date of this letter in order to avoid the issuance of a Fire Department violation order.

The test of your fire extinguishing system shall be scheduled by contacting this office at the number noted below. A representative of this Department must witness tests. If a foamite extinguishing system is used, an actual demonstration must show the system capable of delivering the proper amount of foam to the tank most remote from the source of supply. The remaining tanks shall be tested with a flow of water, not foam. If a CO2 system, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. Piping shall be tested with a discharge of nitrogen into the storage tanks. If steam is used, lines shall be tested with a discharge of same into all storage tanks.

- Note: 1. Weighing scale to be provided by operator of bulk oil plant.*
2. All equipment such as yard hydrants, water sprays at loading racks, monitor nozzles, and tank overflow protection systems, are required to be tested in addition to the tank fire extinguishing system.
3. Test to be performed by a Bulk Oil FDNY Certificate of Fitness holder.

Very truly yours,

M. Ahsan
M. Ahsan
Deputy Chief Inspector-in Charge
Bulk Fuel Safety Unit
Room #3E-79K, (718) 999-2461

MA:ap
Bfsu 2yr test ltr.doc



FIRE DEPARTMENT

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

Date: 8/16/05

Department of Transportation
488 Hamilton Avenue
Brooklyn, NY 11232
Attn: Tom Siano

Re: Confirmation of 2-year test appointment

Location: 488 Hamilton Avenue
Brooklyn, NY
F.D. Acct.# 08015364

Dear Sir:

We have arranged to witness a test of the fire extinguishing systems at the above location on:

Date: Wednesday - 10/15/05
Time: 0900 hrs. (Fire Prevention Inspectors)
1000 hrs. (Fire Dept Field Units)

1. Arrangements shall be made to limit the amount of time the fire protection system is taken out of service for testing. No product shall be removed via truck loading racks or by any other loading facility, or accepted by either barge or pipeline deliveries.
2. In order to confirm that the electrical portion of the 2-year tests will be conducted on this date(s), contact the Bureau of Fire Prevention, Fire Alarm Unit, at 718-999-2469.

Very truly yours,

M. Ahsan
M. Ahsan
Deputy Chief Inspector-in-Charge
Bulk Fuel Safety Unit
Room #3E-79-K, (718) 999-2461

MA:ap

MA:ap

Bfsu 2yr test conf.doc



New York City
Department of Transportation

Hamilton Asphalt Plant
448 Hamilton Ave.
Brooklyn, New York 11232

Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

FAX TRANSMITTAL SHEET

To: Galileo Delgado Fax #: _____

From: ~~Anthony Bordonca~~ Tom Scavia

Sender's phone #: 718-369-4246 Fax #: 718-369-4211

Pages including this cover: 2 Date: _____

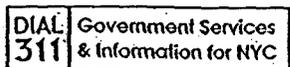
ACTION TO BE TAKEN:

- URGENT/IMMEDIATE ATTENTION
- AWAITING YOUR COMMENTS
- PER YOUR REQUEST
- FOR YOUR INFORMATION
- PLEASE CALL UPON RECEIPT

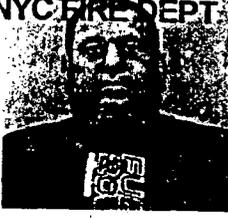
Comments: _____

Operator: _____

This facsimile transmission may contain confidential or privileged information which is intended only for use by the individual or entity to which the transmission is addressed. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, copying or distribution of this transmission is strictly prohibited. If you have received this transmission in error, please notify us by telephone immediately. Thank you.



CERTIFICATE ISSUED BY NYC FIRE DEPT
CARD # 99132208 R
ISSUE DATE 7/15/03
NAME SANTAPAOLA JOSEPH L
ADDR. 51 3 STREET #3R
BROOKLYN NY 11231
Fee \$ 0 **SIGNATURE** *Joseph L Santapaola*
CAT. TYPE DESCRIPTION **CERT.# EXPIRE**
P15 Fitness HANDLE MOTOR FUEL,GAS STATION 80377617 07/25/06
WORK ADDRESS
448 HAMILTON AVE BROOKLYN NY 11217
THIS PERSON IS NOT A FDNY EMPLOYEE



CERTIFICATE ISSUED BY NYC FIRE DEPT
CERT.# 82027236 N
ISSUED 07/27/2005 EXPIRES 07/26/2008
NAME ANTHONY BORDENCA **NOT**
HOME 160-70 27TH AVE **FDNY**
ADDR. QUEENS, NY 11356 **EMPLOYEE**
FEE \$ 0 **CAT. P15 TYPE Fitness**
DESC. HANDLE MOTOR FUEL,GAS STATION
EMPLOYER NYC DOT - NYC DOT
WORK 448 HAMILTON AVE
LOCATION BROOKLYN, NY 11232



A Bordenca

CERTIFICATE ISSUED BY NYC FIRE DEPT
CERT.# 80166770 R
ISSUED 07/27/2005 EXPIRES 07/19/2008
NAME ANTHONY BORDENCA **NOT**
HOME 160-70 27TH AVE **FDNY**
ADDR. QUEENS, NY 11356 **EMPLOYEE**
FEE \$ 0 **CAT. P12 TYPE Fitness**
DESC. SUPERVISE BULK OIL PLANTS
EMPLOYER NYC DOT
WORK 448 HAMILTON AVE
LOCATION BROOKLYN, NY 11232



A Bordenca

CERTIFICATE ISSUED BY NYC FIRE DEPT

CARD # 99132208 R

ISSUE DATE 7/15/03

NAME SANTAPAOLA JOSEPH L

ADDR. 51 3 STREET #3R

BROOKLYN NY 11231



Fee \$ 0

SIGNATURE

Joseph L. Santapaola

CAT. TYPE DESCRIPTION CERT.# EXPIRE
P15 Fitness HANDLE MOTOR FUEL,GAS STATION 80377617 07/25/06

WORK ADDRESS

448 HAMILTON AVE BROOKLYN NY 11217

THIS PERSON IS NOT A FDNY EMPLOYEE

CERTIFICATE ISSUED BY NYC FIRE DEPT

CERT.# 82027236 N

ISSUED 07/27/2005 EXPIRES 07/26/2008

NAME ANTHONY BORDENCA

HOME 160-70 27TH AVE

ADDR. QUEENS, NY 11356

NOT

FDNY

EMPLOYEE

FEE \$ 0 CAT. P15 TYPE Fitness

DESC. HANDLE MOTOR FUEL,GAS STATION



A Bordenca

EMPLOYER NYC DOT - NYC DOT

WORK 448 HAMILTON AVE

LOCATION BROOKLYN, NY 11232

CERTIFICATE ISSUED BY NYC FIRE DEPT

CERT.# 80166770 R

ISSUED 07/27/2005 EXPIRES 07/19/2008

NAME ANTHONY BORDENCA

HOME 160-70 27TH AVE

ADDR. QUEENS, NY 11356

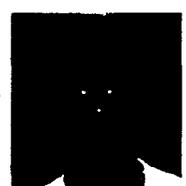
NOT

FDNY

EMPLOYEE

FEE \$ 0 CAT. P12 TYPE Fitness

DESC. SUPERVISE BULK OIL PLANTS



A Bordenca

EMPLOYER NYC DOT

WORK 448 HAMILTON AVE

LOCATION BROOKLYN, NY 11232

FIRE DEPARTMENT, CITY OF NEW YORK

BUREAU OF FIRE PREVENTION

ACCOUNT NUMBER	TYPE	AD	QTY	AD	DATE	REG	EX
22080360	08	R1	28	E809	09/18/02		09/03

PREMISES ADDRESS	ACCOUNT NAME
32-11 HARPER ST QUEENS, NY 11368	NYC DOT

ITEM CODE	SUB CODE	QTY	DESCRIPTION	FLOOR NO	FEE
926	01	1	TRNS OF FUEL OIL & CHEMICALS		
			DECAL#1350		

THIS AUTHORIZATION IS GRANTED BASED ON AN INSPECTION WHICH WAS PERFORMED PURSUANT TO THE RESEARCH AND SPECIAL PROJECTS ADMINISTRATORS DECISION, WHEREIN THE FIRE SAFETY DIRECTIVES AND REGULATIONS OF THE NEW YORK CITY FIRE DEPARTMENT WERE PREEMPTED BY THOSE OF THE UNITED STATES DEPARTMENT OF TRANSPORTATION.

PERMIT TYPE
1

- 1=REGULAR
- 2=SUPPLEMENTAL
- 3=DUPLICATE

NYC DOT
32-11 HARPER ST
QUEENS, NY 11368

** NO FEE ** \$1.00

646478

YRK# 79C CHS# 70130
MAKE FRGHLINER
PROD-TYP DIESEL

CAPACITY 4200

#CMP 6

Richard J. ...
FIRE COMMISSIONER

369-4211

P. 01

Aug 25 2005 15:45

Fax: 917185335706

FLEET SERVICE



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

Date: 03/31/05

Department of Transportation
448 Hamilton Avenue
Brooklyn, NY 11232
Attn: Bill Slater-Plant Mgr.

Re: Bulk Oil Storage Plant – F.D. Acct.# 08015364
Notice for 2-year test of fire protection systems (3RCNY7-01)

Location: 448 Hamilton Avenue, Brooklyn, NY - **Test due: May 2005**

Fire Department records indicate approximately (2) two years passed since the fire protection systems have been tested. You are hereby directed to arrange for the following test within (30) thirty days from the date of this letter in order to avoid the issuance of a Fire Department violation order.

The test of your fire extinguishing system shall be scheduled by contacting this office at the number noted below. A representative of this Department must witness tests. If a foamite extinguishing system is used, an actual demonstration must show the system capable of delivering the proper amount of foam to the tank most remote from the source of supply. The remaining tanks shall be tested with a flow of water, not foam. If a CO2 system, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. Piping shall be tested with a discharge of nitrogen into the storage tanks. If steam is used, lines shall be tested with a discharge of same into all storage tanks.

- Note:*
- 1. Weighing scale to be provided by operator of bulk oil plant.*
 - 2. All equipment such as yard hydrants, water sprays at loading racks, monitor nozzles, and tank overflow protection systems, are required to be tested in addition to the tank fire extinguishing system.*
 - 3. Test to be performed by a Bulk Oil FDNY Certificate of Fitness holder.*

Very truly yours,

M. Ahsan
M. Ahsan
Deputy Chief Inspector-in Charge
Bulk Fuel Safety Unit
Room #3E-79K, (718) 999-2461

DC 1/24

MA:ap
Bfsu 2yr test ltr.doc

Siano, Tom

From: Ashwinkumar Patel [patela@fdny.nyc.gov]
Sent: Tuesday, June 28, 2005 1:50 PM
To: Siano, Tom
Cc: Mohammed Ahsan
Subject: Re: Waiver of Hamilton Plant violations

Tom,
It is O.K to operate plant as requested by you. You need to comply with all violations & complete all testing by end of August 2005. (Note : At present there is no operating permit due to open violations.)

>>> "Siano, Tom" <tsiano@dot.nyc.gov> 6/28/05 1:42:43 PM >>>

Mr. Patel - As per our conversation today @ 1:00pm regarding an tempory waiver of the violation orders for the NYCDOT Hamilton Plant.

As you requested, I will contact you the week of 7-18-05 after you return from your leave. At that time we will set the date, as you stated, for sometime in August for a follow up inspection dealing with the violations issued and for the test required to renew our 2 year functionality permit (Fire Suppression System).

Thank you for your assistance in this matter, and
I
am awaiting your e-mail to confirm our conversation.

Thomas Siano

Confidentiality Notice:

This message may contain information that is confidential or privileged.

If you are not the intended recipient,
Please advise the sender immediately and delete this message.



CROSS STREETS

CITY OF NEW YORK

BATTALION

EAST 14TH ST

FIRE DEPARTMENT

D.O. 34

9 HAMILTON AVE.

VIOLATION ORDER

80LL

E 74724

To 448 HAMILTON AVE, BROOKLYN, NYC D.O.T.

ALL INDUSTRIAL ASPHALT PLANT 08 015364

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		HEAT DETECTION FOR FOAM RELEASE.
	1	REPAIR/REPLACE THE TWO HEAT DETECTORS WHOSE RATE OF RISE HEAT SENSING PROBES HAVE BEEN COVERED BY TAR AND ASPHALT AND ARRANGE TO KEEP THEM CLEAN AT ALL TIME.
	2	PAINT ALL CONDUIT/JUNCTION BOX/ENCLOSURE COVER ASSOCIATED WITH THIS SYSTEM WIRING FIRE DEPT RED
	3	LABEL THE HEAT DETECTION FOR FOAM RELEASE SYSTEM AS SUCH, AS PER CODE.
	4	PROVIDE BSA/MEA LABEL ON CONTROL PANEL.
	5	ARRANGE POWER FOR THIS SYSTEM TO BE TAPPED ON LINE SIDE OF MAIN SERVICE SWITCH PER CODE
	6	PROVIDE RISER DIAGRAM/OPERATING INSTRUCTION UNDER FRAMED GLASS BY THE CONTROL BOARD

HEAT DETECTION FOR FOAM RELEASE SIGN

JT

J.T

If this order has not been complied with in, X days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR NUMBERING

TO 24

FOR DISMISSAL

NICHOLAS SCOPETTA

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

ANTHONY BORDENCA PLANT MANAGER 718-369-4246

NAME OF PERSON WHO RECEIVED THIS ORDER

TITLE

PHONE #

T.S. MATTHEWS 7/21/2003

FIRE ALARM INSPECTIONS UNIT

INSPECTOR

DATE

UNIT

Unit Address 9 METROTECH CNTR BROOKLYN NY 11201 Unit Telephone 718-999-2469



CROSS STREETS
E-14TH STREET
HAMILTON AVENUE

CITY OF NEW YORK
FIRE DEPARTMENT
 BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-010143-117-P

BATTALION _____
 D.O. 34
 D 59317

~~VIOLATION ORDER~~
801-L

DOT

To 448 HAMILTON AVENUE, BROOKLYN
 ADDRESS
N/A ~~ASPHALT PLANT~~ ASPHALT PLANT NAME OF OWNER, LEASEE, OCCUPANT, ETC.
 ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.
NYC DOT 08015364

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

CONTINUED FROM D59316

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		<u>FIRE ALARM SYSTEM</u> ...
	3.	<u>PROVIDE RIGID THREADED CONDUIT FOR THW OR THWEN WIRES ENTERING AT FIRE ALARM PANEL.</u>
<u>A-39</u>	4.	<u>HAVE A LICENSED ELECTRICAL CONTRACTOR FILE WITH THE FIRE DEPARTMENT, BUREAU OF FIRE PREVENTION, USING FORM A-433 FOR REMOVAL OF ELECTRICAL ITEMS OF THE ORDER.</u>
		<u>27-4013 ADMN. CODE, TITLE 27-RS 17-3 ADMN. CODE</u>
	5.	<u>PROVIDE INSPECTION AND TEST OF ABOVE SYSTEMS COMPLETELY BY SUBMITTING FORM B-45 AS PER CODE.</u>
	6.	<u>AFFIX BSA OR MEA # TO FIRE ALARM PANEL.</u>
	7.	<u>LABEL FIRE ALARM PANEL AS SUCH.</u>
	8.	<u>SUBMIT FIRE ALARM RISER DIAGRAM AS PER CODE.</u>

ADMN. CODE 27-426), IAC FIRE CODE 27-106 FC.

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING | TO 24 FOR DISMISSAL

THOMAS VON EISEN

 Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

WILLIAM SLATER PLANT MANAGER 718-369-4245
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
VIVEK PATIL 4/17/00 FIRE ALARM INSPECTION UNIT
 INSPECTOR DATE UNIT

Unit Address 9 METROTECH CENTER Unit Telephone 718-999-2469
BROOKLYN NY 11201-3857



CROSS STREETS

CITY OF NEW YORK

A-10(D) (4/97) 72-910143-117-P

FIRE DEPARTMENT

BATTALION

Hamilton Ave

D.O. 26

E 85840

VIOLATION ORDER

To 448 Hamilton Ave, Brooklyn Dept. of Transportation
 ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC
 259 N. 11th St NYCD Dept. of Transportation 1008058664
 ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.
 25 N-1 12-1 50-11-10

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In the interest of public safety:
SP 1		Re-paint all pipings inside the foam house and/or color coded the same as per 3 RCNY 7-02.
SP 2		Relocate the operating instructions to front of foam tank and its accessories as required.
SP 3		Repaint the foam tank and provide a sign on the tank showing its capacity. 3 RCNY 7-02
SP 4		Provide a color code chart in the foam house as required. 3 RCNY 7-02.

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR-NUMBERING | TO 24 FOR DISMISSAL \$ 105.00
 Thomas V. Essen
 Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:
 Mr. Bill Slater Manager (618) 369-4244
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
 S. MATHEW/Frank C. 11-23-01 INSPECTOR DATE UNIT
 BFS4

Unit Address 9 Metrotech, Bklyn Unit Telephone (618) 999-2460



ELITE FIRE PROTECTION, INC.

July 12th, 2005

DOT/SAM-Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11232

Attn: Mr. Tom Siano

RE: Foam Fire Suppression System

Our Proposal No. 0507-7285

Dear Mr. Siano:

We are pleased to present our quotation for repairs to the above referenced system.

We estimate the following is required:

- Furnish & Install a new sight glass for the foam concentrate supply tank
- Provide operating instructions, piping color code chart, & tank capacity labeling
- Furnish Labor & Equipment to fill foam supply tank from on-site stock
- Perform preliminary test of foam system
- Provide for refill of tank upon completion of testing

We will be pleased to provide the indicated equipment and services for a cost of \$2,000.00.

We appreciate the opportunity of presenting this proposal. Further information may be obtained by calling the undersigned.

Very truly yours,

ELITE FIRE PROTECTION, INC.

Gregory T. Steeneck
Vice President



ELITE FIRE PROTECTION, INC.

STRIPING for PIPES.
Color Code chart

July 12th, 2005

DOT/SAM-Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11232

Attn: Mr. Tom Siano

RE: Foam Fire Suppression System

Our Proposal No. 0507-7285

Dear Mr. Siano:

We are pleased to present our quotation for repairs to the above referenced system

We estimate the following is required

- Furnish & Install a new sight glass for the foam concentrate supply tank
- Provide operating instructions piping color code chart, & tank capacity labeling
- Furnish Labor & Equipment to fill foam supply tank from on site stock
- Perform preliminary test of foam system
- Provide for refill of tank upon completion of testing

STRIP PIPE
OR TELL
US what to
do

We will be pleased to provide the indicated equipment and services for a cost of \$2,000.00.

We appreciate the opportunity of presenting this proposal. Further information may be obtained by calling the undersigned

Very truly yours,

ELITE FIRE PROTECTION, INC.

Gregory T. Steeneck

Gregory T. Steeneck
Vice President

THE CITY OF NEW YORK FINANCIAL MANAGEMENT SYSTEM		DATE PREPARED	NO/DY/YR	ACCTG PERIOD	NO/YR	CHECK ONE	ORDER ACTION			AGCY CD	ORDER NO.
PURCHASE ORDER		08/11/05				<input checked="" type="checkbox"/> NEW	<input type="checkbox"/> MODIFICATION	<input type="checkbox"/> CANCEL	841	00060775	
DATE APPROVED	NO/DY/YR	DATE SENT TO VENDOR	NO/DY/YR	DELIVERY DATE	NO/DY/YR	ORDER TYPE	<input type="checkbox"/> PC-REL ORDER	<input type="checkbox"/> PC-BLANKET ORDER	<input checked="" type="checkbox"/> PC-PURCH ORDER	<input type="checkbox"/> PC-IMP ORDER	
SA FORM ACECF 2000 (R08)		INSPECTION CALL 24 HOURS PRIOR TO DELIVERY				TERMS		PAGE 1 of 1			
GAYNE BENDOR INFORMATION		DELIVER TO INFORMATION				INVOICE TO INFORMATION					

ODE AME BLITE FIRE PROTECTION, INC ATTENTION: MICHAEL DRESS: 252 EASTERN PARKWAY ITY,STATE ZIP	0002041133-1 (516) 781-2266 FARMINGDALE NY 11735	AGENCY 2101- DOT/SAM-ASPHALT PLANT ADDRESS: 448 HAMILTON AVENUE CITY,STATE & ZIP BROOKLYN NY 11232 ATTENTION A. BORDENCA	RM.# TEL.# (718) 369-4246	AGENCY NYC DEPT. OF TRANSPORTATION ADDRESS 40 WORTH STREET - ROOM 1228 CITY,STATE & ZIP NEW YORK NY 10013 ATTENTION Accounts Payable	TEL.# (212) 642-7622
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FY	DETAIL FUND	DETAIL AGENCY	U/A	BUDGET CODE	DETAIL OBJECT	SUB. OBJ.	REPORTING CATEGORY	FUNCTION	ORG	SUB ORG	ACTIVITY
2006	001	841	012	2101	6080						

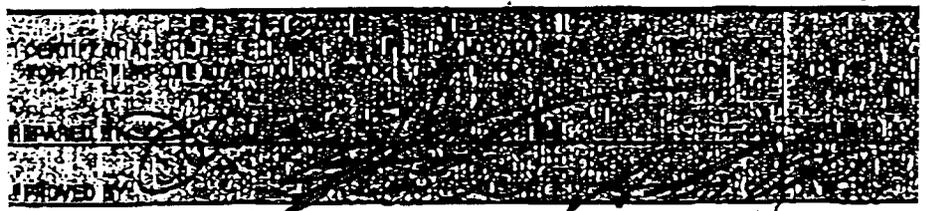
REFERENCE ACQUISITION	2101-6001820	LINE #	LINE AMOUNT \$	REFERENCE CODE	<input type="checkbox"/> INC	<input type="checkbox"/> DEC
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LN#	COMMODITY CODE	DESCRIPTION	QUANTITY	UNIT	\$ UNIT PRICE	\$ LINE AMOUNT
1	936-33	PURCHASE ORDER NOT TO EXCEED \$2,500.00 FOR MAINTENANCE & REPAIR OF FIRE SUPPRESSION FOAM SYSTEM IN PREPARATION OF NYFD SEMI-ANNUAL INSPECTION. INCLUDES ALL LABOR, MATERIAL & SUPERVISION REQUIRED LOCATION: NYCDOT BROOKLYN ASPHALT PLANT 448 HAMILTON AVENUE BROOKLYN, NY 11232 QUOTE VIA FAX: GREGG 7/12/05 SEE ATTACHED QUOTE	1.0	NTE	2500.00	2500.00

Site visit scheduled for

8/25/05 or possibly 8/19

REMARKS





CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 59845

VIOLATION ORDER

To 448 Hamilton Ave DOT Asphalt plant
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
4a industrial 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	Obtain from Fire Department Certificate of fitness (P-12, Supervise bulk oil plant) at least 3 (three) persons.
SP	2	Provide supervision bulk oil plant by certificate of fitness holder on duty for all business hours.
SP	3	dispose the liquid (mix water and foam concentrate from dikes. Remove all accumulation and trash from dikes, clean it up. 27-4053 B(16)(d) 3RCNY §7

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Nicholas Scoppetto
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Anthony Bordenca plant mgr (718) 369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

Yuly Chapko 06-01-04 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Medrotech Ctr Unit Telephone (718) 999-2461

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-7114

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §2740.29.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Name: DOT Asphalt plant
Address: 448 Hamilton Ave
City and State: Brooklyn, N.Y.
Authorized Signature: James Lund
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>434</u>
Signature: <u>July Chapo</u>	
Name: <u>July Chapo</u>	
Date: <u>06-01-04</u>	Time: <u>1:40</u>
Inspection Info. Only: (718) _____	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>06-01-04</u>	<u>1:00</u>	<u>1:30</u>	<u>1/2 hr</u>	<u>105.00</u>	<u>V.O. # E 85790</u> <u>it complied with</u> <u>and dismissed</u>
		:	:			<u>V.O. # E 85840</u> <u>it not complied</u> <u>with</u> <u>V.C.</u>

Total Due: \$105.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage =(1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$ 195.		Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
920	Site inspection—per equivalent unit \$ 70.		for tank capacity greater than 4000 gals . . . \$ 840.		for tank capacity greater than 4000 gals . . . \$ 385.	544	—occupancy: 75 or more \$ 415.
921	Fire protection system inspection (per hour) \$ 210.	EXPLOSIVES		861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	545	—Each additional theatre in a complex \$ 120.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—initial installation (per hour) \$ 210.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
924	—per additional siamese connection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
901	To refine or distill (per site) (per hour) \$ 210.	FIRE ALARM SYSTEMS				548	Sports arenas, stadiums (per hour) \$ 210.
	Major construction at bulk storage sites, including fire protection systems (per project):	870	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.	FIREWORKS			Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:
925	—actual hours at site (per hour) . . . \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	549	—occupancy: less than 75 \$ 310.
928	Underground Piping (per hour) . . . \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		550	—occupancy: 75 to 149 \$ 415.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	890	Site inspection \$ 570.	552	—occupancy: 150 to 499 \$ 520.
MOTOR FUEL SYSTEMS		884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	553	—occupancy: 500 to 999 \$ 625.
025	Site Inspection \$ 105.	560	To use spray booths \$ 310.	MAGAZINES		554	—occupancy: 1,000 to 2,499 \$ 725.
026	Discharge line test (per site) \$ 365.	FIRE SUPPRESSION SYSTEMS		242	—initial inspection (per hour) . . . \$ 210.	555	—occupancy: 2,500 or greater . . . \$ 830.
027	Fire suppression system test (per system) \$ 750.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	243	—subsequent inspection (per hour) . . . \$ 210.	551	—open flame permit \$ 210.
028	Tank test (per site) \$ 355.	859	Ranghood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.			THEATRICALS AND TELEVISION SPECIAL EFFECTS	
029	Tank reopening & repair \$ 320.			244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
030	Leak detection functionality test (per hour) \$ 210.			245	—subsequent inspection (per hour) . . . \$ 210.	REINSPECTIONS	
* Installation & alteration:						999	All Reinspections (per hour) \$ 210.
031	with discharge lines: for tank capacity of 4000 gals or less . . . \$ 980.					998	Special situations (per hour) \$ 210.
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals . . . \$ 1,210.						
	for each additional tank \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-7114

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §2740.29.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt plant
Address: 448 Hamilton Ave
City and State: Brooklyn, N.Y.
Authorized Signature: Thomas Leonard
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>434</u>
Signature: <u>July Chapus</u>	
Name: <u>July Chapus</u>	
Date: <u>06-01-04</u>	Time: <u>1:40</u>
Inspection Info. Only: (718) _____	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fees	Comments
<u>999</u>	<u>06-01-04</u>	<u>1:00</u>	<u>1:30</u>	<u>1/2 hr</u>	<u>105:00</u>	<u>V.O. # E 85-790</u> <u>it complied with</u> <u>and dismissed</u> <u>V.O. # E 85840</u> <u>it not complied</u> <u>with.</u> <u>V.C.</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$105.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.		for tank capacity 4000 gals or less . . . \$ 195.			543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.		each additional tank \$ 840.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	FIRE ALARM SYSTEMS				547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
	Major construction at bulk storage sites, including fire protection systems (per project):	870	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.			548	Sports arenas, stadiums (per hour) \$ 210.
925	—actual hours at site (per hour) . . . \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.				Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:
928	Underground Piping (per hour) . . . \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	549	—occupancy: less than 75 \$ 310.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.			550	—occupancy: 75 to 149 \$ 415.
MOTOR FUEL SYSTEMS		884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	FIREWORKS		552	—occupancy: 150 to 499 \$ 520.
025	Site Inspection \$ 105.	560	To use spray booths \$ 310.	890	Site inspection \$ 570.	553	—occupancy: 500 to 999 \$ 625.
026	Discharge line test (per site) \$ 365.	FIRE SUPPRESSION SYSTEMS		894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	554	—occupancy: 1,000 to 2,499 \$ 725.
027	Fire suppression system test (per system) \$ 750.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		555	—occupancy: 2,500 or greater . . . \$ 830.
028	Tank test (per site) \$ 355.	859	Ranghood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	551	—open flame permit \$ 210.
029	Tank reopening & repair \$ 320.			MAGAZINES		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
030	Leak detection functionality test (per hour) \$ 210.			242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
	Installation & alteration:			243	—subsequent inspection (per hour) \$ 210.	REINSPECTIONS	
031	with discharge lines:			244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	999	All Reinspections (per hour) . . . \$ 210.
	for tank capacity of 4000 gals or less \$ 980.			245	—subsequent inspection (per hour) \$ 210.	998	Special situations (per hour) \$ 210.
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals \$ 1,210.						
	for each additional tank \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

Date: June 27, 2003

Premises: Department of Transportation
448 Hamilton Avenue
Brooklyn, NY 11232
Attn: Tom Siano

Re: Confirmation of 2-year test appointment – F.D. Acct.# 08015364

Location: 448 Hamilton Avenue
Brooklyn, NY

Dear Sir:

We have arranged to witness a test of the fire extinguishing systems at the above location on:

Date: Monday, July 21, 2003

Time: 0900 Fire Prevention Inspectors
1000 Fire Department Field Units

1. Arrangements shall be made to limit the amount of time the fire protection system is taken out of service for testing. No product shall be removed via truck loading racks or by any other loading facility, or accepted by either barge or pipeline deliveries.
2. In order to confirm that the electrical portion of the 2-year tests will be conducted on this date(s), contact the Bureau of Fire Prevention, Fire Alarm Unit, at 718-999-2469.

Very truly yours,

Nyoma Sorokin

Nyoma Sorokin
Deputy Chief Inspector
Bulk Fuel Safety Unit
Room #3E-79-K, (718) 999-2461

AS

NS:ap

Bfsu 2yr test conf.doc



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

Date: March 5, 2003

- Premises: Dept. of Transportation
448 Hamilton Avenue
Brooklyn, NY 11232
Attn: Bill Slater, Plant Mgr.

Re: Bulk Oil Storage Plant - A/C # 08015364-
Notice for 2-year test of fire protection systems (3RCNY7-01)
Test due: 05/03

Fire Department records indicate approximately (2) two years passed since the fire protection systems have been tested. You are hereby directed to arrange for the following test within (30) thirty days from the date of this letter in order to avoid the issuance of a Fire Department violation order.

The test of your fire extinguishing system shall be scheduled by contacting this office at the number noted below. Tests must be witnessed by a representative of this Department. If a foamite extinguishing system is used, an actual demonstration must show the system capable of delivering the proper amount of foam to the tank most remote from the source of supply. The remaining tanks shall be tested with a flow of water, not foam. If a CO2 system, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. Piping shall be tested with a discharge of nitrogen into the storage tanks. If steam is used, lines shall be tested with a discharge of same into all storage tanks.

Note: 1. Weighing scale to be provided by operator of bulk oil plant.

2. All equipment such as yard hydrants, water sprays at loading racks, monitor nozzles, and tank overflow protection systems, are required to be tested in addition to the tank fire extinguishing system.

3. Test to be performed by a Bulk Oil FDNY Certificate of Fitness holder.

Very truly yours,

Nyoma Sorkin
Nyoma Sorkin
Deputy Chief Inspector
Bulk Fuel Safety Unit
Room #3E-79K, (718) 999-2461 *MS*

NS:ap
Bfsu 2yr test ltr.doc

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-3180

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Name: DOT Asphalt plant
 Address: 448 Hamilton Ave
 City and State: Brooklyn, N.Y.
 Authorized Signature: [Signature]
 Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
 9 MetroTech Center, Cashier's Office
 Brooklyn, N.Y. 11201-3857
 Payment Info Only: (718) 999-2496

INSPECTOR	Badge No. <u>434</u>
Signature: <u>[Signature]</u>	
Name: <u>July Chapito</u>	
(PLEASE PRINT)	
Date: <u>04-07-03</u>	Time: <u>12:30</u>
Inspection Info. Only: (718)	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	04-07-03	11:00	12:30	1 1/2 hrs	315.00	Ⓢ V.O. # E 80078 is complied with and dismissed
		:	:			Ⓢ V.O.'s # E 85840 and 85790 are N.C.W. spot check.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: **\$ 315.00**

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.		for tank capacity 4000 gals or less . . . \$ 195.		(includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	241	for tank capacity greater than 4000 gals each additional tank \$ 385.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	254	EXPLOSIVES	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	870	To store and sell blasting caps (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	874	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	FIREWORKS		547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	—actual hours at site (per hour) . . . \$ 210.	878	FIRE ALARM SYSTEMS	285	To discharge at displays—actual hours at site (per hour) \$ 210.	548	Sports arenas, stadiums (per hour) \$ 210.
928	Underground Piping (per hour) . . . \$ 210.	882	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.	HIGH RISE/HOTEL/MOTEL		549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	890	Site inspection \$ 570.	550	—occupancy: less than 75 \$ 310.
MOTOR FUEL SYSTEMS		878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	551	—occupancy: 75 to 149 \$ 415.
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026	Discharge line test (per site) \$ 365.	884	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	553	—occupancy: 500 to 999 \$ 625.
027	Fire suppression system test (per system) \$ 750.	851	FIRE SUPPRESSION SYSTEMS	243	—subsequent inspection (per hour) . . . \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
028	Tank test (per site) \$ 355.	859	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	555	—occupancy: 2,500 or greater . . . \$ 830.
029	Tank reopening & repair \$ 320.	560	Ranghood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	245	—subsequent inspection (per hour) . . . \$ 210.	551	—open flame permit \$ 210.
030	Leak detection functionality test (per hour) \$ 210.			THEATRICALS AND TELEVISION SPECIAL EFFECTS		654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
031	Installation & alteration: with discharge lines: for tank capacity of 4000 gals or less . . . \$ 980.			REINSPECTIONS		999	All Reinspections (per hour) \$ 210.
	each additional tank \$ 210.					998	Special situations (per hour) \$ 210.
	for tank capacity greater than 4000 gals for each additional tank \$ 420.						

*Per hour charge is per inspector.
 1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 80359

VIOLATION ORDER

To 440 Hamilton Ave DOT Asphalt plant
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
4a Industrial 08019364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In Interest of Public Safety
SP 1		Provide an inspection, maintenance and post the tags on all portable fire extinguishers located at processing area 3RCNY § 15
SP 2		Remove the rubbish and accumulation from dike at diesel and asphalt tanks 3RCNY § 7; T27-4053

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR-NUMBERING

TO 24
FOR DISMISSAL

Nicholas Scoppetto
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

David Sterman deputy plant mgr (718) 369-4244
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

July Chapko 04-07-03 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metrotech Ctr Unit Telephone (718) 999-2460



**FIRE DEPARTMENT CITY
OF NEW YORK**
9 METROTECH CENTER
BROOKLYN, N.Y. 11201

Date: Wednesday, August 28, 2002

To: Department Of Transportation
40 Worth Street Room 1020
New York, New York 10013
Attn: Mr. John Massey - Director Office of Safety & Health

Re: Inter-City Agreement

Violation Order: E85790

Premises: 448 Hamilton Ave Brooklyn, New York

Records of this Department indicate that the above violation order has been issued to your agency.

In the interest of public safety and by the direction of the Office of the Mayor, we ask your cooperation and prompt compliance with said violation order. (Copy attached)

If you have any questions regarding this matter, contact the Inter-City desk in the Public Building Unit at (718) 999-1623.

Very truly yours,

Stanley Dawe
Chief of Fire Prevention

Not.DOT.doc
SD rk



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION

D.O. 26

E 85790

VIOLATION ORDER

To 448 Hamilton Ave

DOT, Asphalt Plant

17a
ROOM NO. OR FLOOR

Industrial
TYPE OF OCCUPANCY

0801536Y
ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.

ITEM NO.

In Interest of Public Safety

SP	1	Refill foam concentrate tank of fire suppression system up to maximum of its capacity.
----	---	--

T 27-4052

3 RCH 7-02

Note: At the time of inspection three tanks were filled with foam concentrate approx. up to 3/4 of max. capacity. further info time 1:00 P.M.

If this order has not been complied with in ___ days of the issuance date. A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR NUMBERING

TO 24

FOR DISMISSAL

Thomas Von Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Toni Siano Director (718) 369-4244

Inspector DATE TITLE PHONE # UNIT

Judy Brown 05-21-01 Bulk Fuel Safety 1-718-1000-2661

Alvin L. ...



**FIRE DEPARTMENT CITY
OF NEW YORK**
9 METROTECH CENTER
BROOKLYN, N.Y. 11201

Date: Wednesday, August 28, 2002

To: Department Of Transportation
40 Worth Street Room 1020
New York, New York 10013
Attn: Mr. John Massey – Director Office of Safety & Health

Re: Inter-City Agreement

Violation Order: E80078

Premises: 448 Hamilton Ave Brooklyn, New York

Records of this Department indicate that the above violation order has been issued to your agency.

In the interest of public safety and by the direction of the Office of the Mayor, we ask your cooperation and prompt compliance with said violation order. (Copy attached)

If you have any questions regarding this matter, contact the Inter-City desk in the Public Building Unit at (718) 999-1623.

Very truly yours,

Stanley Dawe
Chief of Fire Prevention

Not.DOT.doc
SD rk



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION

D.O. 26

E 80078

VIOLATION ORDER

To 448 Hamilton Ave DOT Asphalt plant
 ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
 7th Industrial TYPE OF OCCUPANCY
 ROOM NO. OR FLOOR ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order.

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		In Interest of Public Safety
22	1	Provide portable fire extinguisher with min. rate 40 BC and place in an operating area
		3RCNY § 7
		3RCNY § 15

If this order has not been complied with in, 30 days of the issuance date. A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR NUMBERING

TO 24

FOR DISMISSAL

Nicholas Scapetto
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

John Stathos Manager (718) 369-4244
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
 Mike ... 04-19-02 Bulin Fuel Safety
 INSPECTOR DATE UNIT



**FIRE DEPARTMENT CITY
OF NEW YORK**
9 METROTECH CENTER
BROOKLYN, N.Y. 11201

Date: Wednesday, August 28, 2002

To: Department Of Transportation
40 Worth Street Room 1020
New York, New York 10013
Attn: Mr. John Massey – Director Office of Safety & Health

Re: Inter-City Agreement

Violation Order: E85840

Premises: 448 Hamilton Ave Brooklyn, New York

Records of this Department indicate that the above violation order has been issued to your agency.

In the interest of public safety and by the direction of the Office of the Mayor, we ask your cooperation and prompt compliance with said violation order. (Copy attached)

If you have any questions regarding this matter, contact the Inter-City desk in the Public Building Unit at (718) 999-1623.

Very truly yours,

Stanley Dawe
Chief of Fire Prevention

Not.DOT.doc
SD rk



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION

Hamilton Ave

D.O. 26
E 85840

VIOLATION ORDER

To 448 Hamilton Ave, Brooklyn Dept. of Transportation
ADDRESS
250A W 10th St ROOM NO. OR FLOOR
25
NYCD Dept. of Transportation NAME OF OWNER, LEASEE, OCCUPANT, ETC.
10080151664
1-1 TYPE OF OCCUPANCY 10-1 ACCOUNT NO. 50-PI-10

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In the interest of public safety:
	SP 1	Re-paint all pipings inside the foam house with color coded the same as per 3RCNY 7-02.
	SP 2	Relocate the operating instructions to front of foam tank and its accessories as required.
	SP 3	Repaint the foam tank and provide a sign on the tank showing its capacity. 3RCNY 7-02.
	SP 4	Provide a color code chart in the foam house as required. 3RCNY 7-02.

If this order has not been complied with in 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR NUMBERING

TO 24
FOR DISMISSAL

Thomas V. Essen.
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Mr. Bill Slater NAME OF PERSON WHO RECEIVED THIS ORDER Manager TITLE (618) 369-4244 PHONE #
S. MAHEU/Frank INSPECTOR 11-23-01 DATE BFSU UNIT

Unit Address 9 Metrotech, Bklyn Unit Telephone (518) 999-2460

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-2295

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn, N.Y.
Authorized Signature: Thomas J. Shand
Account/Folder No.: 08015346

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No. <u>434</u>
Signature: <u>July Chapko</u>	
Name: <u>July Chapko</u>	
Date: <u>08-12-02</u>	Time: <u>12:45</u>
Inspection Info. Only: (718) _____	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>08-12-02</u>	<u>11:45</u>	<u>12:45</u>	<u>1hr</u>	<u>210.00</u>	<u>V.O.'s # E85790; E-85840; and E-80078 were re-inspected and found not complied with.</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$210.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.		for tank capacity 4000 gals or less . . . \$ 195.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS		FIREWORKS		546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
	Major construction at bulk storage sites, including fire protection systems (per project):	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		548	Sports arenas, stadiums (per hour) \$ 210.
925	—actual hours at site (per hour) . . . \$ 210.	878	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	890	Site inspection \$ 570.	549	—occupancy: less than 75 \$ 310.
928	Underground Piping (per hour) . . . \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	550	—occupancy: 75 to 149 \$ 415.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	MAGAZINES		552	—occupancy: 150 to 499 \$ 520.
MOTOR FUEL SYSTEMS		888	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	242	—initial inspection (per hour) . . . \$ 210.	553	—occupancy: 500 to 999 \$ 625.
026	Site Inspection \$ 105.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	243	—subsequent inspection (per hour) \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
027	Discharge line test (per site) \$ 365.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	244	—initial inspection (per hour) . . . \$ 210.	555	—occupancy: 2,500 or greater . . . \$ 830.
028	Fire suppression system test (per system) \$ 750.	560	To use spray booths \$ 310.	245	—subsequent inspection (per hour) \$ 210.	551	—open flame permit \$ 210.
029	Tank test (per site) \$ 355.	FIRE SUPPRESSION SYSTEMS		THEATRICALS AND TELEVISION SPECIAL EFFECTS		654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
029	Tank reopening & repair \$ 320.					REINSPECTIONS	
030	Leak detection functionality test (per hour) \$ 210.					999	All Reinspections (per hour) \$ 210.
Installation & alteration:						998	Special situations (per hour) \$ 210.
031	with discharge lines: —for tank capacity of 4000 gals or less . . . \$ 980.						
	—each additional tank \$ 210.						
	—for tank capacity greater than 4000 gals . . \$ 1,210.						
	—for each additional tank \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER

No 22-2295

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §2740.29.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn, N.Y.
Authorized Signature: Thomas J. [Signature]
Account/Folder No.: 08015346

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR: <u>[Signature]</u>	Badge No.: <u>434</u>
Signature: <u>[Signature]</u>	Name: <u>July Chaparro</u>
Date: <u>08-12-02</u>	Time: <u>12:45</u>
Inspection Info. Only: (718)	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	08-12-02	11:45	12:45	1hr	210.00	V.O.'s # E85790; E-85840; and E-80078 were reinspected and found not complied with. Y.C.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: **\$210.00**

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines:	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less \$ 665.		Initial installation (per system)		Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:
920	Site inspection—per equivalent unit \$ 70.		each additional tank \$ 195.		(carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) \$ 210.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS		863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	FIREWORKS		547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
	Major construction at bulk storage sites, including fire protection systems (per project):	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	548	Sports arenas, stadiums (per hour) \$ 210.
925	—actual hours at site (per hour) \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL			Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:
928	Underground Piping (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	890	Site inspection \$ 570.	549	—occupancy: less than 75 \$ 310.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	550	—occupancy: 75 to 149 \$ 415.
MOTOR FUEL SYSTEMS		560	To use spray booths \$ 310.	MAGAZINES		552	—occupancy: 150 to 499 \$ 520.
025	Site Inspection \$ 105.	FIRE SUPPRESSION SYSTEMS			Per magazine with electric alarm:	553	—occupancy: 500 to 999 \$ 625.
026	Discharge line test (per site) \$ 365.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	242	—initial inspection (per hour) \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
027	Fire suppression system test (per system) \$ 750.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	243	—subsequent inspection (per hour) \$ 210.	555	—occupancy: 2,500 or greater \$ 830.
028	Tank test (per site) \$ 355.			244	Per magazine without electric alarm: —initial inspection (per hour) \$ 210.	551	—open flame permit \$ 210.
029	Tank reopening & repair \$ 320.			245	—subsequent inspection (per hour) \$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
030	Leak detection functionality test (per hour) \$ 210.					654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
031	Installation & alteration: with discharge lines: for tank capacity of 4000 gals or less \$ 980. each additional tank \$ 210. for tank capacity greater than 4000 gals \$ 1,210. for each additional tank \$ 420.					REINSPECTIONS	

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 80078

VIOLATION ORDER

To 448 Hamilton Ave DOT Asphalt plant
ADDRESS NAME OF OWNER, LEASER/OCCUPANT, ETC.
via Industrial
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In Interest of Public Safety
SA	1	Provide portable fire extinguisher with min. rate 40 BC and place its on operating area
		3 RCNY § 7
		3 RCNY § 15

Joseph...

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Nicholas Scapetto
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater manager (718)369-4244
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
July Chapus 04-19-02 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metrotech Ctr Unit Telephone (718)999-2460

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-1370

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: Bureau of Highways
Address: 426 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: _____
Account/Folder No.: 05113279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>S. Mathew</u>	
Name: <u>S. MATHEW</u>	
(PLEASE PRINT)	
Date: <u>12-19-01</u>	Time: _____
Inspection Info. Only: (718) <u>999-2460</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
030	12-19-01	01:30	2:30	60	210	A leak detection functionality re-test done satisfactory. U.O.E 85875 dismissed
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$ 210.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage =(1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$ 195.		Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
920	Site inspection—per equivalent unit \$ 70.		for tank capacity greater than 4000 gals . . . \$ 840.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	544	—occupancy: 75 or more \$ 415.
921	Fire protection system inspection (per hour) \$ 210.	241	each additional tank \$ 385.			545	—Each additional theatre in a facility \$ 120.
	Siamese connection inspection:	254	EXPLOSIVES	862	Fire and Booster Pumps—Internal combustion engine (per pump)—	Major outdoor amusement facilities:	
923	—per initial siamese connection (per hour) \$ 210.		To store and sell blasting caps (per hour) \$ 210.		Initial installation (per hour) \$ 210.	546	—for each occupancy within a facility \$ 210.
924	—per additional siamese connection (per hour) \$ 210.		To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
901	To refine or distill (per site) (per hour) \$ 210.	870	FIRE ALARM SYSTEMS			548	Sports arenas, stadiums (per hour) \$ 210.
	Major construction at bulk storage sites, including fire protection systems (per project):	874	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	FIREWORKS		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
925	—actual hours at site (per hour) . . . \$ 210.	878	Full Class E Systems (in new buildings) (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	549	—occupancy: less than 75 \$ 310.
928	Underground Piping (per hour) . . . \$ 210.	882	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.			550	—occupancy: 75 to 149 \$ 415.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	884	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		552	—occupancy: 150 to 499 \$ 520.
		884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	890	Site inspection \$ 570.	553	—occupancy: 500 to 999 \$ 625.
MOTOR FUEL SYSTEMS		560	To use spray booths \$ 310.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	554	—occupancy: 1,000 to 2,499 \$ 725.
025	Site Inspection \$ 105.			FIREWORKS		555	—occupancy: 2,500 or greater . . . \$ 830.
026	Discharge line test (per site) . . . \$ 365.	851	FIRE SUPPRESSION SYSTEMS			551	—open flame permit \$ 210.
027	Fire suppression system test (per system) \$ 750.		Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	MAGAZINES		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
028	Tank test (per site) \$ 355.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
029	Tank reopening & repair \$ 320.			243	—subsequent inspection (per hour) \$ 210.	REINSPECTIONS	
030	Leak detection functionality test (per hour) \$ 210.				Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	999	All Reinspections (per hour) \$ 210.
	Installation & alteration:			244	—subsequent inspection (per hour) \$ 210.	998	Special situations (per hour) \$ 210.
031	with discharge lines:						
	for tank capacity of 4000 gals or less \$ 980.						
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals \$ 1,210.						
	for each additional tank \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-1048

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn N.Y.
Authorized Signature: [Signature]
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR: <u>[Signature]</u>	Badge No.: <u>434</u>
Signature: <u>[Signature]</u>	
Name: <u>[Signature]</u>	
(PLEASE PRINT)	
Date: <u>11-02-01</u>	Time: <u>11:25</u>
Inspection Info. Only: (718) _____	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	11-02-01	10:45	11:15	1/2 hr	105.00	V.O.'s # E 85790 and E 85840 were reinspected and found not complied with.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$105.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.		for tank capacity 4000 gals or less . . . \$ 195.		(carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	241	for tank capacity greater than 4000 gals . . . \$ 840.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
	Siamese connection inspection:	254	each additional tank \$ 385.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
923	—per initial siamese connection (per hour) \$ 210.	EXPLOSIVES		863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
924	—per additional siamese connection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.			547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
901	To refine or distill (per site) (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	FIREWORKS		548	Sports arenas, stadiums (per hour) \$ 210.
	Major construction at bulk storage sites, including fire protection systems (per project):	FIRE ALARM SYSTEMS		285	To discharge at displays—actual hours at site (per hour) \$ 210.		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:
925	—actual hours at site (per hour) . . . \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.	890	Site inspection \$ 570.	549	—occupancy: less than 75 \$ 310.
928	Underground Piping (per hour) . . . \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	550	—occupancy: 75 to 149 \$ 415.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		552	—occupancy: 150 to 499 \$ 520.
MOTOR FUEL SYSTEMS		882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	553	—occupancy: 500 to 999 \$ 625.
025	Site Inspection \$ 105.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.			554	—occupancy: 1,000 to 2,499 \$ 725.
026	Discharge line test (per site) \$ 365.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	MAGAZINES		555	—occupancy: 2,500 or greater . . . \$ 830.
027	Fire suppression system test (per system) \$ 750.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	551	—open flame permit \$ 210.
028	Tank test (per site) \$ 355.	560	To use spray booths \$ 310.	243	—subsequent inspection (per hour) . . \$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
029	Tank reopening & repair \$ 320.	FIRE SUPPRESSION SYSTEMS			Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
030	Leak detection functionality test (per hour) \$ 210.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	244	—subsequent inspection (per hour) . . \$ 210.	REINSPECTIONS	
	Installation & alteration:	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	245	—subsequent inspection (per hour) . . \$ 210.	999	All Reinspections (per hour) \$ 210.
031	with discharge lines:					998	Special situations (per hour) \$ 210.
	for tank capacity of 4000 gals or less . . \$ 980.						
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals \$ 1,210.						
	for each additional tank \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



CROSS STREETS OF NEW YORK

CITY OF NEW YORK

FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION 48

Hamilton Ave

VIOLATION ORDER

D.O. 26/11

E 85875

To 426 Hamilton Ave, Brooklyn Bureau of Highways.
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.

ground City Agency / DOT 05113279
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In the interest of public safety:
SP 1		Repair as required the mechanical leak detection system at the gasoline discharge line which wasn't passed a functionality test. 3RCNY 21-20 (0) 5 ii.
SP 2		Pump out all water from containment sumps where the submersible pumps located and repair the same to stop the entrance of water in it as required. <u>note</u> : currently all sumps filled with wtr
SP 3		Arrange an appointment with NYC Fire Dept. to witness a re-test and / or re-inspection of the above items after proper repairs. <u>note</u> : Repairs and re-test must be done by a FD license hold

If this order has not been complied with in, 20 days of the issuance date. A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

MR. Bill Slater Manager (718) 369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

S. MARTEN 10-22-01 BFS4
INSPECTOR DATE UNIT

Unit Address 9 Melrotech, Bklyn Unit Telephone (718) 999-2460



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION 48

Hamilton Ave

D.O. 26/11

VIOLATION ORDER

E 85875

To 426 Hamilton Ave, Brooklyn Bureau of Highways.
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.

ground City Agency / DOT 05113279
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In the interest of public safety:
SP 1		Repair as required the mechanical leak detection system at the gasoline discharge line which wasn't passed a functionality test. 3RCNY 21-20 (0) 5 ii.
SP 2		Pump out all water from containment sumps where the submersible pumps located and repair the same to stop the entrance of water in it as required. <u>note</u> : currently all sumps filled with water.
SP 3		Arrange an appointment with NYC Fire Dept. to witness a re-test and / or re-inspection of the above items after proper repairs. <u>note</u> : Repairs and re-test must be done by a FD license holder

If this order has not been complied with in, 20 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

MR. Bill Slater Manager (718) 369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

S. MASHEN 10-22-01 BFSU
INSPECTOR DATE UNIT

Unit Address 9 Metrotech, Bklyn Unit Telephone (718) 999-2460

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 22-0873

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account Name: Bureau of Highways
Address: 426 Hamilton Ave
City and State: Brooklyn Ny
Authorized Signature: [Signature]
Account/Folder No.: 05113279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>[Signature]</u>	
Name: <u>S. MATHEN</u>	
Date: <u>10-22-01</u>	Time: _____
Inspection Info. Only: (718) <u>999-2460</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
030	10-22-01	9:00	11:30	150	525	Witnessed a leak detection functionality test. Repairs and retest required for two line leak detectors U.O.E 85875

Total Due: \$525

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) \$ 210.	PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.	241	To store and sell blasting caps (per hour) \$ 210.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS		863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	FIREWORKS		546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	—actual hours at site (per hour) \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		548	Sports arenas, stadiums (per hour) \$ 210.
928	Underground Piping (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	890	Site inspection \$ 570.	549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	550	—occupancy: 75 to 149 \$ 415.
MOTOR FUEL SYSTEMS		560	To use spray booths \$ 310.	MAGAZINES		552	—occupancy: 150 to 499 \$ 520.
025	Site Inspection \$ 105.	FIRE SUPPRESSION SYSTEMS		242	Per magazine with electric alarm: —initial inspection (per hour) \$ 210.	553	—occupancy: 500 to 999 \$ 625.
026	Discharge line test (per site) \$ 365.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	243	—subsequent inspection (per hour) \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
027	Fire suppression system test (per system) \$ 750.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	244	Per magazine without electric alarm: —initial inspection (per hour) \$ 210.	555	—occupancy: 2,500 or greater \$ 830.
028	Tank test (per site) \$ 355.	EXPLOSIVES		245	—subsequent inspection (per hour) \$ 210.	551	—open flame permit \$ 210.
029	Tank reopening & repair \$ 320.	241	To store and sell blasting caps (per hour) \$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS		654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
030	Leak detection functionality test (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) \$ 210.	REINSPECTIONS		999	All Reinspections (per hour) \$ 210.
Installation & alteration:		FIRE ALARM SYSTEMS		998	Special situations (per hour) \$ 210.		
031	with discharge lines: for tank capacity of 4000 gals or less \$ 980.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.				
	each additional tank \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.				
	for tank capacity greater than 4000 gals \$ 1,210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.				
	for each additional tank \$ 420.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.				

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 22-0873

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: Bureau of Highways
Address: 426 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: [Signature]
Account/Folder No.: 05113279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>S. Mathew</u>	
Name: <u>S. MATHEW</u>	
Date: <u>10-22-01</u>	Time: _____
Inspection Info. Only: (718) <u>999-2460</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
030	10-22-01	9:00	11:30	150	525	Witnessed a leak detection functionality test. Repairs and retest required for two line leak detectors. U.O.E 85875
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$525

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$ 195.		Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.		Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:
920	Site inspection—per equivalent unit . . . \$ 70.		for tank capacity greater than 4000 gals . . . \$ 840.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	543	—occupancy: less than 75 . . . \$ 310.
921	Fire protection system inspection (per hour) . . . \$ 210.	241	EXPLOSIVES			544	—occupancy: 75 or more . . . \$ 415.
	Siamese connection inspection:	254	To store and sell blasting caps (per hour) . . . \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—	545	—Each additional theatre in a complex . . . \$ 120.
923	—per initial siamese connection (per hour) . . . \$ 210.		actual hours at site (per hour) . . . \$ 210.		Initial installation (per hour) . . . \$ 210.	546	Major outdoor amusement facilities: —for each occupancy within a facility . . . \$ 210.
924	—per additional siamese connection (per hour) . . . \$ 210.	FIRE ALARM SYSTEMS		863	Sprinkler Dry Valve Trip Test (per valve) . . . \$ 515.	547	Indoor skating rinks, bowling alleys, exhibition halls . . . \$ 415.
901	To refine or distill (per site) (per hour) . . . \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.			548	Sports arenas, stadiums (per hour) . . . \$ 210.
	Major construction at bulk storage sites, including fire protection systems (per project):	874	Full Class E Systems (in new buildings) (per hour) . . . \$ 210.	FIREWORKS			Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:
925	—actual hours at site (per hour) . . . \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) . . . \$ 210.	285	To discharge at displays—actual hours at site (per hour) . . . \$ 210.	549	—occupancy: less than 75 . . . \$ 310.
928	Underground Piping (per hour) . . . \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) . . . \$ 210.			550	—occupancy: 75 to 149 . . . \$ 415.
929	Pressure Tests Tanks/Piping (per hour) . . . \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) . . . \$ 210.	HIGH RISE/HOTEL/MOTEL		552	—occupancy: 150 to 499 . . . \$ 520.
MOTOR FUEL SYSTEMS		560	To use spray booths . . . \$ 310.	890	Site inspection . . . \$ 570.	553	—occupancy: 500 to 999 . . . \$ 625.
026	Discharge line test (per site) . . . \$ 365.	FIRE SUPPRESSION SYSTEMS		894	Fire Safety Director Exam (as required) (onsite exam) . . . \$ 445.	554	—occupancy: 1,000 to 2,499 . . . \$ 725.
027	Fire suppression system test (per system) . . . \$ 750.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) . . . \$ 210.	MAGAZINES		555	—occupancy: 2,500 or greater . . . \$ 830.
028	Tank test (per site) . . . \$ 355.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) . . . \$ 580.	242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	551	—open flame permit . . . \$ 210.
029	Tank reopening & repair . . . \$ 320.			243	—subsequent inspection (per hour) . . . \$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
030	Leak detection functionality test (per hour) . . . \$ 210.					654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) . . . \$ 210.
	Installation & alteration:			244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	REINSPECTIONS	
031	with discharge lines:			245	—subsequent inspection (per hour) . . . \$ 210.	999	All Reinspections (per hour) . . . \$ 210.
	for tank capacity of 4000 gals or less . . . \$ 980.					998	Special situations (per hour) . . . \$ 210.
	each additional tank . . . \$ 210.						
	for tank capacity greater than 4000 gals . . . \$ 1,210.						
	for each additional tank . . . \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 85790

VIOLATION ORDER

To 448 Hamilton Ave DOT, Asphalt Plant
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Ma Industrial 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In Interest of Public Safety
SP	1	Refill foam-concentrate tank of fire suppression system up to maximum of its capacity.
		T 27-4053
		3RCNY 7-02
		Note: At the time of inspection this tank was filled with foam concentrate approx up to 3/4 of max. capacity
		forthwith time 1:00 P.M.

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR-NUMBERING

TO 24
FOR DISMISSAL

Thomas Von Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Tom Siano Director (718)369-4244
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
July Clepaw 05-21-01 Bulk Fuel Safety
INSPECTOR DATE UNIT
Unit Address 9 Metrotech Ctr Unit Telephone (718)999-2461

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-0532

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Name: D.O.T - Asphalt Plant
 Address: 448 Hamilton Ave
 City and State: Brooklyn, N.Y.
 Authorized Signature: Thomas Laird
 Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
 9 MetroTech Center, Cashier's Office
 Brooklyn, N.Y. 11201-3857
 Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>434</u>
Signature: <u>July Chapro</u>	
Name: <u>July Chapro</u>	
(PLEASE PRINT)	
Date: <u>05-21-01</u>	Time: <u>1:10</u>
Inspection Info. Only: (718) _____	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>05-21-01</u>	<u>12:15</u>	<u>1:00</u>	<u>45min</u>	<u>157.50</u>	<u>V.O.'s # E86734 and E85840 were re-inspected and found not complied with.</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$ 157.50

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines:	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage =(1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$ 665.		Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
920	Site inspection—per equivalent unit \$ 70.		each additional tank \$ 195.		(per hour) . . . \$ 210.	544	—occupancy: 75 or more \$ 415.
921	Fire protection system inspection (per hour) \$ 210.	241	for tank capacity greater than 4000 gals . . . \$ 840.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	545	—Each additional theatre in a complex \$ 120.
	Siamese connection inspection:		each additional tank \$ 385.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
923	—per initial siamese connection (per hour) \$ 210.	254	EXPLOSIVES		Initial installation (per hour) \$ 210.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
924	—per additional siamese connection (per hour) \$ 210.	870	FIRE ALARM SYSTEMS	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	548	Sports arenas, stadiums (per hour) . . . \$ 210.
901	To refine or distill (per site) (per hour) . . \$ 210.	874	Modified Class E Systems (in existing buildings) (per hour) \$ 210.		FIREWORKS	549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
	Major construction at bulk storage sites, including fire protection systems (per project):	878	Full Class E Systems (in new buildings) (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	550	—occupancy: 75 to 149 \$ 415.
925	—actual hours at site (per hour) \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.		HIGH RISE/HOTEL/MOTEL	552	—occupancy: 150 to 499 \$ 520.
928	Underground Piping (per hour) \$ 210.	882	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	890	Site inspection \$ 570.	553	—occupancy: 500 to 999 \$ 625.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	884	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	554	—occupancy: 1,000 to 2,499 \$ 725.
	MOTOR FUEL SYSTEMS	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.		MAGAZINES	555	—occupancy: 2,500 or greater \$ 830.
025	Site Inspection \$ 105.	560	882 Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	551	—open flame permit \$ 210.
026	Discharge line test (per site) \$ 365.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	243	—subsequent inspection (per hour) . . . \$ 210.		THEATRICALS AND TELEVISION SPECIAL EFFECTS
027	Fire suppression system test (per system) . \$ 750.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
028	Tank test (per site) \$ 355.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	245	—subsequent inspection (per hour) . . . \$ 210.		REINSPECTIONS
029	Tank reopening & repair \$ 320.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.			999	All Reinspections (per hour) \$ 210.
030	Leak detection functionality test (per hour) . \$ 210.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.			998	Special situations (per hour) \$ 210.
	* Installation & alteration:	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.				
031	with discharge lines:	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.				
	for tank capacity of 4000 gals or less . . . \$ 980.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.				
	each additional tank \$ 210.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.				
	for tank capacity greater than 4000 gals . . \$ 1,210.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.				
	for each additional tank \$ 420.	884	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.				

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

Hamilton Ave

D.O. 26
E 85840

VIOLATION ORDER

To 448 Hamilton Ave, Brooklyn Dept. of Transportation
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC
ground NYC Dept. of Transportation 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP 1	1	In the interest of public safety: Re-paint all pipings inside the foam house and color coded the same as per 3 RCNY 7-02.
SP 2	2	Relocate the operating instructions to, front of foam tank and its accessories as required.
SP 3	3	Repaint the foam tank and provide a sign on the tank showing its Capacity. 3 RCNY 7-02
SP 4	4	Provide a color code chart in the foam house as required. 3 RCNY 7-02.

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR-NUMBERING

TO 24
FOR DISMISSAL

Thomas V. Essen.
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Mr. Bill Slater
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
S. MATHEN/Franks.C.U.-23-01 BFSU
INSPECTOR DATE UNIT

Unit Address 9 Metrotech, Bklyn Unit Telephone (618) 999-2460

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 22-0421

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: Dept. of Transportation
Address: 448 Hamilton Ave
City and State: Brooklyn, Ny
Authorized Signature: [Signature]
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>S. Mathew</u>	
Name: <u>S. MATHEN</u>	
(PLEASE PRINT)	
Date: <u>4-23-01</u>	Time: _____
Inspection Info. Only: (718) <u>999-2460</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
925	4-23-01	09:30	11:30	(120x2)	840	A fire extinguishing foam system was tested satisfactory for the asphalt tanks. <u>note:</u> <u>this bill belongs to two inspectors.</u>

Total Due: \$ 840.00
100

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.		for tank capacity 4000 gals or less . . . \$ 195.		Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS		863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	FIREWORKS		547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	—actual hours at site (per hour) . . . \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	548	Sports arenas, stadiums (per hour) \$ 210.
928	Underground Piping (per hour) . . . \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	890	Site inspection \$ 570.	550	—occupancy: 75 to 149 \$ 415.
MOTOR FUEL SYSTEMS		884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	552	—occupancy: 150 to 499 \$ 520.
025	Site Inspection \$ 105.	560	To use spray booths \$ 310.	MAGAZINES		553	—occupancy: 500 to 999 \$ 625.
026	Discharge line test (per site) \$ 365.	FIRE SUPPRESSION SYSTEMS		242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
027	Fire suppression system test (per system) \$ 750.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	243	—subsequent inspection (per hour) \$ 210.	555	—occupancy: 2,500 or greater . . . \$ 830.
028	Tank test (per site) \$ 355.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	551	—open flame permit \$ 210.
029	Tank reopening & repair \$ 320.	THEATRICS AND TELEVISION SPECIAL EFFECTS		245	—subsequent inspection (per hour) \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
030	Leak detection functionality test (per hour) \$ 210.	REINSPECTIONS				999	All Reinspections (per hour) \$ 210.
Installation & alteration:						998	Special situations (per hour) \$ 210.
031	with discharge lines: for tank capacity of 4000 gals or less \$ 980.						
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals \$ 1,210.						
	for each additional tank \$ 420.						

*Per hour charge is per inspector.

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STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 22-0421

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Name: Dept. of Transportation
 Address: 448 Hamilton Ave
 City and State: Brooklyn, NY
 Authorized Signature: [Signature]
 Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
 9 MetroTech Center, Cashier's Office
 Brooklyn, N.Y. 11201-3857
 Payment Info Only: (718) 999-2496

INSPECTOR	Badge No. <u>11</u>
Signature: <u>S. Mathews</u>	
Name: <u>S. MATHEW</u>	
Date: <u>4-23-01</u>	Time: _____
Inspection Info. Only: (718) <u>999-2460</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
925	4-23-01	09:30	11:30	(120x2)	840	A fire extinguishing foam system was tested satisfactory for the asphalt tanks. note: this bill belongs to two inspectors.

Total Due: \$ 840.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.		for tank capacity 4000 gals or less . . . \$ 195.			543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	241	for tank capacity greater than 4000 gals each additional tank \$ 385.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	254	EXPLOSIVES	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	870	To store and sell blasting caps (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	874	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	FIREWORKS		547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	Major construction at bulk storage sites, including fire protection systems (per project):	878	FIRE ALARM SYSTEMS	285	To discharge at displays—actual hours at site (per hour) \$ 210.	548	Sports arenas, stadiums (per hour) \$ 210.
928	—actual hours at site (per hour) . . . \$ 210.	882	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.	HIGH RISE/HOTEL/MOTEL		549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
929	Underground Piping (per hour) . . . \$ 210.	884	Full Class E Systems (in new buildings) (per hour) \$ 210.	890	Site inspection \$ 570.	550	—occupancy: 75 to 149 \$ 415.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	884	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	552	—occupancy: 150 to 499 \$ 520.
	MOTOR FUEL SYSTEMS	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	MAGAZINES		553	—occupancy: 500 to 999 \$ 625.
025	Site Inspection \$ 105.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	242	Per magazine with electric alarm: —initial inspection (per hour) . . . \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
026	Discharge line test (per site) \$ 365.	560	To use spray booths \$ 310.	243	—subsequent inspection (per hour) \$ 210.	555	—occupancy: 2,500 or greater . . . \$ 830.
027	Fire suppression system test (per system) \$ 750.	851	FIRE SUPPRESSION SYSTEMS	244	Per magazine without electric alarm: —initial inspection (per hour) . . . \$ 210.	551	—open flame permit \$ 210.
028	Tank test (per site) \$ 355.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	245	—subsequent inspection (per hour) \$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
029	Tank reopening & repair \$ 320.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	REINSPECTIONS		654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
030	Leak detection functionality test (per hour) \$ 210.					999	All Reinspections (per hour) \$ 210.
031	Installation & alteration: with discharge lines: for tank capacity of 4000 gals or less . . . \$ 980.					998	Special situations (per hour) \$ 210.
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals for each additional tank \$ 420.						

*Per hour charge is per inspector.
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FIRE DEPARTMENT, CITY OF NEW YORK – BUREAU OF FIRE PREVENTION
250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 – 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
62514724	05/23/94	05/22/97	0.00

TYPE: G38 TORCH USE OF O-2 COMB GAS
NAME: CALIFANO PAUL
ADDRESS: 23-30 123 STREET
COLLEGE PT. NY 113560000

SOCIAL SECURITY NO.	BIRTHDATE	SEX	HEIGHT	WEIGHT
088643305	03/06/64	M	6'02"	175 LBS

HAIR	EYES	CITY EMPLOYEE
BROWN	BROWN	YES

EMPLOYER:

WORK ADDRESS: NOT REQUIRED

SIGNATURE _____

IT IS THE CERTIFICATE HOLDERS RESPONSIBILITY TO RENEW
THE CERTIFICATE OF FITNESS WITHIN A TIMELY MANNER.

NEW YORK CITY FIRE DEPARTMENT
250 LIVINGSTON STREET
BROOKLYN, NEW YORK 11201-5884
ATTENTION: ROOM 439

IF YOUR WORK ADDRESS APPEARS ON THE FRONT OF YOUR
CERTIFICATE AND YOUR WORK ADDRESS HAS CHANGED, YOU
MUST IMMEDIATELY NOTIFY THE FIRE DEPARTMENT BY FOR-
WARDING A LETTER FROM YOUR EMPLOYER, YOUR OLD CER-
TIFICATE AND THE APPROPRIATE RENEWAL FEE.

FOR FIRE SAFETY DIRECTOR CERTIFICATE HOLDERS, CONTACT
THE HIGH RISE UNIT. FOR SPRINKLER/STANDPIPE CERTIFICATE
HOLDERS, CONTACT THE CERTIFICATE OF FITNESS UNIT. BOTH
UNITS ARE LOCATED AT THE ADDRESS LISTED ABOVE.

IF YOUR HOME ADDRESS CHANGES, PLEASE NOTIFY THE NEW
YORK CITY FIRE DEPARTMENT IN WRITING.

"THIS CERTIFICATE IS THE PROPERTY OF THE N.Y.C. FIRE
DEPARTMENT AND MUST BE SURRENDERED UPON REQUEST."



FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION
 250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 - 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
61610135	04/14/93	04/09/96	0.00

TYPE: G38 TORCH USE OF O-2 COMB GAS
 NAME: GRADY RONALD J
 ADDRESS: 287 18TH ST
 BROOKLYN NY 112150000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
125306343	12/23/41	M	6'01"	207 LBS

HAIR	EYES	CITY EMPLOYEE
BROWN	BLUE	YES

EMPLOYER:
 WORK ADDRESS: 00

SIGNATURE *Ronald J. Grady*

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 22-0254

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: [Signature]
Account/Folder No.: 0511 3279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>S. Mathews</u>	
Name: <u>S. MATHEW</u>	
(PLEASE PRINT)	
Date: <u>2-23-01</u>	Time: _____
Inspection Info. Only: (718) <u>999-2460</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>2-23-01</u>	<u>9:00</u>	<u>9:20</u>	<u>70</u>	<u>70</u>	<u>A re-inspection of existing U.O.E 23033 dated 8-18-99. Item not C.W.</u>

Total Due: \$ 70.00
100

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines:	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage =(1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . \$ 665.		Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
920	Site inspection—per equivalent unit \$ 70.		each additional tank \$ 195.		Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
921	Fire protection system inspection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.		Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
	Siamese connection inspection:	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	862	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
923	—per initial siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS				547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
924	—per additional siamese connection (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.	285	FIREWORKS	548	Sports arenas, stadiums (per hour) \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.		To discharge at displays—actual hours at site (per hour) \$ 210.		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:
	Major construction at bulk storage sites, including fire protection systems (per project):	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	890	Site inspection \$ 570.	549	—occupancy: less than 75 \$ 310.
925	—actual hours at site (per hour) . . \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	550	—occupancy: 75 to 149 \$ 415.
928	Underground Piping (per hour) . . \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		552	—occupancy: 150 to 499 \$ 520.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	560	To use spray booths \$ 310.		Site inspection \$ 570.	553	—occupancy: 500 to 999 \$ 625.
MOTOR FUEL SYSTEMS		FIRE SUPPRESSION SYSTEMS			Fire Safety Director Exam (as required) (onsite exam) \$ 445.	554	—occupancy: 1,000 to 2,499 \$ 725.
025	Site Inspection \$ 105.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	MAGAZINES		555	—occupancy: 2,500 or greater . . . \$ 830.
026	Discharge line test (per site) . . . \$ 365.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.		Per magazine with electric alarm:	551	—open flame permit \$ 210.
027	Fire suppression system test (per system) \$ 750.			242	—initial inspection (per hour) . . . \$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
028	Tank test (per site) \$ 355.			243	—subsequent inspection (per hour) \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
029	Tank reopening & repair \$ 320.				Per magazine without electric alarm:	REINSPECTIONS	
030	Leak detection functionality test (per hour) \$ 210.			244	—initial inspection (per hour) . . . \$ 210.	999	All Reinspections (per hour) \$ 210.
	Installation & alteration:			245	—subsequent inspection (per hour) \$ 210.	998	Special situations (per hour) \$ 210.
031	with discharge lines:						
	for tank capacity of 4000 gals or less \$ 980.						
	each additional tank \$ 210.						
	for tank capacity greater than 4000 gals \$ 1,210.						
	for each additional tank \$ 420.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER

Nº 22-0254

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: [Signature]
Account/Folder No.: 05113279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center, Cashier's Office
Brooklyn, N.Y. 11201-3857
Payment Info Only: (718) 999-2496

INSPECTOR	Badge No.: <u>11</u>
Signature: <u>S. Mathews</u>	
Name: <u>S. MATHEW</u>	
Date: <u>2-23-01</u>	Time: _____
Inspection Info. Only: (718) <u>999-2460</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	2-23-01	9:00	9:20	70	70	A re-inspection of existing U.O.E 23033 dated 8-18-99. Item not C.W.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$ 70.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/RULE)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		032	without discharge lines: \$ 665.	860	Other Special Protective Systems—	PLACES OF PUBLIC ASSEMBLY	
	Equivalent unit of storage =(1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		for tank capacity 4000 gals or less . . . \$ 195.		Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . . \$ 210.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920	Site inspection—per equivalent unit \$ 70.		for tank capacity greater than 4000 gals . . . \$ 840.	861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) . . . \$ 210.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	241	To store and sell blasting caps (per hour) \$ 210.			544	—occupancy: 75 or more \$ 415.
	Siamese connection inspection:	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
923	—per initial siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS				Major outdoor amusement facilities:	
924	—per additional siamese connection (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	546	—for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	FIREWORKS		547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
	Major construction at bulk storage sites, including fire protection systems (per project):	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	548	Sports arenas, stadiums (per hour) \$ 210.
925	—actual hours at site (per hour) . . . \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
928	Underground Piping (per hour) . . . \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	890	Site inspection \$ 570.	549	—occupancy: less than 75 \$ 310.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	560	To use spray booths \$ 310.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	550	—occupancy: 75 to 149 \$ 415.
MOTOR FUEL SYSTEMS		FIRE SUPPRESSION SYSTEMS		MAGAZINES		552	—occupancy: 150 to 499 \$ 520.
025	Site Inspection \$ 105.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	242	—initial inspection (per hour) . . . \$ 210.	553	—occupancy: 500 to 999 \$ 625.
026	Discharge line test (per site) \$ 365.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	243	—subsequent inspection (per hour) \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
027	Fire suppression system test (per system) \$ 750.			244	—initial inspection (per hour) . . . \$ 210.	555	—occupancy: 2,500 or greater . . . \$ 830.
028	Tank test (per site) \$ 355.			245	—subsequent inspection (per hour) \$ 210.	551	—open flame permit \$ 210.
029	Tank reopening & repair \$ 320.			REINSPECTIONS		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
030	Leak detection functionality test (per hour) \$ 210.			654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.	
031	Installation & alteration with discharge lines: for tank capacity of 4000 gals or less \$ 980. each additional tank \$ 210. for tank capacity greater than 4000 gals \$ 1,210. for each additional tank \$ 420.					REINSPECTIONS	
						999	All Reinspections (per hour) \$ 210.
						998	Special situations (per hour) \$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

DATE 3-1-93 ACCT. NO. 08015364
THIS DOCUMENT MUST BE ATTACHED TO FIRE
DEPARTMENT OPERATING PERMIT
EXP. MONTH 3 YEAR 94
EXAMINER ASKEA
N.Y.F.D. BULK OIL SECTION
BUREAU OF FIRE PREVENTION

THE ISSUANCE OF THIS TANK LIST SHALL NOT BE CONSTRUED TO MEAN THAT A FIRE DEPARTMENT OPERATING PERMIT HAS BEEN ISSUED FOR THIS FACILITY.

Any reply - reply to:
Bulk Oil Storage Unit
Telephone #718-403-1285
F.D. Account #08015364

New York City Dept. of Transportation
Brooklyn Asphalt Plant
448 Hamilton Avenue
Brooklyn, New York 11232

BULK OIL STORAGE PLANT TANK LIST

<u>TANK #</u>	<u>TYPE OF TANK</u>	<u>PRODUCT</u>	<u>SHELL CAP.</u>
1 & 3	Above ground compartment tank. (two comp. 15000 gal. each)	Asphalt	30,000 Gallons
2	Above ground	Asphalt	30,000 Gallons
5	Above ground	#2 Oil	10,000 Gallons
-	Mounted on tank #1 & 2	Hot Oil heating system for Asphalt	Two 25 Gallon Tanks

NOTES: #4 is omitted from the numbering system.

- 1) If any additional storage tanks are to be utilized or if there is any change in product storage, Fire Department approval must be obtained before any change is made.
- 2) When tanks are taken out of service for cleaning, written Fire Department notification is required.
- 3) Whenever correspondence is forwarded to this department, include your Fire Department Account number and forward to Bulk Oil Storage Unit.
- 4) Person with Bulk Oil Certificate of Fitness to be on premises at all times to supervise the plant, while in operation and when any repair work being done.

NJS:AP:fh

SAVE WATER 5/90

SMOKE DETECTORS SAVE LIVES

SAVE WATER

A-700 (7/88) 46-880636-R25

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 N ^o 2 11978

\$ BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 694-2492

Account Name: New York City DEPARTMENT OF TRANSPORTATION.

Address: 448-488 HAMILTON AVE

City and State: Brooklyn NY 11232

Authorized Signature: David Stern

Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>364 434</u>
Signature: <u>[Signature]</u>	
Name: <u>Yuly CHAPRO</u>	
Date: <u>10-16-97</u>	Time: <u>1:00</u>

PRINT EACH INSPECTION SEPARATELY

Item No.	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>9911/921</u>	<u>10-16-97</u>	<u>9:00</u>	<u>1:00</u>		<u>\$1,640</u>	<u>Issued for witnessing performance test of Fire protection system of Asphalt plant (Bulk Oil Storage). Issued the following Violations: D86732, 33, 34</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$1,640.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees		
BULK OIL STORAGE			EXPLOSIVES			PLACES OF PUBLIC ASSEMBLY		
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)	241	To store and sell blasting caps (per hour) \$ 210.	865	Rangehood System—Electrical—Annual Inspection \$ 70.	543	—occupancy: less than 75 \$ 310.		
Site inspection—per equivalent unit \$ 70.	254	To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . \$ 210.	544	—occupancy: 75 or more \$ 415.		
Fire protection system inspection (per hour) \$ 210.	FIRE ALARM SYSTEMS		861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.		
Siamese connection inspection: —per initial siamese connection . . . \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	546	—for each occupancy within a facility \$ 210.		
—per additional siamese connection (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.		
To refine or distill (per site) (per hour) \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	FIREWORKS			548	Sports arenas, stadiums (per hour) \$ 210.	
Major construction at bulk storage sites, including fire protection systems (per project):	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	549	—occupancy: less than 75 \$ 310.		
—actual hours at site (per hour) . . . \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL			550	—occupancy: 75 to 149 \$ 415.	
Underground Piping (per hour) . . . \$ 210.	560	To use spray booths \$ 310.	890	Site inspection \$ 570.	552	—occupancy: 150 to 499 \$ 520.		
Pressure Tests Tanks/Piping (per hour) \$ 210.	FIRE SUPPRESSION SYSTEMS		894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	553	—occupancy: 500 to 999 \$ 625.		
BURIED TANKS			MAGAZINES			554	—occupancy: 1,000 to 2,499 \$ 725.	
Site inspection \$ 105.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	242	—initial inspection (per hour) . . . \$ 210.	555	—occupancy: 2,500 or greater . . . \$ 830.		
Discharge lines inspection (per site) \$ 365.	858	Rangehood Systems—Mechanical—Initial installation (per system) \$ 285.	243	—subsequent inspection (per hour) \$ 210.	551	—open flame permit \$ 210.		
Dry chemical extinguishing system test—where installed (per system) \$ 750.	864	Rangehood System—Mechanical—Annual Inspection \$ 70.	THEATRICALS AND TELEVISION SPECIAL EFFECTS					
Tank inspection (per site) \$ 355.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.	REINSPECTIONS			
Reopen, modification or inspection of repaired tanks \$ 320.				244	—initial inspection (per hour) . . . \$ 210.	999	All Reinspections (per hour) . . . \$ 210.	
Review and inspection during the time of new tank installation:				245	—subsequent inspection (per hour) \$ 210.			
—with discharge lines \$ 1,385.								
—without discharge lines \$ 1,180.								

per hour charge is per inspector. 1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

A-10(D) (1/91) 72-910143-117-P

BATTALION _____
D.O. 26
D 86732

To 448 Hamilton Ave D.O.T. Asphalt Plant
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Industrial 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		<u>In Interest of Public Safety</u>
<u>SP 1</u>	<u>1</u>	<u>Discontinue operation unless the foam and water Siamese Connection will be reinstalled on the easy access place.</u>
<u>SP 2</u>	<u>2</u>	<u>Reinstall the water and foam Siamese Connection on the easy access place</u>
<u>SP 3</u>	<u>3</u>	<u>Post the sign and properly identify Siamese Connection</u>
		<u>T27-4053</u>
		<u>Time 11:00</u>

If this order has not been complied with in, forthwith days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Thomas Von Essen
[Signature]
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater plant mgr. [718] 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
July Chapin 10-16-97 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech Center Unit Telephone [718] 999-2460



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

A-10(D) (1/91) 72-910143-117-P

BATTALION _____
D.O. 26
D 86734

To 488 Hamilton Ave D.O.T - Asphalt Plant
4a Industrial 08015364
ROOM NO. OR FLOOR ADDRESS TYPE OF OCCUPANCY NAME OF OWNER, LEASEE, OCCUPANT, ETC. ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In Interest of Public Safety
SP 1		Post the emergency operating list on the visible place.
SP 2		Properly identify all valves and piping of Fire Suppression System
SP 3		Paint and color-code all piping of Foam System.
SP 4		Make separation 3% Mechanical Foam System from High Voltage Electrical equipment which are located in the same room.
SP S		Install and complete fire-hose cabinets near the yard hydrant and foam-hose.

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Thomas Von Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater Plant mgr (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
Yuly Chapno 10-16-97 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech Center Unit Telephone (718) 999-2460

J & J FIRE SAFETY CORP.
 2207 Newbridge Road
 BELLMORE, NEW YORK 11710

JOB INVOICE

(800) 992-9322 (516) 781-2266

TO
 Department of Transportation
 40 Worth Street, Room 1234
 New York, NY 10013

PHONE (718) 788-4516	DATE OF ORDER 9/30/97
ORDER TAKEN BY LC	CUSTOMER'S ORDER NUMBER
<input type="checkbox"/> DAY WORK	<input type="checkbox"/> CONTRACT
<input type="checkbox"/> EXTRA	
JOB NAME/NUMBER DOT - Asphalt Plant	
JOB LOCATION 448 Hamilton Avenue, Brooklyn	
JOB PHONE	STARTING DATE 10/16/97 9:00 AM

TERMS:

QTY.	MATERIAL	PRICE	AMOUNT	DESCRIPTION OF WORK
>	Perform electrical & mechanical test of foam fire detection & fire suppression system in presence of N.Y.C.F.D. system activated electrically via heat detectors electric manual release & manual release control valve F.D issued violation order 86732 & 86733 hydraulic foam proportioner failed to release foam J+J to repair on replace J+J to provide 500 Gal. foam for site use			Perform Fire Department inspection and test of foam fire protection system.
				OTHER CHARGES
				TOTAL OTHER
				LABOR
				HRS. RATE AMOUNT
>	Retest system & arrange for F.D reinspection & test			1-Field Tech 8
				TOTAL LABOR
				TOTAL MATERIALS
				TOTAL OTHER
DATE COMPLETED 10/16/97	TOTAL MATERIALS			

Work ordered by Mr. Bill Slater
 Signature *David Stern*
 I hereby acknowledge the satisfactory completion of the above described work.

Thank You

TAX	
TOTAL	



999-2461 FOR APPOINTMENT ON FOAM SYSTEM
A-10(D) (4/97) 72-910143-117-P

CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

BATTALION _____

D.O. 26

VIOLATION ORDER

E 22609

To 448 Hamilton Ave F.O.T. Asphalt Plant
Industrial
ROOM NO. OR FLOOR _____ ADDRESS _____ NAME OF OWNER, LEASEE, OCCUPANT, ETC. _____
4 TYPE OF OCCUPANCY _____ 08015364 ACCOUNT NO. _____

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	In Interest of Public Safety Arrange with this department an appointment to witness 2-year test of Fire Suppression System. Note: This test must be witnessed by F.D. representative
		3 RCNY 07-01

If this order has not been complied with in, 10 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Thomas Von Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Statter Plant mgr. (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER _____ TITLE _____ PHONE # _____
July Depina 06-01-99 Public Rel Safety
INSPECTOR _____ DATE _____ UNIT _____

Unit Address 9 Metrotech Ctr Unit Telephone (718) 999-2460



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

A-10(D) (1/91) 72-910143-117-P

BATTALION _____
D.O. 26
D 86732

To 448 Hamilton Ave D.O.T. Asphalt Plant
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Industrial 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		<u>In Interest of Public Safety</u>
<u>SP 1</u>	<u>1</u>	<u>Discontinue operation unless the foam and water Siamese Connection will be reinstalled on the easy access place.</u>
<u>SP 2</u>	<u>2</u>	<u>Reinstall the water and foam Siamese Connection on the easy access place</u>
<u>SP 3</u>	<u>3</u>	<u>Post the sign and properly identify Siamese Connection</u>
		<u>T27-4053</u>
		<u>Time 11:00</u>

If this order has not been complied with in, forthwith days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Thomas Von Essen
Carl M. Fina
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater plant mgr. (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
July Chapin 10-16-97 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech Center Unit Telephone (718) 999-2460



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

A-10(D) (1/91) 72-910143-117-P

BATTALION _____
D.O. 26
D 86733

To 488 Hamilton Ave D.O.T. Asphalt Plant
4a ADDRESS Industrial NAME OF OWNER, LEASEE, OCCUPANT, ETC. 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP 1	1	In Interest of Public Safety Discontinue all operation unless Fire Suppression System will be restored to the proper working con- dition and retested.
SP 2	2	Restore 3% Mechanical System to the proper working condition.
		T27-405-3

If this order has not been complied with fourteen days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL

Time 12:30
Thomas Von Essen
[Signature]
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater plant mgr (718) 288-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
Yuly Chapno 10-16-97 Asst Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech Center Unit Telephone 999-2460

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 2 11941

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 694-2492

Name: Bureau of Highways (Asphalt Plan)
Address: 448 Hamilton Ave
City and State: Brooklyn, N.Y.
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR: _____ Badge No.: 434
Signature: [Signature]
Name: July Chapro
(PLEASE PRINT)
Date: 09-24-97 Time: 11:00

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	09-24-97	10:30	11:00	1/2 hr	105.00	Reinspection of V.O. #D62168 and 1/2 was done. Neither V.O. nor 1/2 is not complied with.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$105.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	543 —occupancy: less than 75	\$ 310.
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour) ..	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) ..	\$ 210.	544 —occupancy: 75 or more	\$ 415.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) ..	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	Major outdoor amusement facilities:	
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	546 —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour) ..	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	548 Sports arenas, stadiums (per hour) ..	\$ 210.
928 Underground Piping (per hour) ..	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	549 —occupancy: less than 75	\$ 310.
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	550 —occupancy: 75 to 149	\$ 415.
025 Site inspection	\$ 105.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		552 —occupancy: 150 to 499	\$ 520.
026 Discharge lines inspection (per site)	\$ 365.	858 Rangehood Systems—Mechanical—Initial installation (per system) ..	\$ 285.	242 —initial inspection (per hour) ..	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
027 Dry chemical extinguishing system test—where installed (per system) ..	\$ 750.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour) ..	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank inspection (per site)	\$ 355.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	244 —initial inspection (per hour) ..	\$ 210.	555 —occupancy: 2,500 or greater ..	\$ 830.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			245 —subsequent inspection (per hour) ..	\$ 210.	551 —open flame permit	\$ 210.
031 —with discharge lines	\$ 1,385.			THEATRICALS AND TELEVISION SPECIAL EFFECTS		654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**NOTICE OF VIOLATION
AND HEARING**

VIOLATION NUMBER: 103-190-79R
INSTALLATION NUMBER: 950197700

MAILING DATE: 07/19/95

HEARING LOCATION: 233 SCHERMERHORN STREET
BROOKLYN NY 11201
FLOOR 11

HEARING DATE: 08/08/95
TIME: 01:30 P.M.

NOV 103-190-79R S
300505H
DEPT OF HIGHWAYS 841
448 HAMILTON AVE
BROOKLYN NY 11232-1015

BELOW IS A SUMMARY OF A VIOLATION PREVIOUSLY ISSUED TO THE NAMED RESPONDENT. THE RESPONDENT OR AN AUTHORIZED REPRESENTATIVE IS HEREBY DIRECTED TO RESPOND TO THE CHARGES AT A HEARING AS INDICATED ABOVE, OR IN THE ALTERNATIVE METHODS ACCEPTABLE TO THE ENVIRONMENTAL CONTROL BOARD AS EXPLAINED ON THE REVERSE SIDE.

COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V DEPT OF HIGHWAYS 841
(PETITIONER) (RESPONDENT)
OCCURRENCE PLACE: 448 HAMILTON AVE BORO OR CITY: BROOKLYN
OBSERVATION MADE BY: TAX REGISTRY NUMBER: 593094
DATE: 04/06/95 ON OR ABOUT 11:40 A.M.

INVESTIGATION BY THE PETITIONER NAMED ABOVE HAS DETERMINED THAT THERE IS REASONABLE CAUSE TO BELIEVE THAT THE RESPONDENT AT THE PLACE AND DATE INDICATED ABOVE, HAS VIOLATED THE FOLLOWING PROVISIONS OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK OR RULES AND REGULATIONS PROMULGATED THEREUNDER. THIS VIOLATION IS SCHEDULED TO BE HEARD ON THE DATE, PLACE AND TIME INDICATED ABOVE.

VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION: SUB-SECTION OR RULE:	DESCRIPTION:	MAXIMUM PENALTY:
RULE 1- 6	FAILED TO PROVIDE BUCKETS/EXTINGUISHERS	\$1000.00
RULE 1- 6	FAILED TO PROVIDE ADEQUATE VENTILATION	\$1000.00
RULE 1- 7	FAILED TO OBTAIN CERTIFICATE OF FITNESS	\$1000.00
RULE 2- 5	FAIL TO PROVIDE/MAINTAIN ELECTRIC EQUIP.	\$1000.00

G22A-NOV
REV. PAGE 1
SELF

SEE REVERSE SIDE FOR INSTRUCTIONS

PROTECT YOUR RIGHTS: READ THIS INFORMATION

YOU ARE REQUIRED TO RESPOND TO THIS NOTICE OF VIOLATION

General Instructions

1. **HEARING:** You must appear for the hearing scheduled, either in person or by attorney or other authorized representative (who need not be an attorney). The hearing is your opportunity to answer and defend the allegations made in the Notice of Violation. You should come fully prepared for the hearing. You have the right to bring witnesses and other evidence, including evidence of actions taken to correct any condition charged. If you fail to appear for a scheduled hearing, a default order will be issued including penalties up to the maximum permitted by law.
2. **SETTLEMENT BY STIPULATION:** Certain violations can be resolved by mail through a stipulation. Settlement by stipulation does not require your attending a hearing. See page 2 to determine if you are being offered a chance to settle by stipulation. If you wish to accept the terms offered, complete page 2, the stipulation, and return it to the Environmental Control Board. The executed stipulation, with payment, must be returned to the Environmental Control Board before the hearing date. If you file late you must attend the scheduled hearing or you may be defaulted. If you are not offered a stipulation, you must appear for the hearing.
3. **REMEDIAL ACTION:** Because severe penalties can be imposed for the continuation of the violation, you should immediately correct all conditions that led to the Notice of Violation. Correcting conditions after a Notice of Violation has been issued may be considered in mitigating the amount of the penalty, but it does not eliminate any violation that existed on the date charged.

ADDITIONAL INSTRUCTIONS FOR BUILDING AND FIRE VIOLATIONS

4. **CERTIFICATION OF CORRECTION (CURE):** THIS FORM IS A COPY OF AN ORIGINAL NOTICE OF VIOLATION WHICH HAS ALREADY BEEN SERVED ON YOU OR DELIVERED TO YOUR EMPLOYEE AT THE LOCATION WHERE THE VIOLATION OCCURRED. THE ORIGINAL NOTICE CONTAINS ADDITIONAL INSTRUCTIONS TO YOU FROM THE PETITIONER (THE AGENCY WHICH ISSUED THIS NOTICE OF VIOLATION). It will also contain a Commissioner's order to correct the violation AND MAY PERMIT YOU TO CERTIFY SUCH CORRECTION AND AVOID AN APPEARANCE AT THE ENVIRONMENTAL CONTROL BOARD.

READ THE ORIGINAL NOTICE CAREFULLY

IF YOU HAVE BEEN OFFERED SUCH OPPORTUNITY TO CERTIFY CORRECTION, completed certification forms and all questions concerning procedures should be directed to the petitioner's office as indicated below:

FIRE DEPARTMENT
Enforcement Unit
250 Livingston Street
Brooklyn, New York 11201
Tel.# (718) 403-1372

BUILDINGS DEPARTMENT
Administrative Enforcement Unit
60 Hudson Street - 14th Floor
New York, New York 10013
Tel.# (212) 312-8400

NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**STIPULATION OFFER FROM
PETITIONER**

VIOLATION NUMBER: 103-190-79R
INSTALLATION NUMBER: 950197700

MAILING DATE: 07/19/95

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 08/08/95
TIME: 01:30 P.M.

STPF 103-190-79R S

300505H
DEPT OF HIGHWAYS 841
448 HAMILTON AVE
BROOKLYN NY 11232-1015

NO STIPULATION OFFERED.

G22C-STIP-OFFER
REV. PAGE 2
SELF

SEE REVERSE SIDE FOR INSTRUCTIONS

STIPULATION ACCEPTANCE BY RESPONDENT

As, or on behalf of, the Respondent, I admit all material facts of the violation and wish to settle by stipulation without further hearing. I accept the stipulation terms offered by Petitioner on the reverse side of this page.

Signature

Capacity

Print Name

INSTRUCTIONS:

1. Make no changes. The stipulation will be void if you alter the terms. If you desire any changes, you must attend the hearing.
2. Sign in the area marked "Signature". Print your name below the signature, and the signer's title or capacity beside the signature. If you want a file copy, please make one on a copier.
3. Include check or money order for the total stipulated penalty amount as indicated in the stipulation payable to "Finance Commissioner, City of New York". To help assure that payment is properly credited, please write the violation number on the face of your check or money order.
4. Mail the executed stipulation and your payment to:

Environmental Control Board
Attn: Stipulation Desk
P.O. Box JAF 1443
New York, New York 10116

5. Remember, the stipulation must be received five days before the hearing date. If you do not accept the terms and return the properly executed stipulation and payment before this date, you must attend the scheduled hearing at the Environmental Control Board.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

A-10(D) (1/91) 72-910143-117-P

BATTALION _____

D.O. 26

D 55521

To 458 HAMILTON, AVE BROOKLYN ADDRESS
COMM'Y TYPE OF OCCUPANCY
D.O.T ASPHALT FACILITY NAME OF OWNER, LEASEE, OCCUPANT, ETC.
08015364 ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	DISCONTINUE THE TRANSPORTATION OF OXYGEN/ACETYLENE BOTTLES ON UN PERMITTED TRUCKS. TRUCK # 1336 NY-A4998 T27-4101.2.

115 Bedford St.
E New York + Atlantic

Grady or Insp Golub

235- 2821
2917
2941

te, A SUMMONS will be served for

HOWARD SAFIR
Charles W. Fidda

Fire Commissioner

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

This is to certify that I have made an inspection of said premises and have issued the above order to:

TOM SIANO PLANT MANAGER
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
RAY FORBES 6/7/98 BULK OIL
INSPECTOR DATE UNIT

Unit Address 250 Livingston St Brooklyn Unit Telephone (718) 694-2555
11201



21210 F

FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Date 04/06/94

Account No. 06963326

District Office 10

Admin. Co. E239

Premises/
(propiedad) 480 HAMILTON AVE
Brooklyn, NY 11232

SERVICE STATION # 6
BLDG REP BUR
480 HAMILTON AVE
BROOKLYN, NY 11232

To Whom it May Concern:

The New York City Fire Department has made several attempts to inspect the premises listed above relative to the required Fire Department Permit. Each time a notice was left requesting a call to schedule an appointment. To date we have not heard from you. The purpose of this inspection is to protect your safety, and the safety of others. For example, as part of an oil burner inspection, the Fire Department checks that safety switches and shut-off valves are in working order, and are properly located.

An inspection appointment should be made by calling your local District Office at the number listed below, Monday through Friday between the hours of 9:00 AM and 3:00 PM.

Please be advised that payments should **NEVER** be made to an inspector. All payments should be made via mail, or in person at Fire Department Headquarters.

Your attention is called to the fact that operating or storing without a required permit makes you liable to a fine of \$500.00, imprisonment for six (6) months, or both.

The Fire Department may commence appropriate criminal and civil enforcement action if we do not hear from you. Such enforcement action may result in the imposition of fines for failing to have a permit and/or the issuance of a search warrant which would allow Fire Department inspectors to enter your building without your consent between the hours of 6:00 AM and 9:00 PM. Please give this matter your prompt attention. The safety of yourself, your family, and other depends on it.

FOR INSPECTION CALL :
(718) 694-2450

**

Very truly yours,

Ralph R. Palmer
Chief of Fire Prevention

(Vea al otro lado para traduccion en español)



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

A quien pueda interesar:

El Departamento de Bomberos de la Ciudad de Nueva York ha intentado en varias ocasiones inspeccionar la propiedad arriba mencionada con relación al permiso requerido por el Departamento de Bomberos. En cada ocasión se dejó un aviso pidiéndole a usted que llamara por teléfono para hacer una cita. Hasta el momento no hemos recibido respuesta de usted. El propósito de esta inspección es proteger su seguridad y la seguridad de otros. Por ejemplo, como parte de una inspección de los sistemas de calefacción, el Departamento de Bomberos examina los interruptores de emergencia y las válvulas para apagar el sistema a fin de verificar que están funcionando y que están bien colocados.

Para hacer una cita para la inspección de su propiedad llame a la Oficina de Distrito de su localidad al número de teléfono que aparece en el listado, de lunes a viernes entre las horas de 9:00 AM y 3:00 PM.

Por favor, se le advierte que **NO** debe hacer ningún pago al inspector que hace el servicio. Todos los pagos se deben hacer por correo o en persona en las oficinas del Departamento de Bomberos.

Se le advierte también que el operar o almacenar sin el permiso requerido lo expone a recibir una multa de \$500.00, o a cumplir una pena de cárcel de seis (6) meses o ambas.

El Departamento de Bomberos puede iniciar un procedimiento legal de acusación civil o criminal para obligarle a cumplir con la ley si usted no responde a esta carta. La ejecución de esta ley puede resultar en la imposición de multas por falta del permiso y la emisión de una orden de allanamiento que les permita a los inspectores del Departamento de Bomberos entrar en el edificio de usted sin su consentimiento entre las horas de 6:00 AM y 9:00 PM. Por favor, préstele su inmediata atención a este asunto. La seguridad de usted, su familia y otros dependen de ello.

Atentamente,

Ralph R. Palmer

Jefe de la Oficina de Prevención de Incendios

(See other side for English)

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 N ^o 1 2254

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DD-T, ASPHALT FACILITY
Address: 448 Hamilton Ave
City and State: BROOKLYN, NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>Ray Forbes</u>	
Name: <u>RAY FORBES</u>	
Date: <u>4-17-95</u>	Time: <u>10:00 AM</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>921</u>	<u>4-17-95</u>	<u>9:00</u>	<u>10:00</u>	<u>1 hr</u>	<u>\$210</u>	<u>REINSPECTION ON V.O. #D36043, D55501-2-3-5</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$210

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	543 —occupancy: less than 75	\$ 310.
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
Siamese connection inspection:		870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	546 —for each occupancy within a facility	\$ 210.
923 —per initial siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
924 —per additional siamese connection (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		548 Sports arenas, stadiums (per hour)	\$ 210.
901 To refine or distill (per site) (per hour)	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
Major construction at bulk storage sites, including fire protection systems (per project):		884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		549 —occupancy: less than 75	\$ 310.
925 —actual hours at site (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	550 —occupancy: 75 to 149	\$ 415.
928 Underground Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	552 —occupancy: 150 to 499	\$ 520.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		553 —occupancy: 500 to 999	\$ 625.
BURIED TANKS		858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
025 Site inspection	\$ 105.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
026 Discharge lines inspection (per site)	\$ 365.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	Per magazine with electric alarm:		551 —open flame permit	\$ 210.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.			Per magazine without electric alarm:		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
028 Tank inspection (per site)	\$ 355.			244 —initial inspection (per hour)		654 To monitor special-effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			245 —subsequent inspection (per hour)		REINSPECTIONS	
Review and inspection during the time of new tank installation:						999 All Reinspections (per hour)	\$ 210.
031 —with discharge lines	\$ 1,385.						
032 —without discharge lines	\$ 1,180.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 No 1 2254

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DD-T. ASPHALT FACILITY
Address: 448 HAMILTON AVE
City and State: BROOKLYN, NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>Ray Forbes</u>	
Name: <u>RAY FORBES</u>	
Date: <u>4-17-95</u> Time: <u>10:00 AM</u>	

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>APCA</u>	<u>4-17-95</u>	<u>9:00</u>	<u>10:00</u>	<u>1HR</u>	<u>\$210</u>	<u>REINSPECTION ON V.O. #D36043, D55501-2-3.5</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$210

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		Rangehood System—Electrical—		PLACES OF PUBLIC ASSEMBLY	
Equivalent unit of storage =(1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 Siamese connection inspection: —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour)	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	548 Sports arenas, stadiums (per hour)	\$ 210.
928 Underground Piping (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		549 —occupancy: less than 75	\$ 310.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	550 —occupancy: 75 to 149	\$ 415.
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	552 —occupancy: 150 to 499	\$ 520.
025 Site inspection	\$ 105.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		553 —occupancy: 500 to 999	\$ 625.
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028 Tank inspection (per site)	\$ 355.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	Per magazine without electric alarm:		551 —open flame permit	\$ 210.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			244 —initial inspection (per hour)	\$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
031 —with discharge lines	\$ 1,385.			245 —subsequent inspection (per hour)	\$ 210.	654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Date April 3, 1995

Any reply refer to-
Bulk Oil Storage Unit
Room #518, Tele.# 718-694-2554
F.D. Acct.# 08015364

Bureau of Highways - Asphalt Plant
448 Hamilton Avenue
Brooklyn, NY 11232

Attn: Bill Slater
Terminal Manager

Re: Bulk Oil Storage Plant
2 Year Test Notice

Test Due May 1995

Sir:

Fire Department's records indicate that approximately (2) two years have passed, since the fire Protection systems have been tested, and you are hereby directed to arrange for the following test within (30) thirty days in order to avoid the issuance of a Fire Department violation order.

Arrange for a test of your facilities Fire Extinguishing Systems, test to be witnessed by a representative of this Department. If it is a foamite extinguishing system, an actual demonstration must show the system cable of delivering the proper amount of foam to the tank most remote from the source of supply, and an individual test of each tank with water flow. If a CO 2 System, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. All piping to be tested with a discharge of Nitrogen or compressed air into storage tanks. If steam, all lines to be tested with a discharge of same into all storage tanks.

cont'd.

NOTE:

1. Weighing scale to be provided by operator of Bulk Oil plant.
2. All equipment such as yard hydrants, water sprays on loading racks, monitor nozzles, tank overflow protection systems on tanks are required to be tested in addition to the tanks fire extinguishing system.
3. Test to be performed by a Bulk Oil Certificate of Fitness holder.

Very truly yours,.....

6



CHIEF OF FIRE PREVENTION
Ralph R. Palmer

RRP

RRP/NJS/AP/fh

Rev. 5/94, 1/95 fh

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 No 1 2257

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT ASPHALT FACILITY
Address: 448 HAMILTON AVE
City and State: BROOKLYN NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>[Signature]</u>	
Name: <u>RAY FOLBES</u>	
Date: <u>2-16-95</u>	Time: <u>1:00 PM</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	2-16-95	12:30	1:30	1HR	\$210	REINSPECTION ON V.O.'s # D55501, D55502 & 55503

Total Due: \$210

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		RANGEHOOD SYSTEM—ELECTRICAL		PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.	241	To store and sell blasting caps (per hour) \$ 210.	865	Annual inspection \$ 70.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) \$ 210.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS		861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	Major construction at bulk storage sites, including fire protection systems (per project):	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	FIREWORKS		548	Sports arenas, stadiums (per hour) \$ 210.
928	—actual hours at site (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
929	—Underground Piping (per hour) \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		550	—occupancy: 75 to 149 \$ 415.
	Pressure Tests Tanks/Piping (per hour) \$ 210.	560	To use spray booths \$ 310.	890	Site inspection \$ 570.	552	—occupancy: 150 to 499 \$ 520.
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	553	—occupancy: 500 to 999 \$ 625.
025	Site inspection \$ 105.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	MAGAZINES		554	—occupancy: 1,000 to 2,499 \$ 725.
026	Discharge lines inspection (per site) \$ 365.	858	Rangehood Systems—Mechanical—Initial installation (per system) \$ 285.	242	Per magazine with electric alarm: —initial inspection (per hour) \$ 210.	555	—occupancy: 2,500 or greater \$ 830.
027	Dry chemical extinguishing system test—where installed (per system) \$ 750.	864	Rangehood System—Mechanical—Annual Inspection \$ 70.	243	—subsequent inspection (per hour) \$ 210.	551	—open flame permit \$ 210.
028	Tank inspection (per site) \$ 355.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	PER MAGAZINE WITHOUT ELECTRIC ALARM:		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
029	Reopen, modification or inspection of repaired tanks \$ 320.			244	—initial inspection (per hour) \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
031	Review and inspection during the time of new tank installation: —with discharge lines \$ 1,385.			245	—subsequent inspection (per hour) \$ 210.	REINSPECTIONS	
032	—without discharge lines \$ 1,180.					999	All Reinspections (per hour) \$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 N° 1 2346

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account Name: D.O.T. ASPHALT FACILITY
Address: 448 HAMILTON AVE
City and State: BROOKLYN, NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR: [Signature]
Badge No.: 311
Signature: [Signature]
Name: RAY FORBES
Date: 7/14/95
Time: 5:00 PM

PRINT EACH INSPECTION SEPARATELY

Table with columns: Type of Inspection (Item No.), Date, Start Time, End Time, Elapsed Time, Fee, Comments. Includes handwritten entry for hydro test on foam line.

Total Due: \$1260

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Large table listing various inspection items (e.g., BULK OIL STORAGE, EXPLOSIVES, FIRE ALARM SYSTEMS, FIRE SUPPRESSION SYSTEMS, FIREWORKS, HIGH RISE/HOTEL/MOTEL, MAGAZINES, PLACES OF PUBLIC ASSEMBLY) and their corresponding fees.

*Per hour charge is per inspector.

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STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

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Account

Name: D.O.T. ASPHALT FACILITY

Address: 448 HAMILTON AVE

City and State: BROOKLYN, NY

Authorized Signature: [Signature]

Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>[Signature]</u>	
Name: <u>KAY FORBES</u>	
Date: <u>7/14/97</u>	Time: <u>5:00 PM</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>925</u>	<u>7/14/95</u>	<u>11:00</u>	<u>5:00</u>	<u>6 HR</u>	<u>\$1260</u>	<u>HYDRO TEST ON FORM LINE</u>
						<u>HYDRO TEST ON PRODUCT</u>
						<u>LINE.</u>

Total Due: \$1260

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
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FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Date April 3, 1995

Any reply refer to-
Bulk Oil Storage Unit
Room #518, Tele.# 718-694-2554
F.D. Acct.# 08015364

Bureau of Highways - Asphalt Plant
448 Hamilton Avenue
Brooklyn, NY 11232

Attn: Bill Slater
Terminal Manager

Re: Bulk Oil Storage Plant
2 Year Test Notice

Test Due May 1995

Sir:

Fire Department's records indicate that approximately (2) two years have passed, since the fire Protection systems have been tested, and you are hereby directed to arrange for the following test within (30) thirty days in order to avoid the issuance of a Fire Department violation order.

Arrange for a test of your facilities Fire Extinguishing Systems, test to be witnessed by a representative of this Department. If it is a foamite extinguishing system, an actual demonstration must show the system cable of delivering the proper amount of foam to the tank most remote from the source of supply, and an individual test of each tank with water flow. If a CO 2 System, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. All piping to be tested with a discharge of Nitrogen or compressed air into storage tanks. If steam, all lines to be tested with a discharge of same into all storage tanks.

cont'd.

NOTE:

1. Weighing scale to be provided by operator of Bulk Oil plant.
2. All equipment such as yard hydrants, water sprays on loading racks, monitor nozzles, tank overflow protection systems on tanks are required to be tested in addition to the tanks fire extinguishing system.
3. Test to be performed by a Bulk Oil Certificate of Fitness holder.

Very truly yours,.....

6



CHIEF OF FIRE PREVENTION
Ralph R. Palmer

RRP

RRP/NJS/AP/fh

Rev. 5/94, 1/95 fh



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

BATTALION

A-10(D) (1/91) 72-91043-117

D.O. 26

VIOLATION ORDER

D 36043

To 448 HAMILTON Ave Brooklyn, NY
ADDRESS
NAME OF OWNER, LEASEE, OCCUPANT, ETC. DEPT of Transportation
Comm D 08015 364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1.	Post instructions for the manual operation of bypass valves for foam system. T27-4053 b.12
	2.	Identify clearly all pertinent valves in foam house. T27-4053 b.12
	3.	Remove all water and asphalt product from deck areas. T27-4053 b.12
SEP 15 1993		
V.O. RCD	DESK 25	

If this order has not been complied with in, 5 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL

9-13-93

Carlos M. Rivera
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater Plant manager
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
RAY FORBES 8/23/93 Bulk Oil
INSPECTOR DATE UNIT

Unit Address 250 Livingston St. Bklyn Unit Telephone (718) 403-1785



**New York City
Department of Transportation**

**Michael A. Weiss
Chief Administrative Officer/
Deputy Commissioner**
40 Worth Street
New York, New York 10013

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Tom Siano
Asphalt Plant

FROM: Carole Chirgwin, Director *CC*
DOT Safety and Health

SUBJECT: Fire Department Violation #10319079R

DATE: June 28, 1995

Attached please find the recently issued New York City Fire Department (FDNY) fire safety violation #10319079R for 448 Hamilton Avenue, Brooklyn, New York. The violations of Rules 1, 16, 17 and 25 should be remedied and the Certificate of Correction (on the back of the form) should be submitted to the FDNY once the asphalt plant construction is completed.

Please contact me at (212) 442-1963 if you want to discuss this violation, and send me a copy of all correspondence forwarded to the FDNY.

attachment

c: C/AO M. Weiss BBC J. Foulke, J. Lauer Barker, R. Murphy

Bureau of Administration

ENVIRONMENTAL CONTROL BOARD **NOTICE OF VIOLATION AND HEARING** **VIOLATION NO. 10319079 R**

Fire Commissioner of the City of New York, Petitioner vs Respondent:
NYC DEPT. OF FIRE ALARMS

Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)
 Street Number 449 Prefix _____ Street Name HAMILTON
 Type AVE Suffix _____ Zip Code 11212 Boro Code 4 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns
 AKA _____

Mailing Address (if different from premises address)
 Street Number _____ Prefix _____ Street Name _____
 Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns; 6=Out of City
 Add Info _____

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy).

The Certificate of Correction and all proof of compliance **MUST BE RECEIVED** by the Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 [TEL: 718-694-2392] by close of business on 7/27/95. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 08/09/95 at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.

REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

- Rule 1 Buckets and/or Fire Extinguishers**
Failed to provide 2 fire buckets filled with (sand/water) and/or approved, operative fire extinguishers at AT DISCREASE as required.
- Rule 2 Waste Receptacles**
Failed to provide _____ approved receptacles for waste at _____ as required.
- Rule 3 No Permit**
(Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
(Sold/Stored/Used/Manufactured/Transported) _____ of _____ in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
Failed to produce (permit/record) regarding _____ at _____ as required.
- Rule 6 Signs/Postings/Instructions**
Failed to provide (Signs/Postings/Instructions) for _____ at _____ as required.
- Rule 7 Labels/Marks/Stamps**
Failed to provide (Labels/Marks/Stamps) for _____ at _____ as required.
- Rule 8 Obstructions/Accumulations**
Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ from _____ as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
Failed to provide adequate (egress/aisle space/clearance) at _____ as required.
- Rule 10 Operating Contrary to C of O**
Operated _____ contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
Failed to maintain _____ in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
Failed to properly (provide/maintain) _____ system or part thereof as required. Describe below.
- Rule 13 Fire Retardant Material**
Failed to provide/maintain non-combustible material _____ at _____ or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ as required.
- Rule 15 Fireproof Partitions or Walls**
Failed to (provide/maintain) fireproof partitions or walls at _____ as required.
- Rule 16 Ventilation**
Failed to provide (approved vents/adequate ventilation) at PIPE COVER MISSING as required.
- Rule 17 Certificates of Fitness**
Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for DISCREASE/HONNIE MOTOR FUEL.
- Rule 18 Certificates of Approval/Qualification/License**
Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ as required.
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
Failed to provide for _____ from _____ as required.
- Rule 20 Test/Inspection**
Failed to conduct required (equipment/system) (test/inspection) of _____ as required.
- Rule 21 Containers**
Failed to provide approved containers for _____ as required.
- Rule 22 Tanks/Supports**
Failed to (provide/maintain) approved tanks/supports for _____ as required.
- Rule 23 Storage**
Failed to provide (vaults/cabinets/room/area) for the storage of _____ as required.
- Rule 24 Racks**
Failed to provide appropriate racks at _____ as required.
- Rule 25 Electrical Equipment**
Failed to (provide/protect/maintain) Remote Control electrical equipment as required.
- Rule 26 Approved Refrigeration/Heating Devices or Units**
Failed to (provide/protect/maintain) _____ (refrigeration/heating) devices as required.
- Rule 27 Approved Lighting Devices**
Failed to (provide/protect/maintain) _____ lighting devices as required. Specify type of protection required: _____
- Rule 28 Exposed Flames or Sparks**
(Unlawfully allowed/failed to protect) exposed flame or spark at _____ as required.
- Rule 29 Designated Areas**
Failed to (provide/maintain) designated area/premises for _____ as required.
- Rule 30 Fire Safety in Office Buildings/Hotels/Motels**
Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____
- Repeat Violation (§15-229)**
Failed to correct Rule(s) _____ as previously cited on NOV # _____ (Respondent must appear at the hearing.)
- False Certification (§15-220.1)**
Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
- Other Code Section/Rule** _____ Describe offense below.

Description of Violation: Rule 17 During filling station is in operation, pipes to be continually under the care and supervision of a person with certificate of fitness for such supervision obtain from Fire Dept.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above. See attached
All statements made herein are affirmed under penalty of perjury. Date of Offense: 04/06/95 Time: 11:10 a.m./p.m.

INSPECTOR'S SIGNATURE Alwood Alwood
PRINT NAME Alwood Alwood

Inspector's Tax Registry Number EC02194

CERTIFICATE OF CORRECTION

State of New York)
County of _____)

SS:

I _____, being duly sworn, depose and say that I am the respondent cited in the

PRINT YOUR NAME

Notice of Violation and that I admit the existence of the violations(s) described in the Notice of Violation.

Check one { I have corrected all said violations as ordered by the Commissioner.
or
 I have only corrected Rule Number(s) _____
and will attend hearing on scheduled date.

(The respondent certifies that *all* violations have been corrected if no box is checked.)

I have attached legible copies of any and all bills, receipts and other proof of correction to this certification as required.

SIGNATURE

(Sign only before a notary)

TO BE COMPLETED BY NOTARY

County of _____ Registration Number _____ SEAL

Sworn to before me this _____ day of _____ 19 _____ Notary Number _____

Signature of Notary _____ Commission Expires _____

The Fire Commissioner reserves the right to reject any Certificate of Correction that is incomplete. False certification is punishable by a fine of not less than \$1,000 nor more than \$5,000 and/or up to 6 months imprisonment pursuant to Administration Code Section 15-220.1

CERTIFICATION INSTRUCTIONS

For first offenses:

1. ALL offenders must correct the violation(s) cited on the NOTICE OF VIOLATION.
2. All offenders must complete the Certificate of Correction above and have it notarized. *Do not* detach above certificate from this page.
3. Attach legible copies of any and all bills, receipts and/or other proof of compliance to this Certificate of Correction (see correction requirements on reverse of green copy) and submit them along with this Certificate.
4. Return the completed Certificate of Correction with all appropriate documentation attached to the **Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884** by the close of business on the date indicated on the NOTICE OF VIOLATION for return of the certificate. (See reverse side for return date)
5. Respondents will be notified by mail if their Certificate of Correction has been disapproved and of the appropriate action to take to correct same.
6. If it is impossible to correct any or all violations within the time indicated, you may be eligible for a stipulation extending the time to correct. A request for a stipulation extending compliance time must be made at the hearing and is subject to the approval of the Fire Department and the ECB.
7. If you properly certify that ALL violations have been corrected, you will be excused from appearing at the scheduled ECB hearing and no penalty will be imposed.
8. If you fail to comply with (7) above or if you are a repeat offender, you will be required to attend the ECB hearing designated on the NOV and bring any and all proof of correction to the hearing.

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- ★ Manhattan/Bronx: 1250 Broadway, 7th Fl. (212) 971-3600
- ★ Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305

- ★ Queens: 96-05 Horace Harding Expressway—Main Floor (718) 595-4584
- ★ Staten Island: 350 St. Marks Place, 4th Fl., St. George, SI (212) 971-3600

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK	NOTICE OF VIOLATION AND HEARING	VIOLATION NO. <u>10319079R</u>
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SUPPLEMENTARY INFORMATION FORM

- Instructions:**
1. This page is **only** to be used if additional information is needed to explain the Rule Number or Section of Code in violation.
 2. Complete NOV before using this form.
 3. Distribution: Attach top copy to ECB copy of NOV; hand second copy to person served in the field; third copy for Department files.

Rule/Code Number

Rule #25 A Remote Control shall be provided outside of the dispensing device whereby the source of power may be readily disconnected in the event of fire or other accident. All controls shall 8895 be accessible located and legibly labeled.

I personally observed the commission of the offense(s) indicated on the attached Notice of Violation.
 All statements made herein are affirmed under penalty of perjury. Date of Offense 04/06/95. Time: 11:40 a.m./p.m.
 Inspector's Tax Registry Number 593094 INSPECTOR'S SIGNATURE Masood Ahmed

DISTRIBUTION

- 1—ECB copy 2—Respondent copy 3—Fire Department copy

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 No 1 2240

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §2740.29.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account Name: DOT
Address: 448 HAMILTON AVE
City and State: BROOKLYN, NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>Ray Forbes</u>	
Name: <u>RAY FORBES</u>	
(PLEASE PRINT)	
Date: <u>2-7-95</u>	Time: <u>12:00 pm</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>2-7-95</u>	<u>10:20</u>	<u>11:20</u>	<u>1HR</u>	<u>210</u>	<u>REINSPECTION ON V.O. #</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$210

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		Rangehood System—Electrical—		PLACES OF PUBLIC ASSEMBLY	
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour) \$ 210.		865 Annual Inspection \$ 70.		Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit \$ 70.		254 To use and/or store explosives—actual hours at site (per hour) . . . \$ 210.		860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) . . \$ 210.		543 —occupancy: less than 75 \$ 310.	
921 Fire protection system inspection (per hour) \$ 210.		FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.		544 —occupancy: 75 or more \$ 415.	
Siamese connection inspection:		870 Modified Class E Systems (in existing buildings) (per hour) . . . \$ 210.		862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.		545 —Each additional theatre in a complex \$ 120.	
923 —per initial siamese connection (per hour) \$ 210.		874 Full Class E Systems (in new buildings) (per hour) \$ 210.		863 Sprinkler Dry Valve Trip Test (per valve) \$ 515.		Major outdoor amusement facilities:	
924 —per additional siamese connection (per hour) \$ 210.		878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.		FIREWORKS		546 —for each occupancy within a facility \$ 210.	
901 To refine or distill (per site) (per hour) \$ 210.		882 Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.		285 To discharge at displays—actual hours at site (per hour) \$ 210.		547 Indoor skating rinks, bowling alleys, exhibition halls \$ 415.	
Major construction at bulk storage sites, including fire protection systems (per project):		884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.		HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour) \$ 210.	
925 —actual hours at site (per hour) . . \$ 210.		560 To use spray booths \$ 310.		890 Site inspection \$ 570.		549 —occupancy: less than 75 \$ 310.	
928 Underground Piping (per hour) . . \$ 210.		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam) \$ 445.		550 —occupancy: 75 to 149 \$ 415.	
929 Pressure Tests Tanks/Piping (per hour) \$ 210.		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.		MAGAZINES		552 —occupancy: 150 to 499 \$ 520.	
BURIED TANKS		858 Rangehood Systems—Mechanical—Initial installation (per system) \$ 285.		242 —initial inspection (per hour) . . . \$ 210.		553 —occupancy: 500 to 999 \$ 625.	
025 Site inspection \$ 105.		864 Rangehood System—Mechanical—Annual Inspection \$ 70.		243 —subsequent inspection (per hour) \$ 210.		554 —occupancy: 1,000 to 2,499 \$ 725.	
026 Discharge lines inspection (per site) \$ 365.		859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.		244 —initial inspection (per hour) . . . \$ 210.		555 —occupancy: 2,500 or greater . . . \$ 830.	
027 Dry chemical extinguishing system test—where installed (per system) \$ 750.				245 —subsequent inspection (per hour) \$ 210.		551 —open flame permit \$ 210.	
028 Tank inspection (per site) \$ 355.				REINSPECTIONS		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
029 Reopen, modification or inspection of repaired tanks \$ 320.				999 All Reinspections (per hour) \$ 210.		654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.	
031 —with discharge lines \$ 1,385.						REINSPECTIONS	
032 —without discharge lines \$ 1,180.						999 All Reinspections (per hour) \$ 210.	

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No **1 2240**

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Name: DOT
Address: 448 HAMILTON AVE
City and State: BROOKLYN, NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>Ray Forbes</u>	
Name: <u>RAY FORBES</u>	
Date: <u>2-7-95</u>	Time: <u>12:00 pm</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>2-7-95</u>	<u>10:20</u>	<u>11:20</u>	<u>1 HR</u>	<u>210</u>	<u>REINSPECTION ON V.O. #</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$210

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees	
BULK OIL STORAGE		EXPLOSIVES		RANGEROOD SYSTEMS		PLACES OF PUBLIC ASSEMBLY		
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:		
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour) ..	\$ 210.	866 Other Special Protective Systems—(Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) ..	\$ 210.	543 —occupancy: less than 75	\$ 310.	
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) ..	\$ 210.	544 —occupancy: 75 or more	\$ 415.	
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.	
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.	
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —occupancy: 1,000 to 2,499	\$ 725.	
925 —actual hours at site (per hour) ..	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.	
928 Underground Piping (per hour) ..	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour) ..	\$ 210.	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:		
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.	
025 Site inspection	\$ 105.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.	
026 Discharge lines inspection (per site)	\$ 365.	858 Rangehood Systems—Mechanical—Initial installation (per system) ..	\$ 285.	242 —initial inspection (per hour) ..	\$ 210.	552 —occupancy: 150 to 499	\$ 520.	
027 Dry chemical extinguishing system test—where installed (per system) ..	\$ 750.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour) ..	\$ 210.	553 —occupancy: 500 to 999	\$ 625.	
028 Tank inspection (per site)	\$ 355.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	Per magazine without electric alarm:		554 —occupancy: 1,000 to 2,499	\$ 725.	
029 Reopen, modification or inspection of repaired tanks	\$ 320.			244 —initial inspection (per hour) ..	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.	
031 —with discharge lines	\$ 1,385.			Per magazine with electric alarm:		551 —open flame permit	\$ 210.	
032 —without discharge lines	\$ 1,180.			242 —initial inspection (per hour) ..	\$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS		
				243 —subsequent inspection (per hour) ..	\$ 210.	654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)		\$ 210.
				244 —initial inspection (per hour) ..	\$ 210.	REINSPECTIONS		
				245 —subsequent inspection (per hour) ..	\$ 210.	999 All Reinspections (per hour)		\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 1 2013

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Account
Name: DOT ASPHALT FACILITY
Address: 448 HAMILTON AVE
City and State: BROOKLYN NY
Authorized Signature: George O'Brien
Account/Folder No.: 08015364

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

INSPECTOR	Badge No.: <u>434</u>
Signature: <u>July Chappo</u>	
Name: <u>JULY CHAPPO</u>	
(PLEASE PRINT)	
Date: <u>07.07.94</u>	Time: <u>12:45</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	07.07.94	10:40	12:40	2HR	\$420.00	REINSPECTION ON V.D. # 36043, 38507, 38506
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$420.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		Rangehood System—Electrical—		PLACES OF PUBLIC ASSEMBLY	
920	Site inspection—per equivalent unit \$ 70.	241	To store and sell blasting caps (per hour) \$ 210.	865	Annual Inspection \$ 70.	543	—occupancy: less than 75 \$ 310.
921	Fire protection system inspection (per hour) \$ 210.	254	To use and/or store explosives—actual hours at site (per hour) .. \$ 210.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) .. \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Siamese connection inspection: —per initial siamese connection (per hour) \$ 210.	FIRE ALARM SYSTEMS		861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	—per additional siamese connection (per hour) \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	546	Major outdoor amusement facilities: —for each occupancy within a facility \$ 210.
901	To refine or distill (per site) (per hour) \$ 210.	874	Full Class E Systems (in new buildings) (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	547	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	Major construction at bulk storage sites, including fire protection systems (per project): —actual hours at site (per hour) . \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	548	Sports arenas, stadiums (per hour) \$ 210.
928	Underground Piping (per hour) . \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	886	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	549	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: —occupancy: less than 75 \$ 310.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	560	To use spray booths \$ 310.	FIREWORKS		550	—occupancy: 75 to 149 \$ 415.
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		285	To discharge at displays—actual hours at site (per hour) \$ 210.	552	—occupancy: 150 to 499 \$ 520.
025	Site inspection \$ 105.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL		553	—occupancy: 500 to 999 \$ 625.
026	Discharge lines inspection (per site) \$ 365.	858	Rangehood Systems—Mechanical—Initial installation (per system) \$ 285.	890	Site inspection \$ 570.	554	—occupancy: 1,000 to 2,499 \$ 725.
027	Dry chemical extinguishing system test—where installed (per system) \$ 750.	864	Rangehood System—Mechanical—Annual Inspection \$ 70.	894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	555	—occupancy: 2,500 or greater ... \$ 830.
028	Tank inspection (per site) \$ 355.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	MAGAZINES		551	—open flame permit \$ 210.
029	Reopen, modification or inspection of repaired tanks \$ 320.			Per magazine with electric alarm: —initial inspection (per hour) ... \$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS		
031	Review and inspection during the time of new tank installation: —with discharge lines \$ 1,385.			243	—subsequent inspection (per hour) \$ 210.	654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
032	—without discharge lines \$ 1,180.			Per magazine without electric alarm: —initial inspection (per hour) ... \$ 210.	REINSPECTIONS		
				244	—subsequent inspection (per hour) \$ 210.	999	All Reinspections (per hour) \$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 1 2013

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT AIRMAIL FACILITY
Address: 448 HAMILTON AVE
City and State: BROOKLYN NY
Authorized Signature: George O'Brien
Account/Folder No.: 08015364

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

INSPECTOR	Badge No.: <u>434</u>
Signature: <u>Judy Chappo</u>	
Name: <u>JUDY CHAPPO</u> (PLEASE PRINT)	
Date: <u>07.07.94</u>	Time: <u>12:45</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	07.07.94	10:40	12:40	2HR	\$420.00	REINSPECTION ON V.D. # 360Y3; 38507; 38506
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$420.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		RANGEROOD SYSTEM—ELECTRICAL		PLACES OF PUBLIC ASSEMBLY	
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
Siamese connection inspection:		870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
923 —per initial siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
924 —per additional siamese connection (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour)	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
Major construction at bulk storage sites, including fire protection systems (per project):		884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour)	\$ 210.
925 —actual hours at site (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
928 Underground Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.
BURIED TANKS		858 Rangerood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	552 —occupancy: 150 to 499	\$ 520.
025 Site inspection	\$ 105.	864 Rangerood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
026 Discharge lines inspection (per site)	\$ 365.	859 Rangerood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	Per magazine without electric alarm:		554 —occupancy: 1,000 to 2,499	\$ 725.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.			244 —initial inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
028 Tank inspection (per site)	\$ 355.			245 —subsequent inspection (per hour)	\$ 210.	551 —open flame permit	\$ 210.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			REINSPECTIONS			
Review and inspection during the time of new tank installation:				999 All Reinspections (per hour)		\$ 210.	
031 —with discharge lines	\$ 1,385.						
032 —without discharge lines	\$ 1,180.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

Item No	V.O. OR L/D. #	date	Contain	Result	Comment
1.	V.O. 51202.	2.24.94	Certificate of fitness	not done	✓
2	D 51201	2.24.94	a) Restore foam system (Recharge N ₂ Spt.)	done	
			b) Discontin. transfer oil and product	not done	
3	D36043	8.23.93	a) post instruction of manual operation	not done	✓
			b) identifying valves	not done	✓
			c) remove water and product from dyne area	done	
4.	D38506 + L/D from 09.04 93	10.20.93	a) Post notifying both oil Unit of any action and information of spillage	not done	✓
5.	D.38507 + L/D.	10.20.93	to provide spill control	not done	
6.	D.39647	01.25.94	a) Discontinue to usage of 10,000 gal. N ₂ oil tank	not done	
			b) remove water from dyne area	done	
			c) replace broken valve	done	
	L/D from 11/25/93		d) clean foam room	done	



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

1201 Asphalt Facility
448 Hamilton Ave.
Brooklyn, N.Y. 11231

NOTICE OF IMPENDING LIEN

Invoice No: 1-1864

Dear Sir/Madam:

Please be advised that as of 5.4.94 our records indicate your account payment of \$ 315.00 is delinquent. The past due amount is in excess of 60 days and represents inspection services rendered by the Bureau of Fire Prevention. Failure to remit payment within 15 days from receipt of this notice will result in the initiation of lien proceedings upon the premises pursuant to New York City Administrative Code C27-4029.1.

Checks are payable to New York City Fire Department and should be sent to:

New York City Fire Department
Bureau of Fire Prevention
Cashier's Office
250 Livingston Street - 4th Floor
Brooklyn, N.Y. 11201-5884

To ensure the avoidance of lien proceedings, forward a copy of this invoice with your full payment.

Please refer any questions regarding this matter to the Accounting Unit at (718) 694-2496.

Thank you,

Accounting Unit

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 1 1864

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account

DOT ASPHALT FACILITY

Address: 448 HAMILTON AVE

City and State: BROOKLYN, NY

Inspector Signature: [Signature]

Account/Folder No.: 08015364

INSPECTOR Badge No.: 311

Signature: [Signature]

Name: RAY FORBES

(PLEASE PRINT)

Date: 2/24/94

Time:

PRINT EACH INSPECTION SEPARATELY

Table with columns: Type of Inspection (Item No.), Date, Start Time, End Time, Elapsed Time, Fee, Comments. Row 1: 999, 2/24/94, 10:30, 12:00, 1 1/2, 315, R/I ON V.O. # D36043 D38506, D38507, D39648.

Total Due: \$315

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Large table listing various inspection items and fees. Categories include BULK OIL STORAGE, EXPLOSIVES, FIRE ALARM SYSTEMS, FIRE SUPPRESSION SYSTEMS, FIREWORKS, HIGH RISE/HOTEL/MOTEL, MAGAZINES, PLACES OF PUBLIC ASSEMBLY, THEATRICALS AND TELEVISION SPECIAL EFFECTS, and REINSPECTIONS.

Per hour charge is per Inspector.

- 1-White copy: Return with payment 2-Canary copy: Customer copy 3-Pink copy: Cashier copy 4-Goldenrod copy: Office copy

① BY PASS VALVE ON FOAM SYSTEM

② CERTIF. OF FIT.

③ REPORT ON SPILL

④ AVAILABLE SPILL EQUIP

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 1 1947

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account
Name: DEPT. OF TRANSPORTATION
Address: 448 HAMILTON AVE
City and State: BROOKLYN, NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>[Signature]</u>	
Name: <u>RAY FORBES</u> (PLEASE PRINT)	
Date: <u>5-20-94</u>	Time: _____

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
955	5-20-94	1:15	2:25	1HR	\$210	REINSPECTION ON V.O.# D36043 etc.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$210

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY		PLACES OF PUBLIC ASSEMBLY	
920	Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage) \$ 70.	241	To store and sell blasting caps (per hour) \$ 210.	865	Rangehood System—Electrical—Annual Inspection \$ 70.	543	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls: \$ 310.
921	Site inspection—per equivalent unit \$ 70.	254	To use and/or store explosives—actual hours at site (per hour) \$ 210.	860	Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) \$ 210.	544	—occupancy: 75 or more \$ 415.
923	Fire protection system inspection (per hour) \$ 210.	FIRE ALARM SYSTEMS		861	Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$ 210.	545	—Each additional theatre in a complex \$ 120.
924	Siamese connection inspection: \$ 210.	870	Modified Class E Systems (in existing buildings) (per hour) \$ 210.	862	Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour) \$ 210.	546	Major outdoor amusement facilities: \$ 210.
901	—per additional siamese connection (per hour) \$ 210.	874	Full Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	863	Sprinkler Dry Valve Trip Test (per valve) \$ 515.	547	—for each occupancy within a facility \$ 210.
901	—per additional siamese connection (per hour) \$ 210.	878	Modified Class E Systems (in existing buildings) with mixed occupancies (per hour) \$ 210.	FIREWORKS		548	Indoor skating rinks, bowling alleys, exhibition halls \$ 415.
925	To refine or distill (per site) (per hour) \$ 210.	882	Partial Class E Systems (in new buildings) on-going installation (per hour) \$ 210.	285	To discharge at displays—actual hours at site (per hour) \$ 210.	548	Sports arenas, stadiums (per hour) \$ 210.
928	Major construction at bulk storage sites, including fire protection systems (per project): \$ 210.	884	All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour) \$ 210.	HIGH RISE/HOTEL/MOTEL			Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers: \$ 310.
929	—actual hours at site (per hour) \$ 210.	560	To use spray booths \$ 310.	890	Site inspection \$ 570.	549	—occupancy: less than 75 \$ 310.
928	Underground Piping (per hour) \$ 210.	FIRE SUPPRESSION SYSTEMS		894	Fire Safety Director Exam (as required) (onsite exam) \$ 445.	550	—occupancy: 75 to 149 \$ 415.
929	Pressure Tests Tanks/Piping (per hour) \$ 210.	851	Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour) \$ 210.	MAGAZINES		552	—occupancy: 150 to 499 \$ 520.
BURIED TANKS		858	Rangehood Systems—Mechanical—Initial installation (per system) (per hour) \$ 210.	242	Per magazine with electric alarm: \$ 210.	553	—occupancy: 500 to 999 \$ 625.
025	Site inspection \$ 105.	864	Rangehood System—Mechanical—Annual Inspection \$ 70.	243	—subsequent inspection (per hour) \$ 210.	554	—occupancy: 1,000 to 2,499 \$ 725.
026	Discharge lines inspection (per site) \$ 365.	859	Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections) \$ 580.	244	Per magazine without electric alarm: \$ 210.	555	—occupancy: 2,500 or greater \$ 830.
027	Dry chemical extinguishing system test—where installed (per system) \$ 750.			245	—initial inspection (per hour) \$ 210.	551	—open flame permit \$ 210.
028	Tank inspection (per site) \$ 355.					THEATRICALS AND TELEVISION SPECIAL EFFECTS	
029	Reopen, modification or inspection of repaired tanks \$ 320.					654	To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour) \$ 210.
031	Review and inspection during the time of new tank installation: \$ 1,385.					REINSPECTIONS	
032	—with discharge lines \$ 1,180.					999	All Reinspections (per hour) \$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 1 1947

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account

Name: DEPT. OF TRANSPORTATION

Address: 448 HAMILTON AVE

City and State: BROOKLYN, NY

Authorized Signature: [Signature]

Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>[Signature]</u>	
Name: <u>MAY FORBES</u> (PLEASE PRINT)	
Date: <u>5-20-94</u>	Time: _____

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
955	5-20-94	1:15	2:15	1HR	\$210	REINSPECTION ON V.O.# D36043 etc.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$210

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 Siamese connection inspection: —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	—Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour)	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	548 Sports arenas, stadiums (per hour) Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
928 Underground Piping (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		549 —occupancy: less than 75	\$ 310.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	550 —occupancy: 75 to 149	\$ 415.
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	552 —occupancy: 150 to 499	\$ 520.
025 Site inspection	\$ 105.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		553 —occupancy: 500 to 999	\$ 625.
026 Discharge lines inspection (per site)	\$ 365.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
028 Tank inspection (per site)	\$ 355.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	REINSPECTIONS		551 —open flame permit	\$ 210.
029 Recopen, modification or inspection of repaired tanks	\$ 320.			Per magazine with electric alarm:		THEATRICALS AND TELEVISION SPECIAL EFFECTS	
Review and inspection during the time of new tank installation:				242 —initial inspection (per hour)	\$ 210.	654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	
031 —with discharge lines	\$ 1,385.			243 —subsequent inspection (per hour)	\$ 210.	\$ 210.	
032 —without discharge lines	\$ 1,180.			Per magazine without electric alarm:		REINSPECTIONS	
				244 —initial inspection (per hour)	\$ 210.	999 All Reinspections (per hour)	
				245 —subsequent inspection (per hour)	\$ 210.	\$ 210.	

*Per hour charge is per inspector.

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STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 No 1 1707

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account Name: D.O.T

Address: 448 Hamilton Ave

City and State: BROOKLYN, NY

Authorized Signature: [Signature]

Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>[Signature]</u>	
Name: <u>RAY FOR ASES</u>	
(PLEASE PRINT)	
Date: <u>8/5/93</u>	Time: _____

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
925	8/5/93	10 :30	11 :00	1/2 hr	105	R/E on L/D # 5/27/93

Total Due: \$105

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour) ..	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) ..	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) \$	210.	544 —occupancy: 75 or more	\$ 415.
Siamese connection inspection:		870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
923 —per initial siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
924 —per additional siamese connection (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):		882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour) ..	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	863 High Rise/Hotel/Motel		548 Sports arenas, stadiums (per hour) Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
928 Underground Piping (per hour) ..	\$ 210.	FIRE SUPPRESSION SYSTEMS		890 Site inspection	\$ 570.	549 —occupancy: less than 75	\$ 310.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	550 —occupancy: 75 to 149	\$ 415.
BURIED TANKS		858 Rangehood Systems—Mechanical—Initial installation (per system) ..	\$ 285.	MAGAZINES		552 —occupancy: 150 to 499	\$ 520.
025 Site inspection	\$ 105.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	242 —initial inspection (per hour) ...	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
026 Discharge lines inspection (per site)	\$ 365.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	243 —subsequent inspection (per hour) \$	210.	554 —occupancy: 1,000 to 2,499	\$ 725.
027 Dry chemical extinguishing system test—where installed (per system) ..	\$ 750.			244 —initial inspection (per hour) ...	\$ 210.	555 —occupancy: 2,500 or greater ..	\$ 830.
028 Tank inspection (per site)	\$ 355.			245 —subsequent inspection (per hour) \$	210.	551 —open flame permit	\$ 210.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			THEATRICALS AND TELEVISION SPECIAL EFFECTS			
Review and inspection during the time of new tank installation:				654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.		
031 —with discharge lines	\$ 1,385.			REINSPECTIONS			
032 —without discharge lines	\$ 1,180.			999 All Reinspections (per hour)	\$ 210.		

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 N^o1 1707

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account

Name: D.O.T

Address: 448 Hamilton Ave

City and State: BROOKLYN, NY

Authorized Signature: [Signature]

Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>[Signature]</u>	
Name: <u>RAY FORBES</u> (PLEASE PRINT)	
Date: <u>8/5/93</u>	Time: _____

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>925</u>	<u>8/5/93</u>	<u>10 :30</u>	<u>11 :00</u>	<u>1/2 hr</u>	<u>105</u>	<u>R/E on L/D of 5/27/93</u>
		:	:			
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		:	:			
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		:	:			

Total Due: \$105

**SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)**

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
901 To refine or distill (per site) (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
Major construction at bulk storage sites, including fire protection systems (per project):		882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour)	\$ 210.
928 Underground Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.
BURIED TANKS		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.
025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	552 —occupancy: 150 to 499	\$ 520.
026 Discharge lines inspection (per site)	\$ 365.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	244 —initial inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank inspection (per site)	\$ 355.			245 —subsequent inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
029 Reopen, modification or inspection of repaired tanks	\$ 320.					551 —open flame permit	\$ 210.
Review and inspection during the time of new tank installation:						THEATRICALS AND TELEVISION SPECIAL EFFECTS	
031 —with discharge lines	\$ 1,385.					654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

A-700 (7/88) 46-880636-R25

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER
9 No 4 10603

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account Name: D.D.T. BUREAU OF HIGHWAY OPERATIONS
Address: 448 HAMILTON AVE
City and State: BROOKLYN N.Y. 11232
Authorized Signature: [Signature]
Account/Folder No.: 0801536

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

INSPECTOR: [Signature] Badge No.: 401
Signature: [Signature]
Name: JEAN A. VITAL
(PLEASE PRINT)
Date: 5-27-93 Time: 02 HR

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	5-27-93	9:00	11:30	2 1/2	\$525.00	
		:	:	:		
		:	:	:		
		:	:	:		
		:	:	:		
		:	:	:		
		:	:	:		
		:	:	:		
		:	:	:		

Total Due: \$525.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fee	Item	Fee	Item No.	Fee
		BULK OIL STORAGE			
920	\$	Site inspection—per equivalent unit	\$ 70.		
921	\$	Fire protection system inspection (per hour)	\$ 210.		
923	\$	Siamese connection inspection: —per initial siamese connection (per hour)	\$ 210.		
924	\$	—per additional siamese connection (per hour)	\$ 210.		
901	\$	To refine or distill (per site) (per hour)	\$ 515.		
925	\$ 2	Major construction at bulk storage sites, including fire protection systems (per project): —actual hours at site (per hour)			
928	\$ 2	Underground Piping (per hour)			
929	\$ 2	Pressure Tests Tanks/Piping (per hour)			
		BURIED TANKS			
025	\$ 10	Site inspection			
026	\$ 36	Discharge lines inspection (per site)			
027	\$ 75	Dry chemical extinguishing system test—where installed (per system)			
028	\$ 355	Tank Inspection (per site)			
029	\$ 320	Reopen, modification or inspection of repaired tanks			
031	\$ 1,385	Review and inspection during the time of new tank installation: —with discharge lines			
032	\$ 1,180	—without discharge lines			
		PLACES OF PUBLIC ASSEMBLY			
		Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:			
		543 —occupancy: less than 75	\$ 310.		
		544 —occupancy: 75 or more	\$ 415.		
		545 —Each additional theatre in a complex	\$ 120.		
		Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.		
		546	\$ 210.		
		547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.		
		548 Sports arenas, stadiums (per hour)	\$ 210.		
		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:			
		549 —occupancy: less than 75	\$ 310.		
		550 —occupancy: 75 to 149	\$ 415.		
		552 —occupancy: 150 to 499	\$ 520.		
		553 —occupancy: 500 to 999	\$ 625.		
		554 —occupancy: 1,000 to 2,499	\$ 725.		
		555 —occupancy: 2,500 or greater	\$ 830.		
		551 —open flame permit	\$ 210.		
		THEATRICALS AND TELEVISION SPECIAL EFFECTS			
		654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.		
		REINSPECTIONS			
		999 All Reinspections (per hour)	\$ 210.		

6-855
373 5/27
11:40
BACK ON LINE
92653
93089
279-5000
AFA

*Per hour charge is per inspector.
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FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Page ()

Bulk Oil Storage Unit
Room #518, Tele.# (718)

Premises:

448 Hamilton Av
BUREAU OF HIGHWAYS
08015364

LETTER OF DEFECT

Sir: In order to avoid the issuance of a Fire Department Violation Order, the following items must be complied within 15 days:

- ITEM #1 REPAIR OR REPLACE DEFECTIVE SIAMESE CONNECTION FOR FOAMITE SYSTEM - OUTSIDE FOAM ROOM T 27-4053 B-12 check valve dripping
- ITEM #2 REHANG SIGN IDENTIFYING SIAMESE CONNECTION FOR FOAMITE SYSTEM T-27-4053 B-12
- ITEM #3 PROPERLY IDENTIFYING FIRE HOSE CABINET ON SIDE OF FOAM ROOM BUILDING T27-4053 B-12
- ITEM #4 PROPERLY COLOR CODE ~~SIAMESE~~ SIAMESE CONN. FOR FOAMITE CONNECTION 3 NC R87-02

John J. Hodgens Jr

John J. Hodgens
Chief of Fire Prevention

JJH/NJS/fh

MICHAEL DWYER DIRECTOR 718-788-4516
Name of Person Who received this order Title Telephone No.
212-506-7822

A. FEVERMAN 1/28/97
Inspector Date

Rev. 7/89, 2/90, 5/91, 11/9 fh



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Page ()

Bulk Oil Storage Unit
Room #518, Tele.# (718)

Premises:

448 HAMILTON AV
BUREAU OF HIGHWAYS
08015364

LETTER OF DEFECT

Sir: In order to avoid the issuance of a Fire Department Violation Order, the following items must be complied within 15 days:

- ITEM #1 REPAIR OR REPLACE DEFECTIVE SIAMESE CONNECTION FOR FOAMITE SYSTEM - OUTSIDE FOAM ROOM T 27-4053 B-12 check valve dripping
- ITEM #2 REHANG SIGN IDENTIFYING SIAMESE CONNECTION FOR FOAMITE SYSTEM. T-27-4053 B-12
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- ITEM #4 PROPERLY COLOR CODE SIAMESE CONN FOR FOAMITE CONNECTION 3 NC R 7-02

JOHN J HODGENS AF
John J. Hodgens
Chief of Fire Prevention

JJH/NJS/fh

<u>MICHAEL DWYER</u>	<u>DIRECTOR</u>	<u>718-788-4516</u>
Name of Person Who received this order	Title	Telephone No.

<u>A. FEVERMAN</u>	<u>1/28/92</u>
Inspector	Date

Rev. 7/89, 2/90, 5/91, 11/9 fh

* RECEIVE CONFIRMATION REPORT **

Journal No. : 002
Receiver : DOT FACIL. MAINT.
Transmitter : #1 ASPHALT PLANT
Date : May 3, 93 16:57
Time : 01:23
Mode : NORM
Document : 02 Pages
Result : O K



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Date: April 28, 1993

Any reply refer to-
Bulk Oil Storage Unit
Room #518, Tele.# (718) 403-1285
F.D. Acct.# 08015364

D.O.T., Bureau of Highway Operations
Asphalt Plant
448 Hamilton Avenue
Brooklyn, NY 11232

Subject: 2 Year Test
of the Fire Extinguishing
System.

We have arranged to witness a test of the Fire Extinguishing System installed on your premises on:

Thursday May 27, 1993 at 0900 Hrs. F.D. Units
1000 Hrs. Field Units

- NOTE:
- 1) Arrangements must be made to limit the amount of time the plants Fire Protection System is taken out of service and during this period, NO product is either to be removed VIA truck loading racks or by any other loading facility, OR accepted by either barge or pipeline deliveries. A specific unit, i.e., tank, truck rack, maybe returned to service following a witnessed satisfactory test the Fire Protection System, for the specific unit, has been completely restored.
 - 2) In order to confirm if the electrical portion of 2 year tests will be conducted on subject date/dates, contact the Bureau's Electrical unit at 718-403-1262 for any specific instructions.

Very truly yours,

John J. Hodgens
Chief of Fire Prevention

Rocky

JJH/NJS/fh

Rev. 6/91, 7/92 fh



New York City
 Department of Transportation
 40 Worth Street New York, N.Y. 10013
 Bureau of Highways



Lucius J. Riccio, Ph.D., P.E.
 Commissioner

Michael (Mic) Dwyer
 Director of Asphalt Operations
 212 566-7822 / 718 788-4516
 Fax 718 965-2930

Chris Anne Halpin, P.E.
 Deputy Commissioner /
 Chief Engineer

Facsimile Cover Sheet

To: Leo
 Company: Facilities Maintenance
 Phone: 718 793-7260
 Fax: 718 525-1662

From: MICHAEL (MIC) DWYER
 Bureau: DOT-DIR. ASPHALT OPERATIONS
 Phone: (718) 788-4516 or (212) 566-7822
 Fax: (718) 965-2930

Date: 5-3-93

Pages including this
 cover page: 2

Comments:

re: FDNY Inspection



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

BATTALION

D.O. 26

D 31326

HAMILTON Ave

To 448 HAMILTON Av

NYC DOT
NAME OF OWNER, LEASEE, OCCUPANT, ETC.

ASPHALT PLANT
TYPE OF OCCUPANCY

08015364
ACCOUNT NO.

ROOM NO. OR FLOOR

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
	01	ARRANGE FOR A BI-ANNUAL TEST OF THE PRESENT FIRE EXTINGUISHING SYSTEM IN THE PRESENCE OF A REPRESENTATIVE OF THIS DEPT. IF IT IS A FOAMITE EXTINGUISHER SYSTEM, AN ACTUAL DEMONSTRATION MUST SHOW THE SYSTEM CAPABLE OF DELIVERING THE PROPER AMOUNT OF FOAM TO THE TANK MOST REMOTE FROM THE SOURCE OF SUPPLY, AND AN INDIVIDUAL TEST OF EACH TANK WITH WATER FLOW. IF A CO ₂ SYSTEM THE CYLINDER MUST BE DISCONNECTED AND WEIGHED IN THE PRESENCE OF A FIRE DEPARTMENT REPRESENTATIVE. ALL PIPING TO BE TESTED WITH A DISCHARGE OF NITROGEN OR COMPRESSED AIR INTO STORAGE TANKS

If this order has not been complied with in, 10 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

THIS ORDER ISSUED WITH VO # 31327

Carlos M. Rivera

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater CH 60982537 PLANT MANAGER 718-788-4816
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
A FEUERMAN 4/27/93 BULK OIL
 INSPECTOR DATE UNIT

Unit Address 250 Livingston St Unit Telephone 718-403-1285



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

BATTALION _____

HAMILTON AV

D.O. 26

VIOLATION ORDER

D 31327

To 448 HAMILTON AV

N.Y.C. DOT.

ADDRESS

NAME OF OWNER, LEASEE, OCCUPANT, ETC.

ASPHALT PLANT

08015364

ROOM NO. OR FLOOR

TYPE OF OCCUPANCY

ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		NOTE: WEIGHING SCALE TO BE PROVIDED BY OPERATOR OF BULK PLANT.
	02	ALL EQUIPMENT SUCH AS YARD HYDRANTS, WATER SPRAYS ON LOADING RACKS, MONITOR NOZZLES AND WATER COOLING SYSTEMS ON TANKS ARE REQUIRED TO BE TESTED IN ADDITION TO TEST OF TANK FIRE EXTINGUISHING SYSTEM T 27-4053 3 RCNY § 7-01
		THIS ORDER ISSUED WITH VO# 31326

If this order has not been complied with in, 20 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Carlos M. Rivera

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

WILLIAM SLATER ^{2/F 60982537} TERMINAL MANAGER 718-788-4516
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
A. FEUERMAN 4/27/93 BULK OIL
 INSPECTOR DATE UNIT

Unit Address 250 Livingstone St Unit Telephone 718-403-1285

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 1 1613

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 403-1305

Account
Name: N.Y.C. BUREAU OF HIGHWAYS DOT
Address: 448 HAMILTON AV
City and State: BKLYN
Authorized Signature: [Signature]
Account/Folder No.: 08015364

INSPECTOR	Badge No.: <u>434</u>
Signature: <u>[Signature]</u>	
Name: <u>ARTHUR FEUERMAN</u> (PLEASE PRINT)	
Date: <u>4/27/93</u>	Time: _____

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
925	4/27/93	14:15	14:45	30	105	
<p><i>No Fee N.Y.C. PROPERTY</i></p>						
Total Due: 105						

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees	
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY				
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:		
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour) ..	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) ..	\$ 210.	543 —occupancy: less than 75	\$ 310.	
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) ..	\$ 210.	544 —occupancy: 75 or more	\$ 415.	
923 —per additional siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.	
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:		
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS				
925 —actual hours at site (per hour) ..	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	546 —for each occupancy within a facility	\$ 210.	
928 —Underground Piping (per hour) ..	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL				
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.	
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	548 Sports arenas, stadiums (per hour) Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:		
025 Site inspection	\$ 105.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES				
026 Discharge lines inspection (per site)	\$ 365.	858 Rangehood Systems—Mechanical—Initial installation (per system) ..	\$ 285.	Per magazine with electric alarm:		549 —occupancy: less than 75	\$ 310.	
027 Dry chemical extinguishing system test—where installed (per system) ..	\$ 750.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	242 —initial inspection (per hour) ..	\$ 210.	550 —occupancy: 75 to 149	\$ 415.	
028 Tank inspection (per site)	\$ 355.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	243 —subsequent inspection (per hour) ..	\$ 210.	552 —occupancy: 150 to 499	\$ 520.	
029 Reopen, modification or inspection of repaired tanks	\$ 320.			Per magazine without electric alarm:		553 —occupancy: 500 to 999	\$ 625.	
Review and inspection during the time of new tank installation:				244 —initial inspection (per hour) ..	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.	
031 —with discharge lines	\$ 1,385.			245 —subsequent inspection (per hour) ..	\$ 210.	555 —occupancy: 2,500 or greater ..	\$ 830.	
032 —without discharge lines	\$ 1,180.			THEATRICALS AND TELEVISION SPECIAL EFFECTS				
				654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)				\$ 210.
				REINSPECTIONS				
				999 All Reinspections (per hour)				\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

CERTIFICATE OF CORRECTION

State of New York)
County of _____) ss:

I _____, being duly sworn, depose and say that I am the respondent cited in the

PRINT YOUR NAME

Notice of Violation and that I admit the existence of the violation(s) described in the Notice of Violation.

Check one { I have corrected all said violations as ordered by the Commissioner
or

I have only corrected Rule Number(s) _____
and will attend hearing on scheduled date.

(The respondent certifies that *all* violations have been corrected if no box is checked.)

I have attached legible copies of any and all bills, receipts and other proof of correction to this certification as required.

SIGNATURE

(Sign only before a notary)

TO BE COMPLETED BY NOTARY

County of _____ Registration Number _____

SEAL

Sworn to before me this _____ day of _____ 19_____ Notary Number _____

Signature of Notary _____ Commission Expires _____

The Fire Commissioner reserves the right to reject any Certificate of Correction that is incomplete. False certification is punishable by a fine of not less than \$1,000 nor more than \$5,000 and/or up to 6 months imprisonment pursuant to Administration Code Section 15-220.1

CERTIFICATION INSTRUCTIONS

For first offenses:

1. ALL offenders must correct the violation(s) cited on the NOTICE OF VIOLATION.
2. All offenders must complete the Certificate of Correction above and have it notarized. *Do not* detach above certificate from this page.
3. Attach legible copies of any and all bills, receipts and/or other proof of compliance to this Certificate of Correction (see correction requirements on reverse of green copy) and submit them along with this Certificate.
4. Return the completed Certificate of Correction with all appropriate documentation attached to the Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 by the close of business on the date indicated on the NOTICE OF VIOLATION for return of the certificate. (See reverse side for return date)
5. Respondents will be notified by mail if their Certificate of Correction has been disapproved and of the appropriate action to take to correct same.
6. If it is impossible to correct any or all violations within the time indicated, you may be eligible for a stipulation extending the time to correct. A request for a stipulation extending compliance time must be made at the hearing and is subject to the approval of the Fire Department and the Environmental Control Board. (ECB).
7. If you properly certify that ALL violations have been corrected, you will be excused from appearing at the scheduled ECB hearing and no penalty will be imposed.
8. If you fail to comply with (7) above or if you are a repeat offender, you will be required to attend the ECB hearing designated on the NOV and bring any and all proof of correction to the hearing.

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK	NOTICE OF VIOLATION AND HEARING	VIOLATION NO. 10260885 H
Fire Commissioner of the City of New York, Petitioner vs Respondent: <u>BUREAU OF HIGHWAYS</u>		
Respondent is: <input type="checkbox"/> owner <input type="checkbox"/> managing agent <input type="checkbox"/> tenant <input checked="" type="checkbox"/> city agency <input type="checkbox"/> daycare center		
Place of Occurrence (Premises Address)		
Street Number <u>426-448</u> Prefix _____ Street Name <u>HAMILTON</u>		
Type <u>AVE</u> Suffix _____ Zip Code <u>11232</u> Boro Code <u>04</u> 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns		
AKA <u>BROOKLYN ASPHALT PLANT</u>		
Mailing Address (if different from premises address)		
Street Number _____ Prefix _____ Street Name _____		
Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns; 6=Out of City		
Add Info _____		

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy). The Certificate of Correction and all proof of compliance **MUST BE RECEIVED** by the Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 [TEL 718-403-1372] by close of business on 12/31/13. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 1/17/14 at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.

REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

- | | |
|---|--|
| <p>Rule 1 Buckets and/or Fire Extinguishers
<input type="checkbox"/> Failed to provide _____ NUMBER fire buckets filled with (sand/water) and/or _____ NUMBER approved, operative fire extinguishers at _____ LOCATION as required.</p> <p>Rule 2 Waste Receptacles
<input type="checkbox"/> Failed to provide _____ NUMBER approved receptacles for waste at _____ LOCATION as required.</p> <p>Rule 3 No Permit
<input type="checkbox"/> (Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.</p> <p>Rule 4 Quantities in Excess of Permit
<input type="checkbox"/> (Sold/Stored/Used/Manufactured/Transported) _____ AMOUNT of _____ PRODUCT in excess of amount stated on permit.</p> <p>Rule 5 Produce Permit and/or Record
<input type="checkbox"/> Failed to produce (permit/record) regarding _____ DESCRIPTION at _____ LOCATION as required.</p> <p>Rule 6 Signs/Postings/Instructions
<input type="checkbox"/> Failed to provide (Signs/Postings/Instructions) for _____ at _____ LOCATION as required.</p> <p>Rule 7 Labels/Marks/Stamps
<input type="checkbox"/> Failed to provide (Labels/Marks/Stamps) for _____ at _____ LOCATION as required.</p> <p>Rule 8 Obstructions/Accumulations
<input type="checkbox"/> Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ TYPE from _____ LOCATION as required.</p> <p>Rule 9 Adequate Egress/Aisle Space/Clearance
<input type="checkbox"/> Failed to provide adequate (egress/aisle space/clearance) at _____ LOCATION as required.</p> <p>Rule 10 Operating Contrary to C of O
<input type="checkbox"/> Operated _____ SPECIFY contrary to the certificate of occupancy.</p> <p>Rule 11 General Maintenance
<input type="checkbox"/> Failed to maintain _____ SPECIFY in a proper condition as required.</p> <p>Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems
<input type="checkbox"/> Failed to properly (provide/maintain) _____ SPECIFY system or part thereof as required. Describe below.</p> <p>Rule 13 Fire Retardant Material
<input type="checkbox"/> Failed to provide/maintain non-combustible material _____ SPECIFY ITEM at _____ LOCATION or provide affidavit that combustible material has been treated with flame retardant as required.</p> <p>Rule 14 Fireproof Doors/Windows
<input type="checkbox"/> Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ LOCATION as required.</p> <p>Rule 15 Fireproof Partitions or Walls
<input type="checkbox"/> Failed to (provide/maintain) fireproof partitions or walls at _____ LOCATION as required.</p> <p>Rule 16 Ventilation
<input checked="" type="checkbox"/> Failed to provide (approved vents/adequate ventilation) at <u>FOUR (4)</u> <u>NOS. BURIED TANKS</u> LOCATION as required.</p> | <p>Rule 17 Certificates of Fitness
<input type="checkbox"/> Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for _____ SPECIFY as required.</p> <p>Rule 18 Certificates of Approval/Qualification/License
<input type="checkbox"/> Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ SPECIFY as required.</p> <p>Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications
<input type="checkbox"/> Failed to provide for _____ SPECIFY from _____ SIGNATORY as required.</p> <p>Rule 20 Test/Inspection
<input type="checkbox"/> Failed to conduct required (equipment/system) (test/inspection) of _____ SPECIFY as required.</p> <p>Rule 21 Containers
<input type="checkbox"/> Failed to provide approved containers for _____ SPECIFY as required.</p> <p>Rule 22 Tanks/Supports
<input type="checkbox"/> Failed to (provide/maintain) approved tanks/supports for _____ SPECIFY as required.</p> <p>Rule 23 Storage
<input type="checkbox"/> Failed to provide (vaults/cabinets/room/area) for the storage of _____ SPECIFY as required.</p> <p>Rule 24 Racks
<input type="checkbox"/> Failed to provide appropriate racks at _____ LOCATION as required.</p> <p>Rule 25 Electrical Equipment
<input type="checkbox"/> Failed to (provide/protect/maintain) _____ TYPE electrical equipment as required.</p> <p>Rule 26 Approved Refrigeration/Heating Devices or Units
<input type="checkbox"/> Failed to (provide/protect/maintain) _____ TYPE (refrigeration/heating) devices as required.</p> <p>Rule 27 Approved Lighting Devices
<input type="checkbox"/> Failed to (provide/protect/maintain) _____ TYPE lighting devices as required. Specify type of protection required: _____</p> <p>Rule 28 Exposed Flames or Sparks
<input type="checkbox"/> (Unlawfully allowed/failed to protect) exposed flame or spark at _____ LOCATION as required.</p> <p>Rule 29 Designated Areas
<input type="checkbox"/> Failed to (provide/maintain) designated area/premises for _____ SPECIFY as required.</p> <p>Rule 30 Fire Safety in Office Buildings/Hotels/Motels
<input type="checkbox"/> Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____</p> <p>Repeat Violation (§15-229)
<input type="checkbox"/> Failed to correct Rule(s) _____ SPECIFY as previously cited on NOV # _____ (Respondent must appear at the hearing.)</p> <p>False Certification (§15-220.1)
<input type="checkbox"/> Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
<input type="checkbox"/> Other Code Section/Rule _____ SPECIFY SECTION Describe offense below.</p> |
|---|--|

Description of Violation: Rule #16. PROVIDE THAT VENT PIPES BE CAPPED WITH A DOUBLE GOOSENECK, CONE OR HOOD AND BE PROVIDED WITH A SCREEN MADE OF TWO (2) THICKNESSES OF 20 MESH BRASS WIRE GAUGE, PLACE BEHIND THE CAP

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above. All statements made herein are affirmed under penalty of perjury. Date of Offense: 10/26/13 Time: 2:45 a.m./p.m.

INSPECTOR'S SIGNATURE Masood Ahmed
PRINT NAME MASOOD AHMED

Inspector's Tax Registry Number 593094

CERTIFICATE OF CORRECTION (COMPLETE REVERSE SIDE)

RESPONDENT'S COPY

ENVIRONMENTAL CONTROL BOARD **NOTICE OF VIOLATION AND HEARING** **VIOLATION NO. 10319079 F**



Fire Commissioner of the City of New York, Petitioner vs Respondent:
NYC DEPT. OF HIGHWAYS

Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)

Street Number 448 Prefix Street Name HAMILTON

Type AVE Suffix Zip Code 11232 Boro Code 04 1=Man; 2=Bx; 3=St; 4=Bklyn; 5=Qns

AKA

Mailing Address (if different from premises address)

Street Number Prefix Street Name

Type Suffix Zip Code Boro Code 1=Man; 2=Bx; 3=St; 4=Bklyn; 5=Qns; 6=Out of City

Add Info

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy).

The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 [TEL 718-694-2392] by close of business on 7/29/95. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 8/8/95 at 8:30am, 10:30am, 1:30pm, or 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.

REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

- Rule 1 Buckets and/or Fire Extinguishers**
Failed to provide fire buckets filled with (sand/water) and/or 2 approved, operative fire extinguishers at AT DISPENSE as required.
- Rule 2 Waste Receptacles**
Failed to provide approved receptacles for waste at as required.
- Rule 3 No Permit**
(Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
(Sold/Stored/Used/Manufactured/Transported) of in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
Failed to produce (permit/record) regarding at as required.
- Rule 6 Signs/Postings/Instructions**
Failed to provide (Signs/Postings/Instructions) for at as required.
- Rule 7 Labels/Marks/Stamps**
Failed to provide (Labels/Marks/Stamps) for at as required.
- Rule 8 Obstructions/Accumulations**
Failed to remove all (obstructions/accumulations of rubbish or storage) of from as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
Failed to provide adequate (egress/aisle space/clearance) at as required.
- Rule 10 Operating Contrary to C of O**
Operated contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
Failed to maintain in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
Failed to properly (provide/maintain) system or part thereof as required. Describe below.
- Rule 13 Fire Retardant Material**
Failed to provide/maintain non-combustible material at or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
Failed to (provide/maintain) (self-closing fireproof doors/windows) at as required.
- Rule 15 Fireproof Partitions or Walls**
Failed to (provide/maintain) fireproof partitions or walls at as required.
- Rule 16 Ventilation**
Failed to provide (approved vents/adequate ventilation) at VENT PIPE COVER MISSING as required.
- Rule 17 Certificates of Fitness**
Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for DISPENSE/HANDLE MOTOR FUEL as required.
- Rule 18 Certificates of Approval/Qualification/License**
Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for DISPENSE/HANDLE MOTOR FUEL as required.
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
Failed to provide for from as required.
- Rule 20 Test/Inspection**
Failed to conduct required (equipment/system) (test/inspection) of as required.
- Rule 21 Containers**
Failed to provide approved containers for as required.
- Rule 22 Tanks/Supports**
Failed to (provide/maintain) approved tanks/supports for as required.
- Rule 23 Storage**
Failed to provide (vaults/cabinets/room/area) for the storage of as required.
- Rule 24 Racks**
Failed to provide appropriate racks at as required.
- Rule 25 Electrical Equipment**
Failed to (provide/protect/maintain) Remote Control electrical equipment as required.
- Rule 26 Approved Refrigeration/Heating Devices or Units**
Failed to (provide/protect/maintain) Switch (refrigeration/heating) devices as required.
- Rule 27 Approved Lighting Devices**
Failed to (provide/protect/maintain) lighting devices as required. Specify type of protection required:
- Rule 28 Exposed Flames or Sparks**
(Unlawfully allowed/failed to protect) exposed flame or spark at as required.
- Rule 29 Designated Areas**
Failed to (provide/maintain) designated area/premises for as required.
- Rule 30 Fire Safety In Office Buildings/Hotels/Motels**
Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify:
- Repeat Violation (§15-229)**
Failed to correct Rule(s) as previously cited on NOV # . (Respondent must appear at the hearing.)
- False Certification (§15-220.1)**
Willfully falsified Certificate of Correction for NOV # . (Respondent must appear at hearing.)
- Other Code Section/Rule** Describe offense below.

Description of Violation: Rule #17. DURING FILLING STATION IS IN OPERATION, PREMISES SHAL BE CONTINUOUSLY UNDER THE CARE AND SUPERVISION OF A PERSON HOLDING A CERTIFICATE OF FITNESS FOR SUCH SUPERVISION. OBTAIN FROM FIRE DEPT.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above. See Attached
All statements made herein are affirmed under penalty of perjury. Date of Offense: 04/06/95 Time: 11:40 a.m./p.m.

INSPECTOR'S SIGNATURE Masood Ahmed
PRINT NAME MASOOD AHMED

Inspector's Tax Registry Number 593094

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK
NOTICE OF VIOLATION AND HEARING
VIOLATION NO. 10221131 J

Fire Commissioner of the City of New York, Petitioner vs Respondent:
BUREAU OF HIGHWAYS ASPHALT PLANT
Respondent is: owner managing agent tenant city agency daycare center
Place of Occurrence (Premises Address)
Street Number 448 Prefix _____ Street Name HAMILTON
Type AVE Suffix _____ Zip Code _____ Boro Code 09 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns
AKA _____
Mailing Address (if different from premises address)
Street Number _____ Prefix _____ Street Name _____
Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns; 6=Out of City
Add Info DEPT. OF TRANSPORTATION

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy). The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire-Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 [TEL 718-403-1372] by close of business on 12/04/95. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 12/14/95 at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.

REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03."

- Rule 1 Buckets and/or Fire Extinguishers**
 Failed to provide _____ fire buckets filled with (sand/water) and/or _____ approved, operative fire extinguishers at _____ as required.
- Rule 2 Waste Receptacles**
 Failed to provide _____ approved receptacles for waste at _____ as required.
- Rule 3 No Permit**
 (Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
 (Sold/Stored/Used/Manufactured/Transported) _____ in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
 Failed to produce (permit/record) regarding _____ at _____ as required.
- Rule 6 Signs/Postings/Instructions**
 Failed to provide (Signs/Postings/Instructions) for _____ at _____ as required.
- Rule 7 Labels/Marks/Stamps**
 Failed to provide (Labels/Marks/Stamps) for _____ at _____ as required.
- Rule 8 Obstructions/Accumulations**
 Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ from _____ as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
 Failed to provide adequate (egress/aisle space/clearance) at _____ as required.
- Rule 10 Operating Contrary to C of O**
 Operated _____ contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
 Failed to maintain _____ in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
 Failed to properly (provide/maintain) _____ system or part thereof as required. Describe below.
- Rule 13 Fire Retardant Material**
 Failed to provide/maintain non-combustible material _____ at _____ or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
 Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ as required.
- Rule 15 Fireproof Partitions or Walls**
 Failed to (provide/maintain) fireproof partitions or walls at _____ as required.
- Rule 16 Ventilation**
 Failed to provide (approved vents/adequate ventilation) at _____ as required.
- Rule 17 Certificates of Fitness**
 Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for _____ SPECIFY _____
- Rule 18 Certificates of Approval/Qualification/License**
 Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ as required. SPECIFY _____
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
 Failed to provide for _____ from _____ SIGNATORY _____ as required.
- Rule 20 Test/Inspection**
 Failed to conduct required (equipment/system) (test/inspection) of _____ FOAM PERFORMANCE TEST as required. SPECIFY _____
- Rule 21 Containers**
 Failed to provide approved containers for _____ as required. SPECIFY _____
- Rule 22 Tanks/Supports**
 Failed to (provide/maintain) approved tanks/supports for _____ as required. SPECIFY _____
- Rule 23 Storage**
 Failed to provide (vaults/cabinets/room/area) for the storage of _____ as required. SPECIFY _____
- Rule 24 Racks**
 Failed to provide appropriate racks at _____ as required. LOCATION _____
- Rule 25 Electrical Equipment**
 Failed to (provide/protect/maintain) _____ electrical equipment as required. TYPE _____
- Rule 26 Approved Refrigeration/Heating Devices or Units**
 Failed to (provide/protect/maintain) _____ (refrigeration/heating) devices as required. TYPE _____
- Rule 27 Approved Lighting Devices**
 Failed to (provide/protect/maintain) _____ lighting devices as required. Specify type of protection required: _____
- Rule 28 Exposed Flames or Sparks**
 (Unlawfully allowed/failed to protect) exposed flame or spark at _____ as required. LOCATION _____
- Rule 29 Designated Areas**
 Failed to (provide/maintain) designated area/premises for _____ as required. SPECIFY _____
- Rule 30 Fire Safety in Office Buildings/Hotels/Motels**
 Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____
- Repeat Violation (§15-229)**
 Failed to correct Rule(s) _____ as previously cited on NOV # _____ (Respondent must appear at the hearing.) SPECIFY _____
- False Certification (§15-220.1)**
 Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
- Other Code Section/Rule** _____ Describe offense below. SPECIFY SECTION _____

Description of Violation: ARRANGE FOR THE FOAM PERFORMANCE TEST OF MODIFIED FOAM SYSTEM. LAST TEST DONE ON 7/17/95. AND SAID TEST FAILED.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above.
All statements made herein are affirmed under penalty of perjury. Date of Offense: 10/30/95 Time: 19:20 a.m./p.m.

INSPECTOR'S SIGNATURE RAY FORBES
PRINT NAME RAY FORBES

Inspector's Tax Registry Number 159319113

NEW YORK CITY FIRE DEPARTMENT

COMMISSIONER'S ORDER TO CORRECT AND CERTIFY CORRECTION

CORRECTION REQUIREMENTS

You are hereby ordered by the Fire Commissioner to correct the violation(s) of Code and/or Rule indicated on the front of this Notice of Violation in the manner described below or in any other manner commensurate with law.

- | | |
|--|--|
| <p>Rule 1 Provide fire buckets and/or fire extinguishers as indicated.</p> <p>Rule 2 Provide approved receptacles for waste as indicated.</p> <p>Rule 3 Obtain designated permit. (Submit copy of permit fee receipt.)</p> <p>Rule 4 Reduce to the amount stated on the permit goods sold/stored/used/ manufactured/transported.</p> <p>Rule 5 Furnish indicated permit and/or records.</p> <p>Rule 6 Provide signs/postings/instructions as indicated.</p> <p>Rule 7 Provide labels/marks/stamps as indicated.</p> <p>Rule 8 Remove all obstructions/accumulations of indicated material.</p> <p>Rule 9 Provide adequate egress/aisle space/clear space at designated locations.</p> <p>Rule 10 Comply with or amend existing C of O.</p> <p>Rule 11 Maintain stated area in proper condition.</p> <p>Rule 12 Provide/maintain sprinkler/standpipe/alarm/suppression system as indicated.</p> <p>Rule 13 Provide manufacturers specifications for non-combustible materials or an affidavit of flame proofing from a certified flame proofer.</p> <p>Rule 14 Provide/maintain self-closing fireproof doors/windows at designated location.</p> <p>Rule 15 Provide/maintain fireproof partition/wall at designated location.</p> <p>Rule 16 Provide approved vents/ventilation at designated location.</p> | <p>Rule 17 Obtain the designated Certificate of Fitness. (Submit copy of Certificate of Fitness.)</p> <p>Rule 18 Obtain designated Certificate of Approval/Occupancy/Qualification/ License. (Submit copy of Certificate as indicated.)</p> <p>Rule 19 Provide indicated affidavits/documentation/plans/applications. (Submit copy of indicated document.)</p> <p>Rule 20 Conduct designated inspection/test.</p> <p>Rule 21 Provide approved containers as indicated.</p> <p>Rule 22 Provide approved tanks as indicated.</p> <p>Rule 23 Provide vaults/cabinets/room/area as indicated.</p> <p>Rule 24 Provide appropriate racks as indicated.</p> <p>Rule 25 Provide/protect/maintain electrical equipment as indicated.</p> <p>Rule 26 Provide/protect/maintain refrigeration and/or heating devices as indicated.</p> <p>Rule 27 Provide/protect/maintain lighting devices as indicated.</p> <p>Rule 28 Remove/protect open flame or spark at designated location.</p> <p>Rule 29 Provide/maintain designated area/premises as indicated.</p> <p>Rule 30 Comply with safety regulations in office buildings/hotels/motels as indicated.</p> <p>Repeat Offense §15-229. Appear at the ECB Hearing and certify correction then.</p> <p>False Certification §15-220.1. Respondent <i>must</i> appear at hearing.</p> |
|--|--|

Copies of the Administrative Code and/or Fire Department Rules can be found at the Municipal Reference and Research Center, 31 Chambers Street, Room 112, New York, N.Y.

CERTIFICATE REQUIREMENTS

Correction must be certified in accordance with the instructions on the Certificate of Correction issued by the inspector along with this Notice of Violation. (Gold copy). The Certificate of Correction must be received by the date indicated on the front of this Notice.

TABLE OF MAXIMUM PENALTIES

If the charged violation(s) of Code and/or Rule be proven or admitted at hearing, the Respondent may be subject to civil penalties for each violation up to the maximum amounts set forth on the following schedule:

<p>FIRST OFFENSE Rule 1 through Rule 30 \$1,000 Per Violation</p>	<p>REPEAT VIOLATION(S) \$5,000 Per Violation</p>	<p>FALSE CERTIFICATION \$5,000 Per Violation</p>
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ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

★ Manhattan/Bronx: 250 Broadway, 7th Fl. (212) 971-3600	★ Queens: 96-05 Horace Harding Expressway—Main Floor (718) 595-4584
★ Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305	★ Staten Island: Borough Hall Building, 10 Richmond Terrace (212) 971-3600

THE FIRE DEPARTMENT RESERVES THE RIGHT TO RE-INSPECT ANY PREMISES IN ORDER TO MONITOR COMPLIANCE.

CERTIFICATE OF CORRECTION

State of New York)
County of _____) ss:

I _____, being duly sworn, depose and say that I am the respondent cited in the Notice of Violation and that I admit the existence of the violation(s) described in the Notice of Violation.

Check one { I have corrected all said violations as ordered by the Commissioner
or
 I have only corrected Rule Number(s) _____ and will attend hearing on scheduled date.

(The respondent certifies that all violations have been corrected if no box is checked.)
I have attached legible copies of any and all bills, receipts and other proof of correction to this certification as required.

SIGNATURE
(Sign only before a notary)

TO BE COMPLETED BY NOTARY

County of _____ Registration Number _____ SEAL
Sworn to before me this _____ day of _____ 19____ Notary Number _____
Signature of Notary _____ Commission Expires _____

The Fire Commissioner reserves the right to reject any Certificate of Correction that is incomplete. False certification is punishable by a fine of not less than \$1,000 nor more than \$5,000 and/or up to 6 months imprisonment pursuant to Administration Code Section 15-220.1

CERTIFICATION INSTRUCTIONS

For first offenses:

1. ALL offenders must correct the violation(s) cited on the NOTICE OF VIOLATION.
2. All offenders must complete the Certificate of Correction above and have it notarized. *Do not* detach above certificate from this page.
3. Attach legible copies of any and all bills, receipts and/or other proof of compliance to this Certificate of Correction (see correction requirements on reverse of green copy) and submit them along with this Certificate.
4. Return the completed Certificate of Correction with all appropriate documentation attached to the **Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884** by the close of business on the date indicated on the NOTICE OF VIOLATION for return of the certificate. (See reverse side for return date)
5. Respondents will be notified by mail if their Certificate of Correction has been disapproved and of the appropriate action to take to correct same.
6. If it is impossible to correct any or all violations within the time indicated, you may be eligible for a stipulation extending the time to correct. A request for a stipulation extending compliance time must be made at the hearing and is subject to the approval of the Fire Department and the ECB.
7. If you properly certify that ALL violations have been corrected, you will be excused from appearing at the scheduled ECB hearing and no penalty will be imposed.
8. If you fail to comply with (7) above or if you are a repeat offender, you will be required to attend the ECB hearing designated on the NOV and bring any and all proof of correction to the hearing.

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

★ Manhattan/Bronx: 1250 Broadway, 7th Fl. (212) 971-3600	★ Queens: 96-05 Horace Harding Expressway—Main Floor (718) 595-4584
★ Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305	★ Staten Island: Borough Hall Building, 10 Richmond Terrace (212) 971-3600

F.P.I.M.S. Account No. 0805354

Unit: HQ/DO 26 ADMIN. CO. ES66 C.B. # _____

UNIT PHONE # (718) 694-2462

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**NOTICE OF VIOLATION
AND HEARING**

VIOLATION NO. 10221131



Fire Commissioner of the City of New York, Petitioner vs Respondent:
BUREAU OF HIGHWAYS ASPHALT PLANT

Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)

Street Number 448 Prefix _____ Street Name HAMILTON

Type ANE Suffix _____ Zip Code _____ Boro Code 09 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns

AKA _____

Mailing Address (if different from premises address)

Street Number _____ Prefix _____ Street Name _____

Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns; 6=Out of City

Add Info DEPT OF TRANSPORTATION

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy)

The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 [TEL 718-403-1372] by close of business on _____ First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing or _____ at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.

REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

Rule 1 Buckets and/or Fire Extinguishers

Failed to provide _____ fire buckets filled with (sand/water) and/or _____ approved, operative fire extinguishers at _____ as required.

Rule 2 Waste Receptacles

Failed to provide _____ approved receptacles for waste at _____ as required.

Rule 3 No Permit

(Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.

Rule 4 Quantities in Excess of Permit

(Sold/Stored/Used/Manufactured/Transported) _____ of _____ in excess of amount stated on permit.

Rule 5 Produce Permit and/or Record

Failed to produce (permit/record) regarding _____ as required.

Rule 6 Signs/Postings/Instructions

Failed to provide (Signs/Postings/Instructions) for _____ as required.

Rule 7 Labels/Marks/Stamps

Failed to provide (Labels/Marks/Stamps) for _____ at _____ as required.

Rule 8 Obstructions/Accumulations

Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ as required.

Rule 9 Adequate Egress/Aisle Space/Clearance

Failed to provide adequate (egress/aisle space/clearance) at _____ as required.

Rule 10 Operating Contrary to C of O

Operated _____ contrary to the certificate of occupancy.

Rule 11 General Maintenance

Failed to maintain _____ in a proper condition as required.

Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems

Failed to properly (provide/maintain) _____ system or part thereof as required. Describe below.

Rule 13 Fire Retardant Material

Failed to provide/maintain non-combustible material _____ at _____ or provide affidavit that combustible material has been treated with flame retardant as required.

Rule 14 Fireproof Doors/Windows

Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ as required.

Rule 15 Fireproof Partitions or Walls

Failed to (provide/maintain) fireproof partitions or walls at _____ as required.

Rule 16 Ventilation

Failed to provide (approved vents/adequate ventilation) at _____ as required.

Rule 17 Certificates of Fitness

Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for _____

Rule 18 Certificates of Approval/Qualification/License

Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ as required.

Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications

Failed to provide for _____ from _____ as required.

Rule 20 Test/Inspection

Failed to conduct required (equipment/system) (test/inspection) of FOAM PERFORMANCE TEST as required.

Rule 21 Containers

Failed to provide approved containers for _____ as required.

Rule 22 Tanks/Supports

Failed to (provide/maintain) approved tanks/supports for _____ as required.

Rule 23 Storage

Failed to provide (vaults/cabinets/room/area) for the storage of _____ as required.

Rule 24 Racks

Failed to provide appropriate racks at _____ as required.

Rule 25 Electrical Equipment

Failed to (provide/protect/maintain) _____ electrical equipment as required.

Rule 26 Approved Refrigeration/Heating Devices or Units

Failed to (provide/protect/maintain) _____ (refrigeration/heating) devices as required.

Rule 27 Approved Lighting Devices

Failed to (provide/protect/maintain) _____ lighting devices as required. Specify type of protection required:

Rule 28 Exposed Flames or Sparks

(Unlawfully allowed/failed to protect) exposed flame or spark at _____ as required.

Rule 29 Designated Areas

Failed to (provide/maintain) designated area/premises for _____ as required.

Rule 30 Fire Safety in Office Buildings/Hotels/Motels

Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____

Repeat Violation (§15-229)

Failed to correct Rule(s) _____ as previously cited on NOV # _____ (Respondent must appear at the hearing.)

False Certification (§15-220.1)

Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)

Other Code Section/Rule _____ Describe offense below.

Description of Violation: ARRANGE FOR THE FOAM PERFORMANCE TEST OF MODIFIED FOAM SYSTEM.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above.

All statements made herein are affirmed under penalty of perjury. Date of Offense: 10/17/95 Time: 9:30 a.m.

INSPECTOR'S SIGNATURE RAY FORBES

PRINT NAME RAY FORBES

Inspector's Tax Registry Number 5931013

CERTIFICATE OF CORRECTION (COMPLETE REVERSE SIDE)

ECB COPY

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

NEW YORK CITY FIRE DEPARTMENT
Bureau of Fire Prevention

INVOICE NUMBER

9 No 2 8781

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

NEW YORK CITY FIRE DEPARTMENT
250 Livingston Street
Brooklyn, New York 11201-5884
Attention: Cashier's Office
(718) 694-2492

Account

Name: UNIVERSITY MICROFILMS INTL ACQUISITION FACILITY

Address: 44 B HAMILTON AVE

City and State: BROOKLYN NY

Authorized Signature: [Signature]

Account/Folder No.: 05 015364

INSPECTOR	Badge No.: <u>311</u>
Signature: <u>[Signature]</u>	
Name: <u>RAY FORBES</u>	
(PLEASE PRINT)	
Date: <u>10-30-95</u>	Time: <u>1:30 PM</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>10-30-95</u>	<u>1:10</u>	<u>1:30</u>	<u>1/2 hr</u>	<u>\$105</u>	<u>REINSPECTION on V.O. # D36043</u>
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$105

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		RANGHOOD SYSTEMS—ELECTRICAL		PLACES OF PUBLIC ASSEMBLY	
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
901 To refine or distill (per site) (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
Major construction at bulk storage sites, including fire protection systems (per project):		882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour)	\$ 210.
928 Underground Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection (per hour)	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.
BURIED TANKS		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.
025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	552 —occupancy: 150 to 499	\$ 520.
026 Discharge lines inspection (per site)	\$ 365.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	244 —initial inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank inspection (per site)	\$ 355.			245 —subsequent inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
029 Reopen, modification or inspection of repaired tanks	\$ 320.					551 —open flame permit	\$ 210.
Review and inspection during the time of new tank installation:						THEATRICALS AND TELEVISION SPECIAL EFFECTS	
031 —with discharge lines	\$ 1,385.					654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.
1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

CITY OF NEW YORK
FIRE DEPARTMENT
 BUREAU OF FIRE PREVENTION
VIOLATION ORDER

BATTALION _____

D.O. 26

D 36043

16 100 St. Anthony Ave. Brooklyn ADDRESS DEA of Transportation NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Cont'd 08015 36043 ACCOUNT NO.
 ROOM NO. OR FLOOR _____ TYPE OF OCCUPANCY _____

On an inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
5-1993	1.	Post instructions for the manual operation of bypass valves for foam system. T27-4053 b.12
	2.	Identify clearly all pertinent valves in foam house. T27-4053 b.12
	3.	Remove all water and asphalt protect from deck areas. T27-4053 b.12
5-1993		
0	DESK 25	

This order has not been complied with in, 5 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

25

TO 24

-NUMBERING

FOR DISMISSAL

Carlos M. Roosa

Fire Commissioner

1-13-93

I certify that I have made an inspection of said premises and have issued the above order to

PERSON WHO RECEIVED THIS ORDER

INSPECTOR

DOT_P_HA



**New York City
Department of Transportation**

Jane Lauer Barker, Esq.
Director of Employee Relations
40 Worth Street - Room 1010
New York, New York 10013

Elliot G. Sander, Commissioner

*Hi Tom -
This is the latest
paperwork from the FDNY.
Please send me a copy
of the Certificate of Use
permit once you receive it
- Thanks*

MEMORANDUM

TO: Tom Siano
Asphalt Plant

FROM: Carole Chirgwin, Director *Carole*
DOT Safety and Health

SUBJECT: Fire Department Violations

DATE: October 25, 1995

Attached please find several violations issued by the New York City Fire Department (FDNY).

Please contact me at (212) 442-1963 if you want to discuss these violation,s and send me a copy of all correspondence forwarded to the FDNY.

attachment

c: C/A/O M. Weiss, BKBC J. Foulke, J. Lauer Barker, R. Murphy



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Department of Transportation
Michael J. Mondschein
Director of Legal Affairs
40 Worth Street
New York, N.Y. 10013

Date 9/22/95

Premises Various

Order No. _____

Dated 9/22/95

Subject: Inter-City Agency Agreement

Records of this Dept. indicate that the above order has been issued to your agency.

In the interest of public safety and by direction of the Office of the Mayor, we ask your cooperation and prompt compliance with said order.

This is the 3rd report made by this unit.

Note: A copy of this violation order is attached

Very truly yours,

Ralph R. Palmer
Chief of Fire Prevention



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

CITY AGENCY V.O. / (NOV) TRACKING SHEET

Agency:

Department of Transportation v.o.# Various

Date 9/22/95

The following steps were taken by this agency prior to the attached being forwarded to your office:

- Reinspection conducted no compliance: or NOV complied date passed.
- Affected agency notified of V.O.
- Affected agency contacted 10 days prior to forwarding attached for disposition.
- As of this date 9/22/95 the attached V.O. has not been complied with (CURED).

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201
1-718-403-1261

Handwritten circled 'H' in the top right corner.

87 0675 JL29

FOLDER NO.

ACCOUNT NO. 08015364

Refer to

Order No. _____

COMPANY NO. L122 Batt 48

DATE ISSUED _____

DISTRICT NO. 10 DIV. 10 ELECTRICAL ORDER D.O. #34

Occupancy for which this ORDER is issued.

N.Y.C. Department of Transportation
40 Worth St.
New York, N.Y. 10013

448 Hamilton Ave.
Brooklyn, N.Y. 11232

RE: HEAT DETECTION/FOAM EXTINGUISHING SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

COMPLIANCE IS HEREBY REQUESTED WITH THE FOLLOWING RECOMMENDATIONS:

Handwritten notes on the left margin: 'AIR', 'NEW', 'SER', '27-4265' with various circles and arrows.

1. Provide and install explosion proof motors THROUGHOUT.
2. Provide missing junction box covers in electric service rm.
3. Replace ALL broken conduits around asphalt storage tanks.
4. Provide an approved manual sending station in a approved weatherproof outdoor enclosure, outside dispatchers office.
5. Provide 2nd phone line for digital central office transmitt.
6. Provide power indication for above transmitter.
7. Replace vibrating alarm bell with approved horn.
8. Place heat detection system in proper working order for automatic operation.

Handwritten note: 'AIR PRESSURE MOTOR Pressure & ELECT SOLENOID' with arrows pointing to item 1.

Large diagonal stamp: 'ELECTRICAL ORDER PLEASE RETURN TO DEPT 11'.

27-4265 Admn. Code.

Handwritten signature: Joseph E. Spinnato

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JOSEPH E. SPINNATO
FIRE COMMISSIONER

AS:mrs

~~Not to be used for any other purpose than the one for which it was issued.~~

FIRE DEPARTMENT OF THE CITY OF NEW YORK

Dept of
Highways

DIVISION OF FIRE PREVENTION
ROOM 1128 MUNICIPAL BUILDING
BROOKLYN, N.Y. 11201

Telephone: 642-403-1285

82 6794 N023

FOLDER NO.
ACCOUNT NO. **X 509193**
COMPANY NO. **L-122 Batt. 48**
DISTRICT NO. **26**

Refer to
Order No. _____
DATE ISSUED _____

Occupancy for which this ORDER is issued.

City of New York
Department of Highways
40 Worth St.
New York, N.Y. 10013

Asphalt Plant
448 Hamilton Ave.
Brooklyn, N.Y.
788-4576

RE: FIRE DEPARTMENT PLAN #201-80B P&T FILE #800184

SIR:

Inspectors of this department report that the following items must be complied with before a permit may be issued to you.

- [1] Provide ~~2 - 2 1/2"~~ 150 psi rated steel angle control valves at Foam Hydrant Station. [Chapter C19-11.0 Adm. Code].
- [2] Provide steel fixed foam deflectors at all foam outlets servicing both the asphalt and fuel oil tanks. Deflectors are to be fabricated of a min. of 3/16" steel plate and sized to direct all foam into dykes. [Chapter 19-11.0 Adm. Code].
- [3] Provide transparent foam tank sight gauge tube. [Chapter 19-11.0 Adm. Code].
- [4] Provide telegraphic communication with Fire Department Headquarters. [Chapter 19-11.0 Adm. Code & Chapter 19-50.0 Adm. Code].
- [5] Provide an A.S.M.E. approval affidavit for the pressurized foam tank or arrange for a hydrostatic test of the foam tank at 2 times the operating pressure [Chapter 19-11.0 Adm. Code].

NOTES: [1] Amend P&T APPL.#800184 to include changes as per item's 1 & 2 of this order.
 [2] This order is being issued in addition and in conjunction with order #81-1706 item #9 and order #81-1393 item #6 that still remain as not being complied with as per our records.

FRANK GALASSO

JOSEPH E. SPINNATO
FIRE COMMISSIONER

JES:NS:mrs

~~This document contains information that is exempt from disclosure under the Freedom of Information Act.~~

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201

147

89 0456 JL17

FOLDER NO. 08015364

Refer to

ACCOUNT NO.

Order No.

COMPANY NO. L-122 Batt. 48

DATE ISSUED

DISTRICT NO. 10 Div. 10 ELECTRICAL ORDER #34x D.O. #34 Occupancy for which this ORDER is issued.

City of New York
Dept. of Highway
40 Worth St.
N.Y., N.Y. 10013

Asphalt Plant
448 Hamilton Ave
Bklyn, N.Y.

HEAT DETECTION/FOAM SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

- 1. Paint Heat Detection pull station Red and label as such in lamacoid, as follows "Foam system activation" and provide missing break glass.
- 2. Label fuse cutout for foam system in lamacoid.

Admn. Code 27-4265

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JFB/JQ/bc

Joseph F. Bruno
Fire Commissioner

ELECTRICAL ORDER
PLEASE RETURN #0
COPIES TO DESK 14

448 Hamilton Ave

BKLYN

Neglect or refusal to comply with the above ORDER may render you liable to fine or imprisonment or both.

New York City Department of Transportation
Office of Safety and Health
40 Worth Street, Room 1020
New York, NY 10013
(212) 566-3935/3923

Carole Oakland Chirgwin, Director

Date: 11/10/95

To: Bob Murphy

Subject: FDNY violations - 372 Kent Ave
488 Hamilton Ave

- Action Deemed Necessary
- Report action taken
- Investigate and report
- Follow up Daily Weekly Monthly Recommended
- Review, comment and recommend
- Prepare reply for _____ Signature
- Correct and return
- Complete by _____
- For your information
- For your signature
- Approval requested
- Per our conversation
- Please see me
- Return
- File
- Tick - Due Date _____ Tick for Mtg _____

Remarks Please review these + let's
discuss - w/ T. Siano at Hamilton
especially. Thanks

c: _____ A/C _____ GG _____ JM _____ CW _____ LW _____
Carole

DO NOT DETACH THIS SHEET - RETURN WITH CORRESPONDENCE



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

A-10(D) (1/81)

BATTALION

D.O. 26
D 36

To 448 HAMILTON Ave Brooklyn, DEA of Transport
ADDRESS
COURT
NAME OF OWNER, LEASEE, OCCUPANT, ETC.
08015 36-1
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1.	Post instructions for the manual operation of bypass valves for foam system. T27-4053 b.12
	2.	Identify clearly all pertinent valves in foam house. T27-4053 b.12
	3.	Remove all water and asphalt product from light areas. T27-4053 b.12
SEP 15 1993		
W.O. ROD	DESK 25	

If this order has not been complied with in, 5 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL

9-13-93

Carlos M. Rivera
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater
NAME OF PERSON WHO RECEIVED THIS ORDER
RAY FORBES
INSPECTOR
8/23/93
DATE
Plat manager
TITLE
Bulk Oil
PHONE #
UNIT

Unit Address 250 Livingston St. Bklyn Unit Telephone (718) 403-1785

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201

147

89 0456 JL 17

FOLDER NO. 08015364

ACCOUNT NO.

COMPANY NO. L-122 Batt. 48

DISTRICT NO. 10 Div. 10 ELECTRICAL ORDER ~~124~~ D.O. #34 Occupancy for which this ORDER is issued.

Refer to

Order No.

DATE ISSUED

City of New York
Dept. of Highway
40 Worth St.
N.Y., N.Y. 10013

Asphalt Plant
448 Hamilton Ave
Bklyn, N.Y.

HEAT DETECTION/FOAM SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

- NCW 1. Paint Heat Detection pull station Red and label as such in lamacoid, as follows "Foam system activation" and provide missing break glass.
- NCW 2. Label fuse cutout for foam system in lamacoid.

Admn. Code 27-4265

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JFB/JQ/bc

Joseph P. Bruno
Fire Commissioner

ELECTRICAL ORDER
PLEASE RETURN #7
COPIES TO DESK 14

448 Hamilton Ave

Neglect or refusal to comply with the above ORDER may render you liable to fine or imprisonment or both.

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201
1-718-403-1261



87 0675 JL29

FOLDER NO.

Refer to

ACCOUNT NO. **08015364**

Order No. _____

COMPANY NO. **L122 Batt 48**

DATE ISSUED _____

DISTRICT NO. **10 DIV. 10 ELECTRICAL ORDER D.O. #34**

Occupancy for which this ORDER is issued.

N.Y.C. Department of Transportation
40 Worth St.
New York, N.Y. 10013

448 Hamilton Ave.
Brooklyn, N.Y. 11232

RE: HEAT DETECTION/FOAM EXTINGUISHING SYSTEM

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

COMPLIANCE IS HEREBY REQUESTED WITH THE FOLLOWING RECOMMENDATIONS:

- 1. Provide and install explosion proof motors THROUGHOUT.
- 2. Provide missing junction box covers in electric service rm.
- 3. Replace ALL broken conduits around asphalt storage tanks.
- 4. Provide an approved manual sending station in a approved weatherproof outdoor enclosure, outside dispatchers office.
- 5. Provide 2nd phone line for digital central office trans.
- 6. Provide power indication for above transmitter.
- 7. Replace vibrating alarm bell with approved horn.
- 8. Place heat detection system in proper working order for automatic operation.

(AIR PRESSURE MOTOR Pressure & ELECTRIC SOLENOID)

27-4265 Admn. Code.

**ELECTRICAL ORDER
PLEASE RETURN TO
OFFICE TO BE**

Joseph E. Spinnato

WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

JOSEPH E. SPINNATO
FIRE COMMISSIONER

AS:mrs

~~Not to be used for any other purpose than for the use of the Fire Department.~~

*448 Hamilton Ave
Brooklyn, N.Y.
11232
11/14/75
Philip*

FIRE DEPARTMENT OF THE CITY OF NEW YORK

DIVISION OF FIRE PREVENTION
ROOM 1128 MUNICIPAL BUILDING
BROOKLYN, N.Y. 11201

Telephone: 643-403-1285

82 6794 NO23

FOLDER NO.
ACCOUNT NO. **X 509193**
COMPANY NO. **L-122 Batt. 48**
DISTRICT NO. **26**

Refer to _____
Order No. _____
DATE ISSUED _____

Occupancy for which this ORDER is issued.

City of New York
Department of Highways
40 Worth St.
New York, N.Y. 10013

Asphalt Plant
448 Hamilton Ave.
Brooklyn, N.Y.
788-4516

RE: FIRE DEPARTMENT PLAN #201-80B P&T FILE #800184

SIR:

Inspectors of this department report that the following items must be complied with before a permit may be issued to you.

- [1] Provide ~~2~~ - ~~2~~ 1/2" 150 psi rated steel angle control valves at Foam Hydrant Station. [Chapter 19-11.0 Adm. Code].
- [2] Provide steel fixed foam deflectors at all foam outlets servicing both the asphalt and fuel oil tanks. Deflectors are to be fabricated of a min. of 3/16" steel plate and sized to direct all foam into dykes. [Chapter 19-11.0 Adm. Code].
- [3] Provide transparent foam tank sight gauge tube. [Chapter 19-11.0 Adm. Code].
- [4] Provide telegraphic communication with Fire Department Headquarters. [Chapter 19-11.0 Adm. Code & Chapter 19-50.0 Adm. Code].
- [5] Provide an A.E.M.E. approval affidavit for the pressurized foam tank or arrange for a hydrostatic test of the foam tank at 2 times the operating pressure [Chapter 19-11.0 Adm. Code].

- NOTES:**
- [1] Amend P&T APPL.#800184 to include changes as per item's 1 & 2 of this order.
 - [2] This order is being issued in addition and in conjunction with order #81-1706 item #9 and order #81-1393 item #6 that still remain as not being complied with as per our records.

FRANK CARANO

JOSEPH E. SPINATO
FIRE COMMISSIONER

JES:ms

~~Reproduction of this document is prohibited without the express written permission of the Fire Department of the City of New York.~~



CROSS STREETS _____

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

BATTALION _____
D.026 _____
D 38506

To 448-HAMILTON AVE, BROOKLYN DEPT. OF TRANSPORTATION
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Comm'l 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.
Bulk Oil Unit

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1.	Submit a report to this office regarding the spilling of asphalt at this location. Information should include but not limited to chronology of events, date and time of events, what actions were taken, what agencies were notified and why the Fire Dept's Bulk oil unit was not notified.
		T27-4010
		NOTE: This order is issued for non compliance to letter of defect of 9/4/93.

V.O. RCD
030827 1993

DESK 25

If this order has not been complied with in 10 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR NUMBERING
TO 24 FOR DISMISSAL

Carlos M. Rivera
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

CEDRIC CUTBERT OFFICE AIDE.
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
RAY FORBES 10-20-93 Bulk Oil
INSPECTOR DATE UNIT

Unit Address 250 Livingston St., Bklyn. Unit Telephone (718) 403-1285



CROSS STREETS _____

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

BATTALION _____

D.O. 26

VIOLATION ORDER

D 36043

To 448 HAMILTON Ave Brooklyn TLA of Transportation
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
Conin D 08015 364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1.	Post instructions for the manual operation of bypass valves for foam system. T27-4053 b.12
	2.	Identify clearly all pertinent valves in foam house. T27-4053 b.12
	3.	Remove all water and asphalt product from slope areas. T27-4053 b.12
EP 15		1993
V.O. RCD	DESK 25	

If this order has not been complied with in, 5 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL
9-13-93

Carlos M. Rivera
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater Plant manager
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
RAY FORBES 8/23/73 Bulk Oil
INSPECTOR DATE UNIT

Unit Address 250 Livingston St. Bklyn. Unit Telephone (718) 403-1785



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-910143-117-P

BATTALION _____

D.O. 26

VIOLATION ORDER

D 51202

To 448 HAMILTON AVE BROOKLYN, DOT ASPHALT FACILITY
ADDRESS COMM'L NAME OF OWNER, LEASEE, OCCUPANT, ETC. 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY Bulk Oil ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	PROVIDE CERTIFICATE OF FITNESS (P12) COVERAGE AT THIS FACILITY 24 HOURS / DAY... 7 DAYS / WEEK. T27-4053.d.
		NOTE: THIS ORDER IS ISSUED IN CONJUNCTION WITH V.O. # D51201
		FORTHWITH 11:00 AM

V.O. RCD
MAR 10 1994

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL

Charles M. Fionna
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

WILLIAM SLATER PLANT MANAGER
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
RAY FORBES 2/24/94 BULK OIL
INSPECTOR DATE UNIT

Unit Address 250 LIVINGSTON ST, BROOKLYN Unit Telephone (718) 694-2555

NY 11201

FIRE DEPARTMENT OF THE CITY OF NEW YORK

**BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201**

Tele.# 718-694-2554

55 0122 J 13

FOLDER NO.

Refer to

ACCOUNT NO. 93027527

Order No.

COMPANY NO. 2-666

DATE ISSUED

JUN 13 1995

DISTRICT NO. D.O. #26

Occupancy for which this ORDER is issued.

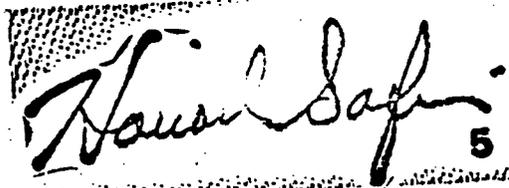
N.Y.C. Dept. of Transportation
Battery Maritime Bldg.
6 Bridge Street
New York, NY 10004

N.Y.C. DOT St. George
Perry Fueling Facility
Staten Island, NY

Attn: Matthew Winchell

Re: St. George Fueling Facility

- 8) Provide continuous Certificate of Fitness coverage. 27-4053 d.
- 9) Provide all steel piping and approved valves rated at 150 psi. 27-4053 .b7.
- 10) Provide oil spill equipment as per 3 RCNY Sec. 7-06. 27-4053 .h.
- 11) Have all electrical materials within the classified areas be of explosive proof construction approved for class 1 (high hazard occupancy) Group D. 27-4053. .b. 118.



Howard Safir
Fire Commissioner

Via Certified Mail

HS/NJS/eh

Neglect or refusal to comply with the above ORDER may render you liable to fine or imprisonment or both.

FIRE DEPARTMENT OF THE CITY OF NEW YORK

**BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201**

Tele. # 718-694-25545 0122 JL13

FOLDER NO. _____

Refer to

ACCOUNT NO. 95027827

Order No. _____

COMPANY NO. E-666

DATE ISSUED Jan 13 1968

DISTRICT NO. D.O. #26

Occupancy for which this ORDER is issued.

N.Y.C. Dept. of Transportation
Battery Maritime Bldg.
6 Bridge Street
New York, NY 10004

N.Y.C. DOT St. George
Ferry Fueling Facility
Staten Island, NY

Attn: Matthew Winchell
Project Manager

Re: St. George Fueling Facility

Sir:

Inspectors of this Department report that hazardous conditions were found to exist at the above premises. Kindly comply immediately with the following order and promptly notify this Department when such order has been complied with.

- 1) Submit approval from the Coast Guard that these barges have been accepted for the intended use.
- 2) Have the entire fueling installation be installed and tested as per approved plans. 27-4053.b.14.
- 3) Provide an acceptable 3% foam system to protect both the barges and associated piping. 27-4053.b.12.
- 4) Arrange for a hydrostatic pressure test of all foam and product piping at 200 and 100 psi min. Test to be witnessed by the Bureau of Fire Prevention. 27-4053.b.12 & 27-4053b.13.
- 5) Provide tank over flow protection. 27-4053b.10.
- 6) Provide approved type product pumps. 27-4053b.11B.
- 7) Provide telegraphic communication with the Fire Department. 27-4053b.12B.

Cont'd.

Neglect or refusal to comply with the above ORDER may render you liable to fine or imprisonment or both.

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, NY 11201

Dept. of Transportation L1

89 0337 MY-3

FOLDER NO. *281 01*
ACCOUNT NO. Batt. 31 Div. 10
COMPANY NO. L-110
DISTRICT NO. 10

Refer to
Order No. _____
DATE ISSUED _____

ELECTRICAL ORDER D.O. # 34

Occupancy for which this ORDER is issued.

["Bureau of Traffic"
N.Y.C. Dept. of Transportation
28-11 Queens Blaza North
L.I.C. 11101]

[276 Livingston St.
Bklyn, N.Y. 11201
"Public Garage"]

AUTO-DRY SPRINKLER

INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES.

1. Repair defective air compressor.
2. Remove trouble condition from local panel.
3. Have a licensed Electrical Contractor file form A-433.
4. Arrange for a re-inspection by submitting a written request, therefor.

Adm. Code 27-4265

ORIGINAL OF
PLEASE RETURN
COPIES TO DESK

JFB/JQ/bc

Joseph F. Bruno
Joseph F. Bruno
Fire Commissioner

Neglect or refusal to comply with the above ORDER may render you liable to fine or imprisonment or both.

St. George Ferry Terminal
CROSS STREETS CITY OF NEW YORK

A-10(D) (1/91) 75-0103-1129

FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

BATTALION 23

D.O. 93/94

VIOLATION ORDER

DEPT OF TRANSPORTATION
D 04739

To 1 Richmond Terrace - SI - Bureau of Transit Operatic
ADDRESS
Bldg F-3 Assembly
ROOM NO. OR FLOOR TYPE OF OCCUPANCY
NAME OF OWNER, LEASEE, OCCUPANT, ETC. N.R.
ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
STP	2	RESTORE "DRY" STANDPIPE SYSTEM TO PRO WORKING ORDER AND ARRANGE FOR A FIRE DEPARTMENT TEST THIS TEST TO BE WITNESSED BY AN INSPECTOR FROM THIS DEPARTMENT.
		OR.
		Provide legal Documentation for the APPROVAL of the REMOVAL of the DRY STANDPIPE SYSTEM.
		NOTE: MAJORITY OF DRY SYSTEM HAS BEEN REMOVED.

If this order has not been complied with in forthwith of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
TO 24 FOR DISMISSAL

Carlos M. Rocca
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

NAME OF PERSON WHO RECEIVED THIS ORDER Dept of Engineering
L. Cerone INSPECTOR 1/7/94 DATE SP STP/SPK UNIT

Unit Address 250 Livingston St Unit Telephone (718) 4037328
Bklyn, NY 11201



FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
VIOLATION ORDER

025533

VIOLATIONS

Total No. of Violations	
-------------------------	--

To: 1 Beekmantown Road Boro D O T
 Address of Premises Boro Name of Owner, Lessee, Occupant, etc.

Basement Type of Occupancy Account No.
 Room No. or Floor Type of Occupancy Account No.

Item No.	Item No.	VIOLATION ORDER	
	FP-1-2	Provide / Refill fire pails of sand/water at	Total
	FP-3-4	Provide / Refill (or) recharge approved _____ TYPE fire extinguishers at	
	FP-7	Provide properly covered fireproof receptacles for inflammable rubbish at	
	FP-11	Provide "No Smoking" signs at	Total
	FP-12	Remove all accumulations of inflammable rubbish from _____ and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)	
	FP-13	Reduce height of stock to not less than 18 inches of ceiling or sprinklers at	
	FP-15	Discontinue storage, sale, or use of volatile flammable liquids.	
	FP-17	Discontinue use of open flame at	
	FP-21	Maintain floors clean of waste oils.	
	FP-25-26	Provide Exit signs/Red lights over exit signs at	Total
	FP-27	Maintain adequate aisle space not less than 36 inches at	
	FP-28	Remove all obstructions to means of egress at	
	FP-30	Remove grease, paint, or other accumulations from hoods or ducts on	
	FP-42	Replace missing or defective hose on standpipe outlet at	
	FP-56	Remove all obstructions to sprinkler control valve at	
	FP-60	Seal sprinkler control valves "open" with approved seals at	
	FP-102	Remove unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a <u>required</u> secondary means of egress.	
	SP-12	Arrange (scuttle/bulkhead door) to be readily opened from the inside without the use of a key.	
	SP-15, 16, 17, & 18	Provide that door of (public hall/dumbwaiter/roof bulkhead/rubbish chute/laundry chute hopper/kitchen/incinerator chute hopper/garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/maintenance room) located at _____ be self closing/placed in good operating condition/maintained closed.	
	SP-19	Maintain adequate light in (public hallway/public stairway) at	
	SP-34	Properly scrape and paint with two coats of paint the (fire escape/ exterior screened stairway) on (front/rear/ _____ side) of building.	
	SP-35	Properly replace all defective portions of the (fire escape/ exterior screened stairway) at the _____ side of the building. All windows and doors which open upon the course of the (fire escape/ exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint.	



FIRE DEPARTMENT

BUREAU OF FIRE PREVENTION

VIOLATION ORDER

Total No. of Violations

DOT U 077097

VIOLATIONS

To: PIER 60

MAN

NYC TRAFFIC DEPT

ENTIRE BLDG.

VEHICLE STORAGE PIER

Item No.	Item No.	Description	Total
	FP-1-2	Provide / Refill fire pails of sand/water at	Total
	FP-3-4	Provide / Refill (or) recharge approved _____ type fire extinguishers at	
	FP-7	Provide properly covered fireproof receptacles for inflammable rubbish at	
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**New York City
Department of Transportation**

40 Worth Street
New York, New York 10013

Elliot G. Sander, Commissioner

January 19, 1996

Mr. Edward Cunningham
Chief of Fire Prevention
250 Livingston Street
Brooklyn, New York 11209

Re: FDNY Violations at 488 Hamilton Avenue, Brooklyn

Dear Mr. Cunningham:

Attached please find a recently issued Fire Department Operating Permit for the Department of Transportation's Hamilton Avenue Asphalt Plant. Issuance of this certificate by the Bulk Fuel Safety Unit certifies our compliance with applicable Fire Safety Codes and regulations.

Please update the violation records to remove the attached violations from the existing files. Please contact me at (212) 442-1963 if you have any questions or to discuss this matter.

Very truly yours,

Carole Chirgwin, Director
DOT Safety and Health

attachment

c: (no attachment) C/A/O L. Chasin, BC J. Foulke, G. Lewis, T. Siano,
J. Luke (COSH)

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK	NOTICE OF VIOLATION AND HEARING	VIOLATION NO. 10221125 N
Fire Commissioner of the City of New York, Petitioner vs Respondent: <u>DEPT. OF TRANSPORTATION</u>		
Respondent is: <input type="checkbox"/> owner <input type="checkbox"/> managing agent <input type="checkbox"/> tenant <input checked="" type="checkbox"/> City agency <input type="checkbox"/> daycare center		
Place of Occurrence (Premises Address)		
Street Number <u>448</u> Prefix _____ Street Name <u>HAMILTON</u>		
Type <u>AVE</u> Suffix _____ Zip Code _____ - _____ Boro Code <u>04</u> 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns		
AKA _____		
Mailing Address (if different from premises address)		
Street Number _____ Prefix _____ Street Name _____		
Type _____ Suffix _____ Zip Code _____ - _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns; 6=Out of City		
Add Info _____		

Notice of Violation and Order to Correct and Certify Correction:
PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy). The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire Prevention, Enforcement Unit, 250 Livingston Street, Brooklyn, New York 11201-5884 (TEL: 718-403-1372) by close of business on 11/2/94. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:
If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 11/05/94 at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.
REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

- | | |
|---|--|
| <p>Rule 1 Buckets and/or Fire Extinguishers
 <input type="checkbox"/> Failed to provide _____ fire buckets filled with (sand/water) and/or approved, operative fire extinguishers at _____ as required.</p> <p>Rule 2 Waste Receptacles
 <input type="checkbox"/> Failed to provide _____ approved receptacles for waste at _____ as required.</p> <p>Rule 3 No Permit
 <input type="checkbox"/> (Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.</p> <p>Rule 4 Quantities in Excess of Permit
 <input type="checkbox"/> (Sold/Stored/Used/Manufactured/Transported) _____ in excess of amount stated on permit.</p> <p>Rule 5 Produce Permit and/or Record
 <input type="checkbox"/> Failed to produce (permit/record) regarding _____ at _____ as required.</p> <p>Rule 6 Signs/Postings/Instructions
 <input type="checkbox"/> Failed to provide (Signs/Postings/Instructions) for _____ at _____ as required.</p> <p>Rule 7 Labels/Marks/Stamps
 <input type="checkbox"/> Failed to provide (Labels/Marks/Stamps) for _____ at _____ as required.</p> <p>Rule 8 Obstructions/Accumulations
 <input type="checkbox"/> Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ from _____ as required.</p> <p>Rule 9 Adequate Egress/Aisle Space/Clearance
 <input type="checkbox"/> Failed to provide adequate (egress/aisle space/clearance) at _____ as required.</p> <p>Rule 10 Operating Contrary to C of O
 <input type="checkbox"/> Operated _____ contrary to the certificate of occupancy.</p> <p>Rule 11 General Maintenance
 <input type="checkbox"/> Failed to maintain _____ in a proper condition as required.</p> <p>Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems
 <input type="checkbox"/> Failed to properly (provide/maintain) _____ system or part thereof as required. Describe below.</p> <p>Rule 13 Fire Retardant Material
 <input type="checkbox"/> Failed to provide/maintain non-combustible material _____ at _____ or provide affidavit that combustible material has been treated with flame retardant as required.</p> <p>Rule 14 Fireproof Doors/Windows
 <input type="checkbox"/> Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ as required.</p> <p>Rule 15 Fireproof Partitions or Walls
 <input type="checkbox"/> Failed to (provide/maintain) fireproof partitions or walls at _____ as required.</p> <p>Rule 16 Ventilation
 <input type="checkbox"/> Failed to provide (approved vents/adequate ventilation) at _____ as required.</p> | <p>Rule 17 Certificates of Fitness
 <input type="checkbox"/> Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for _____ as required.</p> <p>Rule 18 Certificates of Approval/Qualification/License
 <input type="checkbox"/> Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ as required.</p> <p>Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications
 <input type="checkbox"/> Failed to provide for _____ from _____ as required.</p> <p>Rule 20 Test/Inspection
 <input type="checkbox"/> Failed to conduct required (equipment/system) (test/inspection) of _____ as required.</p> <p>Rule 21 Containers
 <input type="checkbox"/> Failed to provide approved containers for _____ as required.</p> <p>Rule 22 Tanks/Supports
 <input type="checkbox"/> Failed to (provide/maintain) approved tanks/supports for _____ as required.</p> <p>Rule 23 Storage
 <input type="checkbox"/> Failed to provide (vaults/cabinets/room/area) for the storage of _____ as required.</p> <p>Rule 24 Racks
 <input type="checkbox"/> Failed to provide appropriate racks at _____ as required.</p> <p>Rule 25 Electrical Equipment
 <input type="checkbox"/> Failed to (provide/protect/maintain) _____ electrical equipment as required.</p> <p>Rule 26 Approved Refrigeration/Heating Devices or Units
 <input type="checkbox"/> Failed to (provide/protect/maintain) _____ (refrigeration/heating) devices as required.</p> <p>Rule 27 Approved Lighting Devices
 <input type="checkbox"/> Failed to (provide/protect/maintain) _____ lighting devices as required. Specify type of protection required: _____</p> <p>Rule 28 Exposed Flames or Sparks
 <input type="checkbox"/> (Unlawfully allowed/failed to protect) exposed flame or spark at _____ as required.</p> <p>Rule 29 Designated Areas
 <input type="checkbox"/> Failed to (provide/maintain) designated area/premises for _____ as required.</p> <p>Rule 30 Fire Safety in Office Buildings/Hotels/Motels
 <input type="checkbox"/> Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____</p> <p>Repeat Violation (\$15-229)
 <input checked="" type="checkbox"/> Failed to correct Rule(s) <u>5</u> as previously cited on NOV # <u>10221162</u> (Respondent must appear at the hearing.)</p> <p>False Certification (\$15-220.1)
 <input type="checkbox"/> Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)</p> <p>Other Code Section/Rule _____ Describe offense below.</p> |
|---|--|

Description of Violation: OPERATING BULK OIL FACILITY WITHOUT A FIRE NO PERMIT.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above.
All statements made herein are affirmed under penalty of perjury. Date of Offense: 11/2/94 Time: 9:15 a.m./p.m.
INSPECTOR'S SIGNATURE RAY FOR...
PRINT NAME RAY FOR...
Inspector's Tax Registry Number 1593013

NEW YORK CITY FIRE DEPARTMENT

COMMISSIONER'S ORDER TO CORRECT AND CERTIFY CORRECTION

CORRECTION REQUIREMENTS

You are hereby ordered by the Fire Commissioner to correct the violation(s) of Code and/or Rule indicated on the front of this Notice of Violation in the manner described below or in any other manner commensurate with law.

- | | |
|--|--|
| <p>Rule 1 Provide fire buckets and/or fire extinguishers as indicated.</p> <p>Rule 2 Provide approved receptacles for waste as indicated.</p> <p>Rule 3 Obtain designated permit. (Submit copy of permit fee receipt.)</p> <p>Rule 4 Reduce to the amount stated on the permit goods sold/stored/used/ manufactured/transported.</p> <p>Rule 5 Furnish indicated permit and/or records.</p> <p>Rule 6 Provide signs/postings/instructions as indicated.</p> <p>Rule 7 Provide labels/marks/stamps as indicated.</p> <p>Rule 8 Remove all obstructions/accumulations of indicated material.</p> <p>Rule 9 Provide adequate egress/aisle space/clear space at designated locations.</p> <p>Rule 10 Comply with or amend existing C of O.</p> <p>Rule 11 Maintain stated area in proper condition.</p> <p>Rule 12 Provide/maintain sprinkler/standpipe/alarm/suppression system as indicated.</p> <p>Rule 13 Provide manufacturers specifications for non-combustible materials or an affidavit of flame proofing from a certified flame proofer.</p> <p>Rule 14 Provide/maintain self-closing fireproof doors/windows at designated location.</p> <p>Rule 15 Provide/maintain fireproof partition/wall at designated location.</p> <p>Rule 16 Provide approved vents/ventilation at designated location.</p> | <p>Rule 17 Obtain the designated Certificate of Fitness. (Submit copy of Certificate of Fitness.)</p> <p>Rule 18 Obtain designated Certificate of Approval/Occupancy/Qualification/ License. (Submit copy of Certificate as indicated.)</p> <p>Rule 19 Provide indicated affidavits/documentation/plans/applications. (Submit copy of indicated document.)</p> <p>Rule 20 Conduct designated inspection/test.</p> <p>Rule 21 Provide approved containers as indicated.</p> <p>Rule 22 Provide approved tanks as indicated.</p> <p>Rule 23 Provide vaults/cabinets/room/area as indicated.</p> <p>Rule 24 Provide appropriate racks as indicated.</p> <p>Rule 25 Provide/protect/maintain electrical equipment as indicated.</p> <p>Rule 26 Provide/protect/maintain refrigeration and/or heating devices as indicated.</p> <p>Rule 27 Provide/protect/maintain lighting devices as indicated.</p> <p>Rule 28 Remove/protect open flame or spark at designated location.</p> <p>Rule 29 Provide/maintain designated area/premises as indicated.</p> <p>Rule 30 Comply with safety regulations in office buildings/hotels/motels as indicated.</p> <p>Repeat Offense §15-229. Appear at the ECB Hearing and certify correction then.</p> <p>False Certification §15-220.1. Respondent <i>must</i> appear at hearing.</p> |
|--|--|

Copies of the Administrative Code and/or Fire Department Rules can be found at the Municipal Reference and Research Center, 31 Chambers Street, Room 112, New York, N.Y.

CERTIFICATE REQUIREMENTS

Correction must be certified in accordance with the instructions on the Certificate of Correction issued by the inspector along with this Notice of Violation (Gold copy). The Certificate of Correction must be received by the date indicated on the front of this Notice.

TABLE OF MAXIMUM PENALTIES

If the charged violation(s) of Code and/or Rule be proven or admitted at hearing, the Respondent may be subject to civil penalties for each violation up to the maximum amounts set forth on the following schedule:

FIRST OFFENSE
Rule 1 through Rule 30
\$1,000 Per Violation

REPEAT VIOLATION(S)
\$5,000 Per Violation

FALSE CERTIFICATION
\$5,000 Per Violation

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- ★ Manhattan/Bronx: 1250 Broadway, 7th Fl. (212) 971-3600
- ★ Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305

- ★ Queens: 96-05 Horace Harding Expressway—Main Floor (718) 595-4584
- ★ Staten Island: Borough Hall Building, 10 Richmond Terrace (212) 971-3600

THE FIRE DEPARTMENT RESERVES THE RIGHT TO RE-INSPECT ANY PREMISES IN ORDER TO MONITOR COMPLIANCE.



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

DATE 12-2-95 ACCT. NO. 08015364
THIS DOCUMENT MUST BE ATTACHED TO FIRE
DEPARTMENT OPERATING PERMIT
EXP. MONTH 3 YEAR 96
EXAMINER AS. Lee
N.Y.F.D. BULK OIL SECTION
BUREAU OF FIRE PREVENTION

THE ISSUANCE OF THIS TANK LIST SHALL NOT BE CONSTRUED TO MEAN THAT A FIRE DEPARTMENT OPERATING PERMIT HAS BEEN ISSUED AND THAT ALL VIOLATION ORDERS HAVE BEEN COMPLIED WITH FOR THIS FACILITY.

Any reply refer to-
Bulk Fuel Safety Unit
Room #413, Tele.# 718-694-2461
F.D. Acct.# 08015364

Premises: N.Y.C. Dept. of Transp.
Bulk Asphalt Plant
448 Hamilton Ave.
Brooklyn, NY 11232

New York City Dept. of Transportation
Brooklyn Asphalt Facility
448 Hamilton Ave.
Brooklyn, NY 11232
Attn: Terminal Manager

BULK ASPHALT STORAGE PLANT - TANK LIST

<u>TANK #</u>	<u>TYPE OF TANK</u>	<u>PRODUCT</u>	<u>CAPACITY</u>
1 & 3	Above Ground compartment tank (2 compartments 15,000 gal. each)	Asphalt	30,000 Gallons
2	Above Ground	Asphalt	30,000 Gallons
5	Above Ground	#2 oil	10,000 Gallons
-	Mounded on tank #1 & 2	Heating oil system for Asphalt	2 - 25 Gal. Tanks

NOTE: Tank #4 is omitted from the numbering system.

Cont'd.

NOTES:

1) Person with a P-12 Certificate of Fitness to be on premises at all times to supervise the plant, twenty four (24) hours a day, seven (7) days a week.

2) If there is any change in product storage, Fire Department approval must be obtained before any change is made.

3) When tanks are taken out of service for cleaning, written Fire Department notification is required.

4) Whenever correspondence is forwarded to this Department, include the Fire Department referenced account number.



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

December 5, 1995

Any reply refer to-
Bulk Fuel Safety Unit
Room #413, Tele.# 718-694-2460
F.D. Acct.# 08015364

Department of Transportation
Asphalt Plant
448 Hamilton Ave.
Brooklyn, NY 11232
Attn: Bill Slater, Plant Mgr.

Re: Fire Dept. Operating Permit

Last Permit Expired: 3/31/94

Please be advised that a Fire Department Operating Permit is being processed by this office for:

Premises: Department of Transportation
Asphalt Plant
448 Hamilton Ave.
Brooklyn, NY 11232
Permit Expires: 3/96

This letter is only valid for thirty (30) days, until the Fire Department Operating Permit is generated by the computer processing unit.

Very truly yours,

ISSUANCE OF THIS PERMIT SHALL NOT BE
CONSTRUED TO MEAN THAT ALL VIOLATIONS
ORDERS ARE COMPLIED WITH F.D.N.Y.

Edmund Cunningham
Chief of Fire Prevention

Act 9

RRP/NJS/fh



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

December 5, 1995

Any reply refer to-
Bulk Fuel Safety Unit
Room #413, Tele.# 718-694-2460
F.D. Acct.# 08015364

**Department of Transportation
Asphalt Plant
448 Hamilton Ave.
Brooklyn, NY 11232
Attn: Bill Slater, Plant Mgr.**

Re: Fire Dept. Operating Permit

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Brooklyn, NY 11232**
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Edmund Cunningham
Chief of Fire Prevention

Act 9

RRP/NJS/fh

NOTES:

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NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK

NOTICE OF VIOLATION
AND HEARING

VIOLATION NUMBER: 103-650-87Y
INSTALLATION NUMBER: 051132700

MAILING DATE: 05/20/96

HEARING 233 SCHERMERHORN STREET HEARING
LOCATION: BROOKLYN NY 11201 DATE: 06/11/96
FLOOR 11 TIME: 10:30 A.M.

NOV 103-650-87Y S

300530H
BUREAU OF HIGHWAY & SE
426 HAMILTON AVE
BROOKLYN NY 11232-1015

BELOW IS A SUMMARY OF A VIOLATION PREVIOUSLY ISSUED TO THE NAMED RESPONDENT. THE RESPONDENT OR AN AUTHORIZED REPRESENTATIVE IS HEREBY DIRECTED TO RESPOND TO THE CHARGES AT A HEARING AS INDICATED ABOVE, OR IN THE ALTERNATIVE METHODS ACCEPTABLE TO THE ENVIRONMENTAL CONTROL BOARD AS EXPLAINED ON THE REVERSE SIDE.

COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V BUREAU OF HIGHWAY & SE
(PETITIONER) (RESPONDENT)

OCCURRENCE PLACE: 426 HAMILTON AVE BORO OR CITY: BROOKLYN
OBSERVATION MADE BY: TAX REGISTRY NUMBER: 593217
DATE: 01/22/96 ON OR ABOUT 01:30 P.M.

INVESTIGATION BY THE PETITIONER NAMED ABOVE HAS DETERMINED THAT THERE IS REASONABLE CAUSE TO BELIEVE THAT THE RESPONDENT AT THE PLACE AND DATE INDICATED ABOVE, HAS VIOLATED THE FOLLOWING PROVISIONS OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK OR RULES AND REGULATIONS PROMULGATED THEREUNDER. THIS VIOLATION IS SCHEDULED TO BE HEARD ON THE DATE, PLACE AND TIME INDICATED ABOVE.

VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION: SUB-SECTION OR RULE:	DESCRIPTION:	MAXIMUM PENALTY:
RULE 1- 7	FAILED TO OBTAIN CERTIFICATE OF FITNESS	\$1000.00

Tom Siano spoke w/ Carol Chingisai on 6/10/96 @ 10 AM

NEED NO APPEAR.

[Signature]

G22A-NOV
REV. PAGE 1
SELF

SEE REVERSE SIDE FOR INSTRUCTIONS

PROTECT YOUR RIGHTS: READ THIS INFORMATION

YOU ARE REQUIRED TO RESPOND TO THIS NOTICE OF VIOLATION

General Instructions

1. **HEARING:** You must appear for the hearing scheduled, either in person or by attorney or other authorized representative (who need not be an attorney). The hearing is your opportunity to answer and defend the allegations made in the Notice of Violation. You should come fully prepared for the hearing. You have the right to bring witnesses and other evidence, including evidence of actions taken to correct any condition charged. If you fail to appear for a scheduled hearing, a default order will be issued including penalties up to the maximum permitted by law.
2. **SETTLEMENT BY STIPULATION:** Certain violations can be resolved by mail through a stipulation. Settlement by stipulation does not require your attending a hearing. See page 2 to determine if you are being offered a chance to settle by stipulation. If you wish to accept the terms offered, complete page 2, the stipulation, and return it to the Environmental Control Board. The executed stipulation, with payment, must be returned to the Environmental Control Board before the hearing date. If you file late you must attend the scheduled hearing or you may be defaulted. If you are not offered a stipulation, you must appear for the hearing.
3. **REMEDIAL ACTION:** Because severe penalties can be imposed for the continuation of the violation, you should immediately correct all conditions that led to the Notice of Violation. Correcting conditions after a Notice of Violation has been issued may be considered in mitigating the amount of the penalty, but it does not eliminate any violation that existed on the date charged.

ADDITIONAL INSTRUCTIONS FOR BUILDING AND FIRE VIOLATIONS

4. **CERTIFICATION OF CORRECTION (CURE):** THIS FORM IS A COPY OF AN ORIGINAL NOTICE OF VIOLATION WHICH HAS ALREADY BEEN SERVED ON YOU OR DELIVERED TO YOUR EMPLOYEE AT THE LOCATION WHERE THE VIOLATION OCCURRED. THE ORIGINAL NOTICE CONTAINS ADDITIONAL INSTRUCTIONS TO YOU FROM THE PETITIONER (THE AGENCY WHICH ISSUED THIS NOTICE OF VIOLATION). It will also contain a Commissioner's order to correct the violation AND MAY PERMIT YOU TO CERTIFY SUCH CORRECTION AND AVOID AN APPEARANCES AT THE ENVIRONMENTAL CONTROL BOARD.

READ THE ORIGINAL NOTICE CAREFULLY

IF YOU HAVE BEEN OFFERED SUCH OPPORTUNITY TO CERTIFY CORRECTION, completed certification forms and all questions concerning procedures should be directed to the petitioner's office as indicated below:

FIRE DEPARTMENT
Enforcement Unit
250 Livingston Street
Brooklyn, New York 11201
Tel. # (718) 694-2394

BUILDINGS DEPARTMENT
Administrative Enforcement Unit
60 Hudson Street - 14th floor
New York, New York 10013
Tel. # (212) 312-8400

NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**STIPULATION OFFER FROM
PETITIONER**

VIOLATION NUMBER: 103-650-87Y
INSTALLATION NUMBER: 051132700

MAILING DATE: 05/20/96

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 06/11/96
TIME: 10:30 A.M.

STPF 103-650-87Y S

300530H
BUREAU OF HIGHWAY & SE
426 HAMILTON AVE
BROOKLYN NY 11232-1015

NO STIPULATION OFFERED.

G22C-STIP-OFFER
REV. PAGE 2
SELF

SEE REVERSE SIDE FOR INSTRUCTIONS

STIPULATION ACCEPTANCE BY RESPONDENT

As, or on behalf of, the Respondent, I admit all material facts of the violation and wish to settle by stipulation without further hearing. I accept the stipulation terms offered by Petitioner on the reverse side of this page.

Signature

Capacity

Print Name

INSTRUCTIONS:

1. Make no changes. The stipulation will be void if you alter the terms. If you desire any changes, you must attend the hearing.
2. Sign in the area marked "Signature". Print your name below the signature, and the signer's title or capacity beside the signature. If you want a file copy, please make one on a copier.
3. Include check or money order for the total stipulated penalty amount as indicated in the stipulation payable to "Finance Commissioner, City of New York". To help assure that payment is properly credited, please write the violation number on the face of your check or money order.
4. Mail the executed stipulation and your payment to:

Environmental Control Board
Attn: Stipulation Desk
P.O. Box JAF 1443
New York, New York 10116
5. Remember, the stipulation must be received five days before the hearing date. If you do not accept the terms and return the properly executed stipulation and payment before this date, you must attend the scheduled hearing at the Environmental Control Board.



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

Date 3/7/97

Any reply refer to-
Bulk Fuel Safety Unit
Room #413, Tele.# 718-694-2461
F.D. Acct.# 08015364

Bureau of Highways (Asphalt Plant)
448 Hamilton Avenue
Brooklyn, NY 11232
Attn: Bill Slater

Re: Bulk Oil Storage Plant
2 Year Test Notice

Test Due May 1997

Sir:

Fire Department's records indicate that approximately (2) two years have passed, since the fire protection systems have been tested, and you are hereby directed to arrange for the following test within (30) thirty days in order to avoid the issuance of a Fire Department violation order.

Arrange for a test of your facilities Fire Extinguishing Systems, test to be witnessed by a representative of this Department. If it is a foamite extinguishing system, an actual demonstration must show the system capable of delivering the proper amount of foam to the tank most remote from the source of supply, and an individual test of each tank with water flow. If a CO 2 System, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. All piping to be tested with a discharge of nitrogen into storage tanks. If steam, all lines to be tested with a discharge of same into all storage tanks.

cont'd.

NOTE:

1. Weighing scale to be provided by operator of Bulk Oil plant.
2. All equipment such as yard hydrants, water sprays on loading racks, monitor nozzles, tank overflow protection systems on tanks are required to be tested in addition to the tanks fire extinguishing system.
3. Test to be performed by a Certificate of Fitness holder only.

Very truly yours,

Nicola J. Sicuranza

Nicola J. Sicuranza
Deputy Chief Inspector
Bulk Fuel Safety Unit

NJS

NJS/AP/fh

Rev. 5/94, 1/96 fh



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

480

BUREAU OF FIRE PREVENTION

NYC TRANSPORTATION
ADM BUREAU OF HGWAYS
416 HAMILTON AVE
BROOKLYN, NY 11232

Date 12/21/00
Account No. 05482336
Test Due Date 02/28/01
Premises: 416 HAMILTON AVE
Brooklyn, NY 11232

NOTICE OF STORAGE SYSTEM LEAK DETECTION TEST

To Whom It May Concern:

FDNY records indicate that at least two years have passed since the leak detection system at the above premises was tested.

3RCNY 21-20 (o) of the Rules of the City of New York states: "at least once every two (2) years the leak detection system shall be subject to a functionality test, conducted at the owners risk, by his/her representative, and before a representative of the Fire Department."

Testing must be performed by, or under the direct supervision of, a FDNY Certificate of License holder.

The licensed installer should arrange for a test date by contacting:

**Bureau of Fire Prevention
Bulk Fuel Safety Unit, Rm. 3E-78K
9 MetroTech Center
Brooklyn, NY 11201**

Appointment Desk phone number: 718-999-2460/2462

Failure to act promptly will result in the issuance of a violation order.

The above rule may be viewed, in it's entirety, by logging on to the Fire Department of City of New York website at, www.fdnyc.org

Bfsu pubnoticetst.doc



CROSS STREETS

Hamilton Ave
+ _____

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION E 239

D.O. 10

VIOLATION ORDER

E 27056

To 426 HAMILTON Ave BRKLYN NY 11231 Bureau of Highways
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
PU13 0511 3279
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SC0000209		Arrange for an appointment with this Department for a representative of Fire Department to witness a test of discharge piping of submerged gasoline & diesel pumps. Such test is to be conducted at 150 lbs/sq. in or 1/2 x maximum working pressure whichever is greater for a period of 30 minutes. If double walled piping, secondary piping to be tested @ 5 psi (air).

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

THOMAS VON ESEN
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

DAVID STERMAN ASA (718) 369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
D. RYAN 08/09/99 D.O. 10
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech East Unit Telephone (718) 999-2450
BRKLYN N.Y. 11201

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 2-4634

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: [Signature]
Account/Folder No.: 05113279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No.:
Signature: <u>[Signature]</u>	<u>11</u>
Name: <u>S. MATHEN</u>	
Date: <u>5-17-00</u>	Time: <u>3:10</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	5-17-00	2:50	3:10	20	70.00	Re-inspection of U.O.E 23033 dated 8.18.99. Item in U.O not complied with.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: 70.00

SCHEDULE OF FEES*

(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
Major construction at bulk storage sites, including fire protection systems (per project):		882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Sports arenas, stadiums (per hour)	\$ 210.
925 —actual hours at site (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
928 Underground Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	548 —occupancy: 1,000 to 2,499	\$ 725.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	555 —occupancy: 2,500 or greater	\$ 830.
BURIED TANKS		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		551 —open flame permit	\$ 210.
025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
026 Discharge lines inspection (per site)	\$ 365.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	244 —initial inspection (per hour)	\$ 210.	REINSPECTIONS	
028 Tank inspection (per site)	\$ 355.			245 —subsequent inspection (per hour)	\$ 210.	999 All Reinspections (per hour)	\$ 210.
029 Reopen, modification or inspection of repaired tanks	\$ 320.						
Review and inspection during the time of new tank installation:							
031 —with discharge lines	\$ 1,385.						
032 —without discharge lines	\$ 1,180.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No: 2-4634

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: [Signature]
Account/Folder No.: 05113279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No.:
Signature: <u>[Signature]</u>	<u>11</u>
Name: <u>S. MATHIAS</u>	
Date: <u>5-17-00</u>	Time: <u>3:10</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	5-17-00	2:50	3:10	20	70.00	Re-inspection of U.O.E 23033 dated 8.18.99. Item in U.O not complied with.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: 70.00

SCHEDULE OF FEES* 100

(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
901 To refine or distill (per site) (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
Major construction at bulk storage sites, including fire protection systems (per project):		882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	548 Sports arenas, stadiums (per hour)	\$ 210.
928 Underground Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	HIGH RISE/HOTEL/MOTEL		Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		890 Site inspection	\$ 570.	549 —occupancy: less than 75	\$ 310.
BURIED TANKS		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	550 —occupancy: 75 to 149	\$ 415.
025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	MAGAZINES		552 —occupancy: 150 to 499	\$ 520.
026 Discharge lines inspection (per site)	\$ 365.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	242 —initial inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	243 —subsequent inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank inspection (per site)	\$ 355.			244 —initial inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			245 —subsequent inspection (per hour)	\$ 210.	551 —open flame permit	\$ 210.
Review and inspection during the time of new tank installation:						THEATRICALS AND TELEVISION SPECIAL EFFECTS	
031 —with discharge lines	\$ 1,385.					654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER

No 2-4634

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

Account Name: DOT Asphalt Plant
Address: 448 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: [Signature]
Account/Folder No.: 05113279

INSPECTOR: [Signature] Badge No.: 11
Signature: [Signature]
Name: S. MATHEO
Date: 5-17-00 Time: 3:10

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
999	5-17-00	2:50	3:10	20	70.00	Re-inspection of U.O.E 23033 dated 8.18.99. Item in U.O not complied with
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: 70.00

SCHEDULE OF FEES*

(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
320 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
321 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
Siamese connection inspection:		870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
323 —per initial siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
324 —per additional siamese connection (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
301 To refine or distill (per site) (per hour)	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
Major construction at bulk storage sites, including fire protection systems (per project):		884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour)	\$ 210.
325 —actual hours at site (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
328 Underground Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.
329 Pressure Tests Tanks/Piping (per hour)	\$ 210.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.
BURIED TANKS		858 Rangehood Systems—Mechanical—initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	552 —occupancy: 150 to 499	\$ 520.
325 Site inspection	\$ 105.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
326 Discharge lines inspection (per site)	\$ 365.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	Per magazine with electric alarm:		554 —occupancy: 1,000 to 2,499	\$ 725.
327 Dry chemical extinguishing system test—where installed (per system)	\$ 750.			244 —initial inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
328 Tank inspection (per site)	\$ 355.			245 —subsequent inspection (per hour)	\$ 210.	551 —open flame permit	\$ 210.
329 Reopen, modification or inspection of repaired tanks	\$ 320.			REINSPECTIONS			
Review and inspection during the time of new tank installation:				999 All Reinspections (per hour)	\$ 210.		
331 —with discharge lines	\$ 1,385.						
332 —without discharge lines	\$ 1,180.						

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



ATTN: DAYE
Joseph A. Hendel of Farmingdale, L.L.C.
224 Route 109, Farmingdale, N.Y. 11735
(516) 293-0700 • Fax (516) 293-1055

FOAM FIRE SUPPRESSION
SYSTEM CONTROL PANEL
APPROVED FOR USE IN
NYC UNDER MEA NUMBER
339-94-E
↑
SIGN FOR PANEL



MAIN OFFICE & WAREHOUSE
Joseph A. Hendel, Inc.
97-17 95th Avenue
Ozone Park, N.Y. 11416
(718) 845-3000
Fax (718) 738-0180



CROSS STREETS
E-14TH STREET
 & HAMILTON AVENUE

CITY OF NEW YORK
FIRE DEPARTMENT
 BUREAU OF FIRE PREVENTION
~~VIOLATION ORDER~~
 801-2

A-10(D) (1/91) 72-910143-117-P
 BATTALION _____
 D.O. 34
D 59316

To 448 HAMILTON AVENUE, BROOKLYN DOT
ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
N/A INDUSTRIAL ASPHALT PLANT 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
314	1.	FIRE ALARM SYSTEM / ELECTRICAL SYSTEM PLACE THE EXISTING FIRE ALARM SYSTEM IN PROPER OPERATION AND MAINTAIN AT ALL TIMES. 15-127, ADMI. CODE, SECTION 279 L.L.
	2.	INSPECTORS OF THIS DEPARTMENT REPORT THAT HAZARDOUS CONDITIONS IN VIOLATION OF FIRE DEPARTMENT REQUIREMENTS WERE FOUND TO EXIST AT THE ABOVE PREMISES. WILL YOU KINDLY COMMUNICATE WITH THIS DEPARTMENT AS SOON AS THE ALARM ABOVE CONDITIONS HAVE BEEN REMEDIED OR WHEN ACTION HAS BEEN TAKEN TO CORRECT THE FIRE HAZARDS THAT MAKE THE ABOVE RECOMMENDATIONS NECESSARY.

CONTINUED ON D59312
ADMI. CODE 27-4267.1 AC FIRE CODE 27-106
 If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING
 TO 24 FOR DISMISSAL

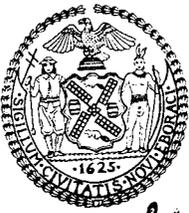
THOMAS VON ESSEN

 Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

WILLIAM SLATER PLANT MANAGER 718-369-4245
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
VIVEK PATIL 4/17/00 FIRE ALARM INSPECTOR UNIT
INSPECTOR DATE UNIT

Unit Address 9 METROTECH CENTER Unit Telephone 718-999-2469
BROOKLYN NY 11201-3857



CROSS STREETS
E-14TH STREET
 & HAMILTON AVENUE

CITY OF NEW YORK
FIRE DEPARTMENT
 BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-910143-117-P

BATTALION _____
 D.O. 34
D 59317

VIOLATION ORDER
801-L

To: 448 HAMILTON AVENUE, BROOKLYN ADDRESS DOT NAME OF OWNER, LEASEE, OCCUPANT, ETC.
N/A ROOM NO. OR FLOOR INDUSTRIAL ASPHALT PLANT TYPE OF OCCUPANCY 08015364 ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

CONTINUED FROM D59316

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		<u>FIRE ALARM SYSTEM / ...</u>
	3.	<u>PROVIDE RIGID THREADED CONDUIT FOR THRU OR THROUGH WIRES ENTERING AT FIRE ALARM PANEL.</u>
A-39	4.	<u>HAVE A LICENSED ELECTRICAL CONTRACTOR FILE WITH THE FIRE DEPARTMENT, BUREAU OF FIRE PREVENTION, USING FORM A-433 FOR REMOVAL OF ELECTRICAL ITEMS OF THE ORDER.</u> <u>27-4013 ADMN. CODE, TITLE 27-RS17-3 ADMN. CODE</u>
	5.	<u>PROVIDE INSPECTION AND TEST OF ABOVE SYSTEMS COMPLETELY BY SUBMITTING FORM B-45 AS PER CODE.</u>
	6.	<u>AFFIX BSA OR MEA # TO FIRE ALARM PANEL.</u>
	7.	<u>LABEL FIRE ALARM PANEL AS SUCH.</u>
	8.	<u>SUBMIT FIRE ALARM RISER DIAGRAM AS PER CODE.</u> <u>ADMN. CODE 27-426). TAC FIRE CODE 27-106 FC.</u>

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
 FOR -NUMBERING

TO 24
 FOR DISMISSAL

THOMAS VON EISEN.

 Fire Commissioner

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WILLIAM SLATER PLANT MANAGER 718-369-4245
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
VIVEK PATIL 4/17/00 FIRE ALARM INSPECTION UNIT
 INSPECTOR DATE UNIT

Unit Address 9 METROTECH CENTER Unit Telephone 718-999-2469
BROOKLYN NY 11201-3857



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 46705

VIOLATION ORDER

To 448 Hamilton Ave DOT Asphalt Plant
1/4 industrial 08015364
ROOM NO. OR FLOOR ADDRESS TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	In Interest of Public Safety Discontinue all operations at above facility until fire suppression system will be restored to the proper working condition.
		727-4053
		forthwith
		time 12:00

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR-NUMBERING

TO 24
FOR DISMISSAL

Thomas You Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater plant mgr (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
July Chapko 04-17-00 Bulk fuel Safety Unit
INSPECTOR DATE UNIT

Unit Address 9 Metrotech Ctr Unit Telephone (718) 999-2460



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 46706

VIOLATION ORDER

To 448 Hamilton Ave DOT Asphalt Plant
4a Industrial 08015364
ROOM NO. OR FLOOR ADDRESS NAME OF OWNER, LEASEE, OCCUPANT, ETC.
TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
SP 1	1	In Interest of Public Safety Restore from 3% Mechanical foam system to the proper working condition by reason this system failed 2-year test.
SP 2	2	Re-arrange an appointment with this department to witness 2-year performance test of repaired fire Suppression System
SP 3	3	Arrange an appointment with this department to witness the hydrotest of newly installed stainless connection and part of water and foam piping. T27-4053

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR -NUMBERING

TO 24
FOR DISMISSAL

Thomas Von Esen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slatter Plant mgr (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
Yuly Chapko 04-17-00 Bulk Fuel Safety Unit
INSPECTOR DATE UNIT

Unit Address 9 Metrotech Cr Unit Telephone (718) 999-2460



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 46707

VIOLATION ORDER

To 448 Hamilton Ave DOT Asphalt Plant
ADDRESS Ya Industrial 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY NAME OF OWNER, LEASEE, OCCUPANT, ETC. ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
		In Interest of Public Safety
SP 1		Re-paint rusted parts of foam piping where it is necessary
SP 2		Color-code all piping of water and foam system.
SP 3		Post Color-code Chart in foam-house.
		3RCM 87

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25
FOR-NUMBERING

TO 24
FOR DISMISSAL

Thomas Von Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater Plant mgr (718) 788-4526
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
Y. Chapko 04-17-00 Bulk Fuel Safety Unit
INSPECTOR DATE UNIT

Unit Address 9 Metrotech Ctr Unit Telephone (718) 999-2460



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

Date: April 5, 2000

Any reply refer to-
Bulk Fuel Safety Unit
Room #3E-79-K, Tele.# (718) 999-2461
F.D. Acct.# **08015364**

Premises: 448 Hamilton Avenue
Brooklyn, New York

Re : 2 Foam Test (Fire Ext System)

Department of Transportation
448 Hamilton Avenue
Brooklyn, New York
Attn: David Stermar/ Bill Slates

We have arranged to witness a test of Fire Extinguishing System installed on your premises on: Monday April 17, 2000 at:

0900 Hrs. Fire Prevention Inspectors

1000 Hrs. Fire Department Field Units

Notes: 1) Arrangements must be made to limit the amount of time that the Fire Protection System is taken out of services and during the period, NO product is either removed VIA truck loading racks or by any other loading facility, OR accepted by either barge or pipeline deliveries.

2) In order to confirm that the electrical portion of 2-year tests will be conducted on subject date/dates, contact the Bureau's Fire Alarm Unit at (718) 999-2469.

Very truly yours,

John E. McCook
John E. McCook

Chief Inspector *[Signature]*

JME/AP

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No: 2-4964

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT Asphalt plant
Address: 448 Hamilton Ave
City and State: Brooklyn N.Y.
Authorized Signature: [Signature]
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR: <u>[Signature]</u>	Badge No.: <u>434</u>
Signature: <u>[Signature]</u>	
Name: <u>Judy Chapin</u>	
(PLEASE PRINT)	
Date: <u>01-17-00</u>	Time: <u>1:00</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
921	01-17-00	9:00	1:00	4 hrs	840.00	2-year test of Fire Suppression System was done unsatisfactory. System failed the test. V.C.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$840.00

SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 415.
Major construction at bulk storage sites, including fire protection systems (per project):		882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 210.
925 —actual hours at site (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour)	\$ 210.
928 Underground Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.
BURIED TANKS		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.
025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	Per magazine with electric alarm:		552 —occupancy: 150 to 499	\$ 520.
026 Discharge lines inspection (per site)	\$ 365.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	242 —initial inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	243 —subsequent inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank inspection (per site)	\$ 355.			Per magazine without electric alarm:		555 —occupancy: 2,500 or greater	\$ 830.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			244 —initial inspection (per hour)	\$ 210.	551 —open flame permit	\$ 210.
Review and inspection during the time of new tank installation:				245 —subsequent inspection (per hour)	\$ 210.	THEATRICS AND TELEVISION SPECIAL EFFECTS	
031 —with discharge lines	\$ 1,385.					654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
Nº 4-4883

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT ASPHALT PLANT
Address: 448 HAMILTON AVENUE
City and State: BROOKLYN NY
Authorized Signature: [Signature]
Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No.: <u>346</u>
Signature: <u>Vivele Pariz</u>	
Name: <u>VIVER PATIL</u> (PLEASE PRINT)	
Date: <u>4/17/00</u>	Time: <u>240 min</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>884</u>	<u>4/17/00</u>	<u>9:00</u>	<u>1:00</u>	<u>240 min</u>	<u>\$840.00</u>	
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: \$840.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 Siamese connection inspection: —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
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928 Underground Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
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Review and inspection during the time of new tank installation:				245 —subsequent inspection (per hour)	\$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
031 —with discharge lines	\$ 1,385.					654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

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STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No. 4-4883

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Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: DOT ASPHALT PLANT
Address: 448 HAMILTON AVENUE
City and State: BROOKLYN NY
Authorized Signature: [Signature]
Account/Folder No.: 0801536Y

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No.: <u>346</u>
Signature: <u>Vivek Patil</u>	
Name: <u>VIVEK PATIL</u> (PLEASE PRINT)	
Date: <u>4/17/00</u>	Time: <u>240 min</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>884</u>	<u>4/17/00</u>	<u>9:00</u>	<u>1:00</u>	<u>240 min</u>	<u>\$840.00</u>	

Total Due: \$840.00

**SCHEDULE OF FEES*
(FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)**

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032 —without discharge lines	\$ 1,180.			REINSPECTIONS			
				999 All Reinspections (per hour)		\$ 210.	

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.



FIRE DEPARTMENT

BUREAU OF FIRE PREVENTION

VIOLATION ORDER

A 06206

VIOLATIONS

Total No. of Violations 1

To: 448 Hamilton Ave Brooklyn NY

DOT Asphalt Plant

Address of Premises

Name of Owner, Leasee, Occupant, etc.

3rd Floor

NYC DOT

Room No. or Floor

Type of Occupancy

Account No.

Item No.	Item No.	VIOLATION ORDER	Total
	FP-1-2	Provide / Refill fire pails of sand/water at	Total
	FP-3-4	Provide / Refill (or) recharge approved _____ fire extinguishers at	
	FP-7	Provide properly covered fireproof receptacles for "inflammable rubbish at	
	FP-11	Provide "No Smoking" signs at	Total
	FP-12	Remove all accumulations of inflammable rubbish from _____ and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)	
	FP-13	Reduce height of stock to not less than 18 inches of ceiling or sprinklers at	
	FP-15	Discontinue storage, sale, or use of volatile flammable liquids.	
	FP-17	Discontinue use of open flame at	
	FP-21	Maintain floors clean of waste oils.	
	FP-25-26	Provide Exit signs/Red lights over exit signs at	Total
	FP-27	Maintain adequate aisle space not less than 36 inches at	
	FP-28	Remove all obstructions to means of egress at	
	FP-30	Remove grease, paint or other accumulations from hoods or ducts on	
	FP-42	Replace missing or defective hose on standpipe outlet at	
	FP-56	Remove all obstructions to sprinkler control valve at	
	FP-60	Seal sprinkler control valves "open" with approved seals at	
	FP-102	Remove unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a required secondary means of egress.	
	SP-12	Arrange (scuttle/bulkhead door) to be readily opened from the inside without the use of a key.	
	SP-15, 16, 17, & 18	Provide that door of (public hall, dumbwaiter/roof bulkhead/ rubbish chute/ laundry chute hopper/ kitchen/ incinerator chute hopper/ garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/ maintenance room) located at _____ be self closing/placed in good operating condition/maintained closed.	
	SP-19	Maintain adequate light in (public hallway/public stairway) at	
	SP-34	Properly scrape and paint with two coats of paint the (fire escape/ exterior screened stairway) on (front/rear/ _____ side) of building.	
	SP-35	Properly replace all defective portions of the (fire escape/ exterior screened stairway) at the _____ side of the building. All windows and doors which open upon the course of the (fire escape/ exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint.	
	SP-38	Provide that the self-closing (door/window) opening on the course of the (fire escape/ exterior screened stairway) on the _____ side of the building on the _____ story, be (placed in good operating condition/maintained closed).	
	SP-39	Provide that the door serving as required means of egress at _____ be readily openable from (the inside/both sides) without the use of a key.	
	SP-42	Store (paint/paint drop cloths) in approved storage (area/room/cabinet) at	
	SP-53	Replace (used/damaged/missing) sprinkler head at	
	SP-64	Discontinue use of temporary wiring being used in place of fixed wiring at	
	SP-80	Properly store (mattresses/furniture/paints/insecticides) in approved storage (compartment/room) at	
	SP-81	Provide temporary protection of unused dumbwaiter shafts be means of nailing doors closed and sealing of unprotected openings on all floors, including cellar, (skylights shall remain) pending compliance with the requirement of the Department of Buildings.	
	FO-5	Provide an affidavit from a licensed fuel oil installer that oil burner is clean and in operating condition.	
	SP-01	Place Fire extinguishing Foam system in in working order	

If this order has not been complied with, in 30 days of the issuance date (or forthwith for those violations designated "comply FORTHWITH"), a summons will be served for violation of Chapter 19 of the Administration Code of the City of New York.

Fire Commissioner

Thomas Von Essen

This is to certify that I have made an inspection of said premises and have issued the above order to:

Bill Slater

Plant Manager

Steven Scott

4/17/2000

Name of person who received this order

Owner/Agent/Occupant

Inspector

Date

Important: See instructions on reverse side. For more information, inspection or dismissal contact inspection unit:

Unit L-122

Unit Address 532 - 11th Brooklyn NY 11215

Unit Telephone 718-965-8368

INSTRUCTIONS

Sir or Madam:

An inspection this date of the premises disclosed the existence of violations under the enforcement jurisdiction of the Fire Department. The violations are indicated by number in the far left column. Where there is a choice of words in an item as indicated by a slash(/) the inspector has circled the applicable words.

Thus: Provide / (Refill) 2 fire pails of (sand) / water

Means: Refill 2 fire pails of sand

Additional violations may be handwritten in the blank spaces below the printed items.

Fire Department inspections are designed to reduce losses of life and property both through the prevention of fires and through opportunity for more intelligent handling of fires.

The Fire Department makes inspections in order:

- (1) To obtain the correction of conditions creating an undue fire hazard.
- (2) To assure that fire protection equipment is available and properly maintained.
- (3) To assure that features providing protection against spread of fire are installed and properly maintained.
- (4) To assure that exit facilities are properly maintained for use in case of fire.

The violation items printed on the reverse side are among those most frequently encountered by Fire Department personnel. Even where a violation does not currently exist, the list of items can be used as a partial guide to maintaining sound fire prevention practices until the next periodic inspection.

CITY OF NEW YORK FIRE DEPARTMENT



FAX



FIRE PREVENTION

TO: David Steerman / Bill Slater

TELEPHONE NUMBER: _____

FACSIMILE NUMBER: _____

369-4211

FROM: Ashwin Slater

TELEPHONE NUMBER: _____

FACSIMILE NUMBER: _____

(718) 999-2461 2462

(718) 999-0098

NUMBER OF PAGES, INCLUDING COVER: _____

NOTES: pl. call back. Appt. for
2 year test schedule for 4-12-00 (mandat)
We will test everything including tank Alarms,
Fire Alarm box etc.

This facsimile is intended only for the use of the addressee named herein and may contain legally privileged and confidential information. If you are not the intended recipient of this facsimile, you are hereby notified that any dissemination, distribution or copying of this facsimile is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone.

Apr 5 '00 9:55 P.01



FIRE DEPARTMENT

9 METROTECH CENTER, BROOKLYN, N.Y. 11201-3857

999-2461 ASHWAN BIRTELL

Date: March 2, 1999

Any reply refer to-
Bulk Fuel Safety Unit
Room #3E-95K, Tele.# 718-999-2461/2
F.D. Acct.# 08015364

11:30

Premises: Same

Bureau of Highways Asphalt Plant
448 Hamilton Avenue
Dept. of Transportation
Brooklyn, NY 11232
Attn: Bill Slater

Test Due: 5/99

Sir:

Fire Department's records indicate that approximately (2) two years have passed, since the fire protection systems have been tested, and you are hereby directed to arrange for the following test within (30) thirty days in order to avoid the issuance of a Fire Department violation order.

Arrange for a test of your facilities Fire Extinguishing Systems, test to be witnessed by a representative of this Department. If it is a foamite extinguishing system, an actual demonstration must show the system capable of delivering the proper amount of foam to the tank most remote from the source of supply, and an individual test of each tank with water flow. If a CO 2 System, the cylinder must be disconnected and weighed in the presence of a Fire Department representative. All piping to be tested with a discharge of nitrogen into storage tanks. If steam, all lines to be tested with a discharge of same into all storage tanks.

cont'd.

NOTE:

1. Weighing scale to be provided by operator of Bulk Oil plant.
2. All equipment such as yard hydrants, water sprays on loading racks, monitor nozzles, tank overflow protection systems on tanks are required to be tested in addition to the tanks fire extinguishing system.
3. Test to be performed by a Certificate of Fitness holder only.

Very truly yours,

Nicola J. Sicuranza

Nicola J. Sicuranza
Deputy Chief Inspector
Bulk Fuel Safety Unit

NJS

NJS/AP/fh

Rev. 1/96/2/98 fh



FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION
 250 LIVINGSTON ST., BROOKLYN, N.Y. 11201-5884

**CERTIFICATE OF
 FITNESS**

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
63392955	09/25/97	09/24/00	0.00

TYPE: P13 MOTOR FUEL DISP W/O FIRE SUPP
 NAME: PERRONE JOSEPH J
 ADDRESS: 41 SANDY WOODLAND
 STATEN ISLAND NY 103090000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
068421132	03/16/50	M	5'08"	190 LBS

HAIR	EYES	CITY EMPLOYEE
BLACK	BROWN	YES

EMPLOYER: DOT

WORK ADDRESS: 40 WORTH ST
 MANHATTAN NY 100030000

SIGNATURE

Joseph Perrone

NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**NOTICE OF VIOLATION
AND HEARING**

VIOLATION NUMBER: 102-211-25N
INSTALLATION NUMBER: 080153600

MAILING DATE: 12/08/94

HEARING 233 SCHERMERHORN STREET HEARING
LOCATION: BROOKLYN NY 11201 DATE: 01/03/95
FLOOR 11 TIME: 10:30 A.M.

NOV 102-211-25N S

300652H
DEPT OF TRANSPORTATION 841
448 HAMILTON AVE
BROOKLYN NY 11232-1015

BELOW IS A SUMMARY OF A VIOLATION PREVIOUSLY ISSUED TO THE NAMED RESPONDENT. THE RESPONDENT OR AN AUTHORIZED REPRESENTATIVE IS HEREBY DIRECTED TO RESPOND TO THE CHARGES AT A HEARING AS INDICATED ABOVE, OR IN THE ALTERNATIVE METHODS ACCEPTABLE TO THE ENVIRONMENTAL CONTROL BOARD AS EXPLAINED ON THE REVERSE SIDE.

COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V DEPT OF TRANSPORTATION 841
(PETITIONER) (RESPONDENT)

OCCURRENCE PLACE: 448 HAMILTON AVENUE BORO OR CITY: BROOKLYN
OBSERVATION MADE BY: TAX REGISTRY NUMBER: 593013
DATE: 11/21/94 ON OR ABOUT 09:15 A.M.

INVESTIGATION BY THE PETITIONER NAMED ABOVE HAS DETERMINED THAT THERE IS REASONABLE CAUSE TO BELIEVE THAT THE RESPONDENT AT THE PLACE AND DATE INDICATED ABOVE, HAS VIOLATED THE FOLLOWING PROVISIONS OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK OR RULES AND REGULATIONS PROMULGATED THEREUNDER. THIS VIOLATION IS SCHEDULED TO BE HEARD ON THE DATE, PLACE AND TIME INDICATED ABOVE.

VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION: SUB-SECTION OR RULE:	DESCRIPTION:	MAXIMUM PENALTY:
RULE 5-	FAILED TO PRODUCE PERMIT AND/OR RECORD	\$1000.00

G22A-NOV
REV. PAGE 1
SELF

SEE REVERSE SIDE FOR INSTRUCTIONS

PROTECT YOUR RIGHTS: READ THIS INFORMATION

YOU ARE REQUIRED TO RESPOND TO THIS NOTICE OF VIOLATION

General Instructions

1. **HEARING:** You must appear for the hearing scheduled, either in person or by attorney or other authorized representative (who need not be an attorney). The hearing is your opportunity to answer and defend the allegations made in the Notice of Violation. You should come fully prepared for the hearing. You have the right to bring witnesses and other evidence, including evidence of actions taken to correct any condition charged. If you fail to appear for a scheduled hearing, a default order will be issued including penalties up to the maximum permitted by law.
2. **SETTLEMENT BY STIPULATION:** Certain violations can be resolved by mail through a stipulation. Settlement by stipulation does not require your attending a hearing. See page 2 to determine if you are being offered a chance to settle by stipulation. If you wish to accept the terms offered, complete page 2, the stipulation, and return it to the Environmental Control Board. The executed stipulation, with payment, must be returned to the Environmental Control Board before the hearing date. If you file late you must attend the scheduled hearing or you may be defaulted. If you are not offered a stipulation, you must appear for the hearing.
3. **REMEDIAL ACTION:** Because severe penalties can be imposed for the continuation of the violation, you should immediately correct all conditions that led to the Notice of Violation. Correcting conditions after a Notice of Violation has been issued may be considered in mitigating the amount of the penalty, but it does not eliminate any violation that existed on the date charged.

ADDITIONAL INSTRUCTIONS FOR BUILDING AND FIRE VIOLATIONS

4. **CERTIFICATION OF CORRECTION (CURE):** THIS FORM IS A COPY OF AN ORIGINAL NOTICE OF VIOLATION WHICH HAS ALREADY BEEN SERVED ON YOU OR DELIVERED TO YOUR EMPLOYEE AT THE LOCATION WHERE THE VIOLATION OCCURRED. THE ORIGINAL NOTICE CONTAINS ADDITIONAL INSTRUCTIONS TO YOU FROM THE PETITIONER (THE AGENCY WHICH ISSUED THIS NOTICE OF VIOLATION). It will also contain a Commissioner's order to correct the violation AND MAY PERMIT YOU TO CERTIFY SUCH CORRECTION AND AVOID AN APPEARANCE AT THE ENVIRONMENTAL CONTROL BOARD.

READ THE ORIGINAL NOTICE CAREFULLY

IF YOU HAVE BEEN OFFERED SUCH OPPORTUNITY TO CERTIFY CORRECTION, completed certification forms and all questions concerning procedures should be directed to the petitioner's office as indicated below:

FIRE DEPARTMENT
Enforcement Unit
250 Livingston Street
Brooklyn, New York 11201
Tel.# (718) 403-1372

BUILDINGS DEPARTMENT
Administrative Enforcement Unit
60 Hudson Street - 14th Floor
New York, New York 10013
Tel.# (212) 312-8400

NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**STIPULATION OFFER FROM
PETITIONER**

MAILING DATE: 12/08/94

VIOLATION NUMBER: 102-211-25N
INSTALLATION NUMBER: 080153600

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 01/03/95
TIME: 10:30 A.M.

STPF 102-211-25N S

300652H
DEPT OF TRANSPORTATION 841
448 HAMILTON AVE
BROOKLYN NY 11232-1015

NO STIPULATION OFFERED.

G22C-STIP-OFFER
REV. PAGE 2
SELF

SEE REVERSE SIDE FOR INSTRUCTIONS

STIPULATION ACCEPTANCE BY RESPONDENT

As, or on behalf of, the Respondent, I admit all material facts of the violation and wish to settle by stipulation without further hearing. I accept the stipulation terms offered by Petitioner on the reverse side of this page.

Signature

Capacity

Print Name

INSTRUCTIONS:

- 1. Make no changes. The stipulation will be void if you alter the terms. If you desire any changes, you must attend the hearing.
- 2. Sign in the area marked "Signature". Print your name below the signature, and the signer's title or capacity beside the signature. If you want a file copy, please make one on a copier.
- 3. Include check or money order for the total stipulated penalty amount as indicated in the stipulation payable to "Finance Commissioner, City of New York". To help assure that payment is properly credited, please write the violation number on the face of your check or money order.
- 4. Mail the executed stipulation and your payment to:

Environmental Control Board
Attn: Stipulation Desk
P.O. Box JAF 1443
New York, New York 10116

- 5. Remember, the stipulation must be received five days before the hearing date. If you do not accept the terms and return the properly executed stipulation and payment before this date, you must attend the scheduled hearing at the Environmental Control Board.

NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**NOTICE OF VIOLATION
AND HEARING**

VIOLATION NUMBER: 102-211-25N
INSTALLATION NUMBER: 080153600

MAILING DATE: 12/08/94

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 01/03/95
TIME: 10:30 A.M.

NOV 102-211-25N S

300652H
DEPT OF TRANSPORTATION 841
448 HAMILTON AVE
BROOKLYN NY 11232-1015

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COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V DEPT OF TRANSPORTATION 841
(PETITIONER) (RESPONDENT)

OCCURRENCE PLACE: 448 HAMILTON AVENUE BORO OR CITY: BROOKLYN
OBSERVATION MADE BY: TAX REGISTRY NUMBER: 593013
DATE: 11/21/94 ON OR ABOUT 09:15 A.M.

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VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION:	DESCRIPTION:	MAXIMUM PENALTY:
SUB-SECTION OR RULE: RULE 5-	FAILED TO PRODUCE PERMIT AND/OR RECORD	\$1000.00

G22A-NOV
REV. PAGE 1
SELF

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Enforcement Unit
250 Livingston Street
Brooklyn, New York 11201
Tel.# (718) 403-1372

BUILDINGS DEPARTMENT
Administrative Enforcement Unit
60 Hudson Street - 14th Floor
New York, New York 10013
Tel.# (212) 312-8400

NYC FIRE DEPARTMENT
250 LIVINGTON STREET
ENFORCEMENT - ROOM 509
BROOKLYN, N.Y. 11201

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**STIPULATION OFFER FROM
PETITIONER**

MAILING DATE: 12/08/94

VIOLATION NUMBER: 102-211-25N
INSTALLATION NUMBER: 080153600

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 01/03/95
TIME: 10:30 A.M.

STPF 102-211-25N S

300652H
DEPT OF TRANSPORTATION 841
448 HAMILTON AVE
BROOKLYN NY 11232-1015

NO STIPULATION OFFERED.

G22C-STIP-OFFER
REV. PAGE 2
SELF

SEE REVERSE SIDE FOR INSTRUCTIONS

STIPULATION ACCEPTANCE BY RESPONDENT

As, or on behalf of, the Respondent, I admit all material facts of the violation and wish to settle by stipulation without further hearing. I accept the stipulation terms offered by Petitioner on the reverse side of this page.

Signature

Capacity

Print Name

INSTRUCTIONS:

1. Make no changes. The stipulation will be void if you alter the terms. If you desire any changes, you must attend the hearing.
2. Sign in the area marked "Signature". Print your name below the signature, and the signer's title or capacity beside the signature. If you want a file copy, please make one on a copier.
3. Include check or money order for the total stipulated penalty amount as indicated in the stipulation payable to "Finance Commissioner, City of New York". To help assure that payment is properly credited, please write the violation number on the face of your check or money order.
4. Mail the executed stipulation and your payment to:

Environmental Control Board
Attn: Stipulation Desk
P.O. Box JAF 1443
New York, New York 10116

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ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK

NOTICE OF VIOLATION
AND HEARING

VIOLATION NUMBER: 106-303-21H
INSTALLATION NUMBER:

MAILING DATE: 08/13/99

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 08/17/99
TIME: 10:30 A.M.

*****5-DIGIT 11232
NOV 106-303-21H S
0402907 10 8
WILLIAM SLATER
448 HAMILTON AVE
BROOKLYN NY 11232-1015

BELOW IS A SUMMARY OF A VIOLATION PREVIOUSLY ISSUED TO THE NAMED RESPONDENT. THE RESPONDENT OR AN AUTHORIZED REPRESENTATIVE IS HEREBY DIRECTED TO RESPOND TO THE CHARGES AT A HEARING AS INDICATED ABOVE, OR IN THE ALTERNATIVE METHODS ACCEPTABLE TO THE ENVIRONMENTAL CONTROL BOARD AS EXPLAINED ON THE REVERSE SIDE.

COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V WILLIAM SLATER
(PETITIONER) (RESPONDENT)

OCCURRENCE PLACE: 448 HAMILTON AVE BORO OR CITY: BROOKLYN
OBSERVATION MADE BY: TAX REGISTRY NUMBER: 910740
DATE: 06/30/99 ON OR ABOUT 01:05 P.M.

INCVPTIGATION BY THE PETITIONER NAMED ABOVE HAS DETERMINED THAT THERE IS REASONABLE CAUSE TO BELIEVE THAT THE RESPONDENT AT THE PLACE AND DATE INDICATED ABOVE, HAS VIOLATED THE FOLLOWING PROVISIONS OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK OR RULES AND REGULATIONS PROMULGATED THEREUNDER. THIS VIOLATION IS SCHEDULED TO BE HEARD ON THE DATE, PLACE AND TIME INDICATED ABOVE.

VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION: SUB-SECTION OR RULE:	DESCRIPTION:	MAXIMUM PENALTY:
RULE 2- 0	FAIL TO CONDUCT REQUIRED TEST/INSPECTION	\$1000.00

ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK

**NOTICE OF VIOLATION
AND HEARING**

VIOLATION NUMBER: 106-303-19Z
INSTALLATION NUMBER:

MAILING DATE: 08/13/99

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 08/17/99
TIME: 10:30 A.M.

*****5-DIGIT 11232
NOV 106-303-19Z S
0402905 10 8

448 HAMILTON AVE
BROOKLYN NY 11232-1015

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COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V
(PETITIONER)

(RESPONDENT)

OCCURRENCE PLACE: 448 HAMILTON AVE
OBSERVATION MADE BY:
DATE: 06/30/99 ON OR ABOUT 01:05 P.M.

BORO OR CITY: BROOKLYN
TAX REGISTRY NUMBER: 910740

INCVPTIGATION BY THE PETITIONER NAMED ABOVE HAS DETERMINED THAT THERE IS REASONABLE CAUSE TO BELIEVE THAT THE RESPONDENT AT THE PLACE AND DATE INDICATED ABOVE, HAS VIOLATED THE FOLLOWING PROVISIONS OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK OR RULES AND REGULATIONS PROMULGATED THEREUNDER. THIS VIOLATION IS SCHEDULED TO BE HEARD ON THE DATE, PLACE AND TIME INDICATED ABOVE.

VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION: SUB-SECTION OR RULE:	DESCRIPTION:	MAXIMUM PENALTY:
RULE 1-	FAILED TO PROVIDE BUCKETS/EXTINGUISHERS	\$1000.00
RULE 9-	FAILED TO PROVIDE ADEQUATE EGRESS/SPACE	\$1000.00
RULE 1- 2	FAIL TO MAINTAIN SPK/STD/SUPP SYST	\$1000.00

ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK

NOTICE OF VIOLATION
AND HEARING

VIOLATION NUMBER: 106-303-19Z
INSTALLATION NUMBER:

MAILING DATE: 08/13/99

HEARING LOCATION: 233 SCHERMERHORN STREET
BROOKLYN NY 11201
FLOOR 11

HEARING DATE: 08/17/99
TIME: 10:30 A.M.

*****5-DIGIT 11232
NOV 106-303-19Z S
0402905 10 8

448 HAMILTON AVE
BROOKLYN NY 11232-1015

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COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V
(PETITIONER)

(RESPONDENT)

OCCURRENCE PLACE: 448 HAMILTON AVE
OBSERVATION MADE BY:
DATE: 06/30/99 ON OR ABOUT 01:05 P.M.

BORO OR CITY: BROOKLYN
TAX REGISTRY NUMBER: 910740

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VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION: SUB-SECTION OR RULE:	DESCRIPTION:	MAXIMUM PENALTY:
RULE 1-	FAILED TO PROVIDE BUCKETS/EXTINGUISHERS	\$1000.00
RULE 9-	FAILED TO PROVIDE ADEQUATE EGRESS/SPACE	\$1000.00
RULE 1- 2	FAIL TO MAINTAIN SPK/STD/SUPP SYST	\$1000.00

G22A-NOV
REV. PAGE 1

SEE REVERSE SIDE FOR INSTRUCTIONS

PROTECT YOUR RIGHTS: READ THIS INFORMATION

YOU ARE REQUIRED TO RESPOND TO THIS NOTICE OF VIOLATION

General Instructions

1. **HEARING:** You must appear for the hearing scheduled, either in person or by attorney or other authorized representative (who need not be an attorney). The hearing is your opportunity to answer and defend the allegations made in the Notice of Violation. You should come fully prepared for the hearing. You have the right to bring witnesses and other evidence, including evidence of actions taken to correct any condition charged. If you fail to appear for a scheduled hearing, a default order will be issued including penalties up to the maximum permitted by law.
2. **SETTLEMENT BY STIPULATION:** Certain violations can be resolved by mail through a stipulation. Settlement by stipulation does not require your attending a hearing. See page 2 to determine if you are being offered a chance to settle by stipulation. If you wish to accept the terms offered, complete page 2, the stipulation, and return it to the Environmental Control Board. The executed stipulation, with payment, must be returned to the Environmental Control Board before the hearing date. If you file late you must attend the scheduled hearing or you may be defaulted. If you are not offered a stipulation, you must appear for the hearing.
3. **REMEDIAL ACTION:** Because severe penalties can be imposed for the continuation of the violation, you should immediately correct all conditions that led to the Notice of Violation. Correcting conditions after a Notice of Violation has been issued may be considered in mitigating the amount of the penalty, but it does not eliminate any violation that existed on the date charged.

ADDITIONAL INSTRUCTIONS FOR BUILDING AND FIRE VIOLATIONS

4. **CERTIFICATION OF CORRECTION (CURE):** THIS FORM IS A COPY OF AN ORIGINAL NOTICE OF VIOLATION WHICH HAS ALREADY BEEN SERVED ON YOU OR DELIVERED TO YOUR EMPLOYEE AT THE LOCATION WHERE THE VIOLATION OCCURRED. THE ORIGINAL NOTICE CONTAINS ADDITIONAL INSTRUCTIONS TO YOU FROM THE PETITIONER (THE AGENCY WHICH ISSUED THIS NOTICE OF VIOLATION). It will also contain a Commissioner's order to correct the violation AND MAY PERMIT YOU TO CERTIFY SUCH CORRECTION AND AVOID AN APPEARANCES AT THE ENVIRONMENTAL CONTROL BOARD.

READ THE ORIGINAL NOTICE CAREFULLY

IF YOU HAVE BEEN OFFERED SUCH OPPORTUNITY TO CERTIFY CORRECTION, completed certification forms and all questions concerning procedures should be directed to the petitioner's office as indicated below:

FIRE DEPARTMENT
Enforcement Unit
9 Metrotech Center
Room 1S-30K
Brooklyn, New York 11201-3857
Tel. # (718) 999-2392

BUILDINGS DEPARTMENT
Administrative Enforcement Unit
60 Hudson Street - 14th floor
New York, New York 10013
Tel. # (212) 312-8400

**ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK**

**STIPULATION OFFER FROM
PETITIONER**

VIOLATION NUMBER: 106-303-19Z
INSTALLATION NUMBER:

MAILING DATE: 08/13/99

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 08/17/99
TIME: 10:30 A.M.

*****5-DIGIT 11232
STPF 106-303-19Z S
0302905 10 8

448 HAMILTON AVE
BROOKLYN NY 11232-1015

NO STIPULATION OFFERED.

G22C-STIP-OFFER
REV. PAGE 2

SEE REVERSE SIDE FOR INSTRUCTIONS

STIPULATION ACCEPTANCE BY RESPONDENT

As, or on behalf of, the Respondent, I admit all material facts of the violation and wish to settle by stipulation without further hearing. I accept the stipulation terms offered by Petitioner on the reverse side of this page.

Signature

Capacity

Print Name

INSTRUCTIONS:

1. Make no changes. The stipulation will be void if you alter the terms. If you desire any changes, you must attend the hearing.
2. Sign in the area marked "Signature". Print your name below the signature, and the signer's title or capacity beside the signature. If you want a file copy, please make one on a copier.
3. Include check or money order for the total stipulated penalty amount as indicated in the stipulation payable to "Finance Commissioner, City of New York". To help assure that payment is properly credited, please write the violation number on the face of your check or money order.
4. Mail the executed stipulation and your payment to:

Environmental Control Board
Attn: Stipulation Desk
P.O. Box JAF 1443
New York, New York 10116

5. Remember, the stipulation must be received five days before the hearing date. If you do not accept the terms and return the properly executed stipulation and payment before this date, you must attend the scheduled hearing at the Environmental Control Board.

ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK

**NOTICE OF VIOLATION
AND HEARING**

VIOLATION NUMBER: 106-303-21H
INSTALLATION NUMBER:

MAILING DATE: 08/13/99

HEARING LOCATION: 233 SCHERMERHORN STREET
BROOKLYN NY 11201
FLOOR 11

HEARING DATE: 08/17/99
TIME: 10:30 A.M.

*****5-DIGIT 11232
NOV 106-303-21H S
0402907 10 8
WILLIAM SLATER
448 HAMILTON AVE
BROOKLYN NY 11232-1015

BELOW IS A SUMMARY OF A VIOLATION PREVIOUSLY ISSUED TO THE NAMED RESPONDENT. THE RESPONDENT OR AN AUTHORIZED REPRESENTATIVE IS HEREBY DIRECTED TO RESPOND TO THE CHARGES AT A HEARING AS INDICATED ABOVE, OR IN THE ALTERNATIVE METHODS ACCEPTABLE TO THE ENVIRONMENTAL CONTROL BOARD AS EXPLAINED ON THE REVERSE SIDE.

COMMISSIONER OF THE FIRE DEPARTMENT OF NYC V WILLIAM SLATER
(PETITIONER) (RESPONDENT)
OCCURRENCE PLACE: 448 HAMILTON AVE BORO OR CITY: BROOKLYN
OBSERVATION MADE BY: TAX REGISTRY NUMBER: 910740
DATE: 06/30/99 ON OR ABOUT 01:05 P.M.

INCVPTIGATION BY THE PETITIONER NAMED ABOVE HAS DETERMINED THAT THERE IS REASONABLE CAUSE TO BELIEVE THAT THE RESPONDENT AT THE PLACE AND DATE INDICATED ABOVE, HAS VIOLATED THE FOLLOWING PROVISIONS OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK OR RULES AND REGULATIONS PROMULGATED THEREUNDER. THIS VIOLATION IS SCHEDULED TO BE HEARD ON THE DATE, PLACE AND TIME INDICATED ABOVE.

VIOLATION(S) OF THE ADMINISTRATIVE CODE OR RULES AND REGULATIONS

SECTION: SUB-SECTION OR RULE:	DESCRIPTION:	MAXIMUM PENALTY:
RULE 2- 0	FAIL TO CONDUCT REQUIRED TEST/INSPECTION	\$1000.00

PROTECT YOUR RIGHTS: READ THIS INFORMATION

YOU ARE REQUIRED TO RESPOND TO THIS NOTICE OF VIOLATION

General Instructions

1. **HEARING:** You must appear for the hearing scheduled, either in person or by attorney or other authorized representative (who need not be an attorney). The hearing is your opportunity to answer and defend the allegations made in the Notice of Violation. You should come fully prepared for the hearing. You have the right to bring witnesses and other evidence, including evidence of actions taken to correct any condition charged. If you fail to appear for a scheduled hearing, a default order will be issued including penalties up to the maximum permitted by law.
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Enforcement Unit
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Brooklyn, New York 11201-3857
Tel. # (718) 999-2392

BUILDINGS DEPARTMENT
Administrative Enforcement Unit
60 Hudson Street - 14th floor
New York, New York 10013
Tel. # (212) 312-8400

ENVIRONMENTAL CONTROL BOARD
CITY OF NEW YORK

**STIPULATION OFFER FROM
PETITIONER**

VIOLATION NUMBER: 106-303-21H
INSTALLATION NUMBER:

MAILING DATE: 08/13/99

HEARING 233 SCHERMERHORN STREET
LOCATION: BROOKLYN NY 11201
FLOOR 11

HEARING
DATE: 08/17/99
TIME: 10:30 A.M.

*****5-DIGIT 11232
STPF 106-303-21H S
0302907 10 8
WILLIAM SLATER
448 HAMILTON AVE
BROOKLYN NY 11232-1015

NO STIPULATION OFFERED.

G22C-STIP-OFFER
REV. PAGE 2

SEE REVERSE SIDE FOR INSTRUCTIONS

STIPULATION ACCEPTANCE BY RESPONDENT

As, or on behalf of, the Respondent, I admit all material facts of the violation and wish to settle by stipulation without further hearing. I accept the stipulation terms offered by Petitioner on the reverse side of this page.

Signature

Capacity

Print Name

INSTRUCTIONS:

1. Make no changes. The stipulation will be void if you alter the terms. If you desire any changes, you must attend the hearing.
2. Sign in the area marked "Signature". Print your name below the signature, and the signer's title or capacity beside the signature. If you want a file copy, please make one on a copier.
3. Include check or money order for the total stipulated penalty amount as indicated in the stipulation payable to "Finance Commissioner, City of New York". To help assure that payment is properly credited, please write the violation number on the face of your check or money order.
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Environmental Control Board
Attn: Stipulation Desk
P.O. Box JAF 1443
New York, New York 10116

5. Remember, the stipulation must be received five days before the hearing date. If you do not accept the terms and return the properly executed stipulation and payment before this date, you must attend the scheduled hearing at the Environmental Control Board.



CROSS STREETS

Hamilton Ave

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

E 23032

VIOLATION ORDER

To 448 Hamilton Ave, Bklyn, Ny NYC DOT
ADDRESS NAME OF OWNER, LESSEE, OCCUPANT, ETC.

Ground DOT Asphalt plant 05113279
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	1	In the interest of public safety: Repair as required the secondary discharge pipings of diesel tanks which wasn't passed after the test. Also remove all water/fuel mix from all sumps and kept dry at all times. Ad. Code 27-6081.
		<u>note:</u> At the time of this inspection contractor can't test, one of the diesel discharge line.
	2	Provide this office with an affidavit on all such repairs above, by a licensed underground tank installer who made the repairs and arrange for an appointment with this unit to witness an air/precision test of the repaired discharge lines.

If this order has not been complied with in, 15 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR NUMBERING

TO 24

FOR DISMISSAL

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Mg. Bill Slater Plant Manager (718) 369-4246
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

S. MARTEN 8-18-99 BFSU
INSPECTOR DATE UNIT

Unit Address 9 Medrotech, Bklyn 11201 Unit Telephone (718) 999-2461

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 2-0505

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: Dept. of Transportation
Address: 448 Hamilton Ave
City and State: Brooklyn, NY
Authorized Signature: [Signature]
Account/Folder No.: 05113279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No.:
Signature: <u>[Signature]</u>	<u>11</u>
Name: <u>S. MATHEN</u>	
Date: <u>11.10.99</u>	Time: <u>12:15</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
925	11.10.99	11:00	12:00	60	210	A re-test was done satisfactory on the repaired secondary line of diesel. One diesel line was not tested, due to water covered in sump.
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: 210.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
901 To refine or distill (per site) (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
925 —actual hours at site (per hour)	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
928 Underground Piping (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour)	\$ 210.
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
BURIED TANKS		FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.
025 Site inspection	\$ 105.	851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.
026 Discharge lines inspection (per site)	\$ 365.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	242 —initial inspection (per hour)	\$ 210.	552 —occupancy: 150 to 499	\$ 520.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	243 —subsequent inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
028 Tank inspection (per site)	\$ 355.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	Per magazine without electric alarm:		554 —occupancy: 1,000 to 2,499	\$ 725.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			244 —initial inspection (per hour)	\$ 210.	555 —occupancy: 2,500 or greater	\$ 830.
Review and inspection during the time of new tank installation:				245 —subsequent inspection (per hour)	\$ 210.	551 —open flame permit	\$ 210.
031 —with discharge lines	\$ 1,385.			THEATRICALS AND TELEVISION SPECIAL EFFECTS		654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER

No 2-0505

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Account
Name: Dept. of Transportation
Address: 1118 Hamilton Ave
City and State: Brooklyn NY
Authorized Signature: [Signature]
Account/Folder No.: 0511 3279

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No.:	11
Signature:	<u>[Signature]</u>	
Name:	S. MATHEW	
Date:	(PLEASE PRINT) 11.10.99	Time: 12:15

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
925	11.10.99	11:00	12:00	60	210	A re-test was done satisfactory on the repaired secondary line of diesel. One diesel line was not tested, due to water covered in sumph
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			
		:	:			

Total Due: 210.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
320 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour) ..	\$ 210.	860 Other Special Protective Systems—Initial installation (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour) ..	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour) ..	\$ 210.	544 —occupancy: 75 or more	\$ 415.
Siamese connection inspection:		870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
923 —per initial siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities: —for each occupancy within a facility	\$ 210.
324 —per additional siamese connection (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
901 To refine or distill (per site) (per hour) Major construction at bulk storage sites, including fire protection systems (per project):	\$ 210.	882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 actual hours at site (per hour) ..	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour) Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
328 Underground Piping (per hour) ..	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	549 —occupancy: less than 75	\$ 310.
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025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system) ..	\$ 285.	Per magazine with electric alarm:		553 —occupancy: 500 to 999	\$ 625.
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027 Dry chemical extinguishing system test—where installed (per system) ..	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	243 —subsequent inspection (per hour) ..	\$ 210.	555 —occupancy: 2,500 or greater ..	\$ 830.
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031 —with discharge lines	\$ 1,385.					REINSPECTIONS	
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**New York City
Department of Transportation**

Wilbur L. Chapman, Commissioner

MEMORANDUM

To: Tom Siano

From: Matthew Brinton *MB*
Office of Safety and Health

Date: December 21, 1999

Subject: Three Outstanding Fire Department Violations (D 77111, E 23032, E 23033)

I am forwarding these violations to you for your attention. Please have all necessary actions taken to abate these conditions. Our office will assist you in any way possible. Thank you, for your attention in this matter.

CC: J. Massey



FIRE DEPARTMENT

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

Date: December 16, 1999

To: Department of Transportation
Mr. John Massey
Violations Coordinator
40 Worth Street – room 810
New York, NY 10013

Re: Non-Compliance of outstanding Violation Order
Premises: 448 Hamilton Avenue
Brooklyn, NY

A re-inspection conducted by this Department, indicates that violation order # **E 23033** issued to one of your premises has not been complied with. In the interest of public safety and by the direction of the Office of the Mayor, we ask your cooperation and prompt compliance with said violation order. (copy attached)

If you have any questions regarding this matter, contact the Inter-City desk in the Public Building Unit at (718) 999-1624.

Very truly yours,

Gerard A. Barbara
Chief of Fire Prevention

Non-comDOT.doc
GB/cm



CROSS STREETS

Hamilton Ave

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION _____

D.O. 26

VIOLATION ORDER

E 23033

To 4480 Hamilton Ave, Bklyn, NY ADDRESS DOT NAME OF OWNER, LEASEE, OCCUPANT, ETC. DOT

Ground ROOM NO. OR FLOOR DOT Asphalt Plant TYPE OF OCCUPANCY 05113279 ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	
SP	3	This V.O in conjunction with E 23032
N.C.W		Have the fire suppression system
		inspected by a licensed master fire
		suppression contractor at every six months
		as required. 3RCNY 21-19 C.3
		Last test 97. August.

If this order has not been complied with in, 15 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 | **TO 24**
FOR -NUMBERING | **FOR DISMISSAL**

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Mr. Bill Slater Plant Manager (518) 369-4216
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

S. MATHEN 8.18.99 BE 54
 INSPECTOR DATE UNIT

Unit Address 9 Metrotech, Bklyn, 11201 Unit Telephone (518) 999-2461



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

Date: December 16, 1999

To: Department of Transportation
Mr. John Massey
Violations Coordinator
40 Worth Street – room 810
New York, NY 10013

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Brooklyn, NY

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Very truly yours,


Gerard A. Barbara
Chief of Fire Prevention

Non-comDOT.doc
GB/cm



CROSS STREETS

Hamilton Ave

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION

D.O. 26

E 23032

VIOLATION ORDER

To 448 Hamilton Ave, Bklyn, NY
 ADDRESS
 Ground DOT Asphalt plant
 ROOM NO. OR FLOOR TYPE OF OCCUPANCY
 NYC DOT
 NAME OF OWNER, LEASEE, OCCUPANT, ETC.
 05113279
 ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
SP	1	In the interest of public safety: Repair as required the secondary discharge pipings of diesel tanks which wasn't passed after the test. Also remove all water/fuel mix from all sumps and kept dry at all times. Ad. Code 29-1081. N.C.W
		note: At the time of this inspection contractor can't test one of the diesel discharge line.
	2	Provide this office with an affidavit on all such repairs above, by a licensed underground tank installer who made the repairs and arrange for an appointment with this unit to witness an air/precision test of the repaired discharge lines. C.W

one line not tested due to water in sump.

If this order has not been complied with in, 15 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR NUMBERING
 TO 24 FOR DISMISSAL

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Mr. Bill Slater Plant Manager (618) 369-4246
 NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
 S. MARIEN 8-18-99
 INSPECTOR DATE BESU UNIT

Unit Address 9 Mediatech, Bklyn 11201 Unit Telephone (518) 999-2461

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No 2-3870

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Name: DOT Asphalt plant
 Address: 448 Hamilton Ave
 City and State: Brooklyn N.Y.
 Authorized Signature: [Signature]
 Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No.:
<u>[Signature]</u>	<u>434</u>
Signature:	
Name:	
Date:	Time:
<u>01-21-00</u>	<u>2:30</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>01-21-00</u>	<u>2:00</u>	<u>2:30</u>	<u>1/2 hr</u>	<u>105.00</u>	<u>Re-inspection of V.O.'s # E22609</u>
						<u>E86734 (Item 2:4:5)</u>
						<u>D86735, D86739</u>
						<u>was done,</u>
						<u>No on v.o. of e.w</u>
						<u>Y.C.</u>

Total Due: \$108.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
BULK OIL STORAGE		EXPLOSIVES		PLACES OF PUBLIC ASSEMBLY			
Equivalent unit of storage = (1 x n gallons of tank capacity in millions of gallons) + (3 x each actual unit of storage)		241 To store and sell blasting caps (per hour)	\$ 210.	865 Rangehood System—Electrical—Annual Inspection	\$ 70.	Movie theatres, bars, sidewalk cafes, single arcade occupancy, billiard parlors, concert halls:	
920 Site inspection—per equivalent unit	\$ 70.	254 To use and/or store explosives—actual hours at site (per hour)	\$ 210.	860 Other Special Protective Systems—Initial installation* (per system) (carbon dioxide, foam, dry chemical, smoke control, etc.) (per hour)	\$ 210.	543 —occupancy: less than 75	\$ 310.
921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 —per initial siamese connection (per hour)	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
924 —per additional siamese connection (per hour)	\$ 210.	874 Full Class E Systems (in new buildings) (per hour)	\$ 210.	863 Sprinkler Dry Valve Trip Test (per valve)	\$ 515.	Major outdoor amusement facilities:	
901 To refine or distill (per site) (per hour)	\$ 210.	878 Modified Class E Systems (in existing buildings) with mixed occupancies (per hour)	\$ 210.	FIREWORKS		546 —for each occupancy within a facility	\$ 210.
Major construction at bulk storage sites, including fire protection systems (per project):		882 Partial Class E Systems (in new buildings) on-going installation (per hour)	\$ 210.	285 To discharge at displays—actual hours at site (per hour)	\$ 210.	547 Indoor skating rinks, bowling alleys, exhibition halls	\$ 415.
925 —actual hours at site (per hour)	\$ 210.	884 All fire alarm systems, other than Class E Systems (not otherwise classed, exempted or rated) (per hour)	\$ 210.	HIGH RISE/HOTEL/MOTEL		548 Sports arenas, stadiums (per hour)	\$ 210.
928 Underground Piping (per hour)	\$ 210.	560 To use spray booths	\$ 310.	890 Site inspection	\$ 570.	Nightclubs, dance halls, discotheques, cabarets, restaurants, caterers:	
929 Pressure Tests Tanks/Piping (per hour)	\$ 210.	FIRE SUPPRESSION SYSTEMS		894 Fire Safety Director Exam (as required) (onsite exam)	\$ 445.	549 —occupancy: less than 75	\$ 310.
BURIED TANKS		851 Halon Systems—initial installation (per system) (includes fire suppression and electrical unit inspections) (per hour)	\$ 210.	MAGAZINES		550 —occupancy: 75 to 149	\$ 415.
025 Site inspection	\$ 105.	858 Rangehood Systems—Mechanical—Initial installation (per system)	\$ 285.	Per magazine with electric alarm:		552 —occupancy: 150 to 499	\$ 520.
026 Discharge lines inspection (per site)	\$ 365.	864 Rangehood System—Mechanical—Annual Inspection	\$ 70.	242 —initial inspection (per hour)	\$ 210.	553 —occupancy: 500 to 999	\$ 625.
027 Dry chemical extinguishing system test—where installed (per system)	\$ 750.	859 Rangehood Systems—Electrical—Initial installation (per system) (includes fire suppression and electrical unit inspections)	\$ 580.	243 —subsequent inspection (per hour)	\$ 210.	554 —occupancy: 1,000 to 2,499	\$ 725.
028 Tank inspection (per site)	\$ 355.			Per magazine without electric alarm:		555 —occupancy: 2,500 or greater	\$ 830.
029 Reopen, modification or inspection of repaired tanks	\$ 320.			244 —initial inspection (per hour)	\$ 210.	551 —open flame permit	\$ 210.
Review and inspection during the time of new tank installation:				245 —subsequent inspection (per hour)	\$ 210.	THEATRICALS AND TELEVISION SPECIAL EFFECTS	
031 —with discharge lines	\$ 1,385.					654 To monitor special effects utilizing flammable, combustible, explosive or pyrotechnical materials—actual hours at site (per hour)	\$ 210.
032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

STATEMENT OF ACCOUNT FOR SERVICES RENDERED

FIRE DEPARTMENT OF NEW YORK
Bureau of Fire Prevention

INVOICE NUMBER
No. 2-3870

THIS BILL PAYABLE UPON RECEIPT. FAILURE TO PAY SHALL CONSTITUTE A LIEN UPON THE PREMISES PURSUANT TO N.Y.C. ADMIN. CODE §274029.01

Return white copy with payment. Write Invoice Number on check or money order, payable to:

Name: DOT Asphalt plant
 Address: 448 Hamilton Ave
 City and State: Brooklyn, N.Y.
 Authorized Signature: [Signature]
 Account/Folder No.: 08015364

FIRE DEPARTMENT OF NEW YORK
9 MetroTech Center
Brooklyn, N.Y. 11201-3857
(718) 999-2492

INSPECTOR	Badge No. <u>431</u>
Signature: <u>[Signature]</u>	
Name: <u>Y. J. Decaro</u>	
Date: <u>01-21-00</u>	Time: <u>2:30</u>

PRINT EACH INSPECTION SEPARATELY

Type of Inspection (Item No.)	Date	Start Time	End Time	Elapsed Time	Fee	Comments
<u>999</u>	<u>01-21-00</u>	<u>8:00</u>	<u>2:30</u>	<u>1hr</u>	<u>105.00</u>	<u>Re-inspection of V.O.'s # E22609 E86734 (item 2:4:5) DR67705, DR6739, was done. No new V.O. in C.W.</u>

Total Due: 8105.00

SCHEDULE OF FEES* (FREQUENCY OF INSPECTION AS REQUIRED BY CODE/REGULATION)

Item No.	Fees	Item No.	Fees	Item No.	Fees	Item No.	Fees
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921 Fire protection system inspection (per hour)	\$ 210.	FIRE ALARM SYSTEMS		861 Fire and Booster Pumps—Electrical (per pump)—initial installation (includes fire suppression and electrical unit inspection) (per hour)	\$ 210.	544 —occupancy: 75 or more	\$ 415.
923 Siamese connection inspection: —per initial siamese connection	\$ 210.	870 Modified Class E Systems (in existing buildings) (per hour)	\$ 210.	862 Fire and Booster Pumps—Internal combustion engine (per pump)—Initial installation (per hour)	\$ 210.	545 —Each additional theatre in a complex	\$ 120.
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032 —without discharge lines	\$ 1,180.					REINSPECTIONS	
						999 All Reinspections (per hour)	\$ 210.

*Per hour charge is per inspector.

1—White copy: Return with payment 2—Canary copy: Customer copy 3—Pink copy: Cashier copy 4—Goldenrod copy: Office copy.

CERTIFICATE OF CORRECTION

State of New York)
County of _____) ss:

I _____, being duly sworn, depose and say that I am the respondent cited in the

PRINT YOUR NAME

Notice of Violation and that I admit the existence of the violation(s) described in the Notice of Violation.

Check one { I have corrected all said violations as ordered by the Commissioner
or
 I have only corrected Rule Number(s) _____
and will attend hearing on scheduled date.

(The respondent certifies that *all* violations have been corrected if no box is checked.)

I have attached legible copies of any and all bills, receipts and other proof of correction to this certification as required.

SIGNATURE

(Sign only before a notary)

TO BE COMPLETED BY NOTARY

County of _____ Registration Number _____ SEAL
Sworn to before me this _____ day of _____ 19____ Notary Number _____
Signature of Notary _____ Commission Expires _____

The Fire Commissioner reserves the right to reject any Certificate of Correction that is incomplete. False certification is punishable by a fine of not less than \$1,000 nor more than \$5,000 and/or up to 6 months imprisonment pursuant to Administration Code Section 15-220.1

CERTIFICATION INSTRUCTIONS

For first offenses:

1. ALL offenders must correct the violation(s) cited on the NOTICE OF VIOLATION.
2. All offenders must complete the Certificate of Correction above and have it notarized. *Do not* detach above certificate from this page.
3. Attach legible copies of any and all bills, receipts and/or other proof of compliance to this Certificate of Correction (see correction requirements on reverse of green copy) and submit them along with this Certificate.
4. Return the completed Certificate of Correction with all appropriate documentation attached to the **Bureau of Fire Prevention, Enforcement Unit, 9 Metro Tech East, Brooklyn, New York 11201-3857 by the close of business on the date indicated on the NOTICE OF VIOLATION for return of the certificate. (See reverse side for return date)**
5. Respondents will be notified by mail if their Certificate of Correction has been disapproved and of the appropriate action to take to correct same.
6. If it is impossible to correct any or all violations within the time indicated, you may be eligible for a stipulation extending the time to correct. A request for a stipulation extending compliance time must be made at the hearing and is subject to the approval of the Fire Department and the ECB.
7. If you properly certify that ALL violations have been corrected, you will be excused from appearing at the scheduled ECB hearing and no penalty will be imposed.
8. If you fail to comply with (7) above or if you are a repeat offender, you will be required to attend the ECB hearing designated on the NOV and bring any and all proof of correction to the hearing

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- Manhattan: 1250 Broadway, 7th Fl. (212) 971-3601/03
- Queens: 144-06 94th Avenue, Jamaica - Main Floor (718) 298-7300
- Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305
- Staten Island: 350 St. Marks Place, 4th Fl., St. George, SI (212) 971-3600
- Bronx: 1932 Arthur Ave., 6th Fl., (212) 971-3601-03

ENVIRONMENTAL CONTROL BOARD **NOTICE OF VIOLATION AND HEARING** **VIOLATION NO. 10630320 X**

Fire Commissioner of the City of New York, Petitioner vs Respondent:
 Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)
 Street Number _____ Prefix _____ Street Name _____
 Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns
 AKA NYC DOT + 44 TRAVEL - ASHOLD + 44-07

Mailing Address (if different from premises address)
 Street Number _____ Prefix _____ Street Name _____
 Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns; 6=Out of City
 Add Info _____

Notice of Violation and Order to Correct and Certify Correction:
 PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy).
 The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire Prevention, Enforcement Unit, 9 Metro Tech East, Brooklyn, New York 11201-3857 (718) 999-2392 by close of business on _____ First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:
 If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on _____ at _____ at _____ at _____ at the ECB Hearing Office located in _____ Brooklyn _____ Manhattan _____ Queens _____ Staten Island _____ Bronx.
 (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.
 REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03."

- Rule 1 Buckets and/or Fire Extinguishers**
 Failed to provide _____ fire buckets filled with (sand/water) and/or _____ approved, operative fire extinguishers at _____ as required.
- Rule 2 Waste Receptacles**
 Failed to provide _____ approved receptacles for waste at _____ as required.
- Rule 3 No Permit**
 (Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
 (Sold/Stored/Used/Manufactured/Transported) _____ of _____ in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
 Failed to produce (permit/record) regarding _____ at _____ as required.
- Rule 6 Signs/Postings/Instructions**
 Failed to provide (Signs/Postings/Instructions) for _____ at _____ as required.
- Rule 7 Labels/Marks/Stamps**
 Failed to provide (Labels/Marks/Stamps) for _____ at _____ as required.
- Rule 8 Obstructions/Accumulations**
 Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ from _____ as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
 Failed to provide adequate (egress/aisle space/clearance) at _____ as required.
- Rule 10 Operating Contrary to C of O**
 Operated _____ contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
 Failed to maintain _____ in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
 Failed to properly (provide/maintain) _____ system or part thereof as required. Describe below.
- Rule 13 Fire Retardant Material**
 Failed to provide/maintain non-combustible material _____ at _____ or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
 Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ as required.
- Rule 15 Fireproof Partitions or Walls**
 Failed to (provide/maintain) fireproof partitions or walls at _____ as required.
- Rule 16 Ventilation**
 Failed to provide (approved vents/adequate ventilation) at _____ as required.
- Rule 17 Certificates of Fitness**
 Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for _____ SPECIFY _____
- Rule 18 Certificates of Approval/Qualification/License**
 Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ as required. SPECIFY _____
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
 Failed to provide for _____ from _____ SIGNATORY _____ as required.
- Rule 20 Test/Inspection**
 Failed to conduct required (equipment/system) (test/inspection) of _____ as required. SPECIFY _____
- Rule 21 Containers**
 Failed to provide approved containers for _____ as required. SPECIFY _____
- Rule 22 Tanks/Supports**
 Failed to (provide/maintain) approved tanks/supports for _____ as required. SPECIFY _____
- Rule 23 Storage**
 Failed to provide (vaults/cabinets/room/area) for the storage of _____ as required. SPECIFY _____
- Rule 24 Racks**
 Failed to provide appropriate racks at _____ as required. LOCATION _____
- Rule 25 Electrical Equipment**
 Failed to (provide/protect/maintain) _____ electrical equipment as required. TYPE _____
- Rule 26 Approved Refrigeration/Heating Devices or Units**
 Failed to (provide/protect/maintain) _____ (refrigeration/heating) devices as required. TYPE _____
- Rule 27 Approved Lighting Devices**
 Failed to (provide/protect/maintain) _____ lighting devices as required. Specify type of protection required: _____
- Rule 28 Exposed Flames or Sparks**
 (Unlawfully allowed/failed to protect) exposed flame or spark at _____ as required. LOCATION _____
- Rule 29 Designated Areas**
 Failed to (provide/maintain) designated area/premises for _____ as required. SPECIFY _____
- Rule 30 Fire Safety in Office Buildings/Hotels/Motels**
 Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____
- Repeat Violation (\$15-229)**
 Failed to correct Rule(s) _____ as previously cited on NOV # _____ (Respondent must appear at the hearing.)
- False Certification (\$15-220.1)**
 Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
- Other Code Section/Rule** _____ Describe offense below. SPECIFY SECTION _____

Description of Violation: Failed to provide fireproof doors/windows
for fireproof doors/windows on 7/19/96 - 6071007

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above.
 All statements made herein are affirmed under penalty of perjury. Date of Offense: 7/19/96 Time: 10:00 a.m./p.m.

Inspector's Tax Registry Number 710710 INSPECTOR'S SIGNATURE _____
 PRINT NAME James P. ...

NEW YORK CITY FIRE DEPARTMENT

COMMISSIONER'S ORDER TO CORRECT AND CERTIFY CORRECTION

CORRECTION REQUIREMENTS

You are hereby ordered by the Fire Commissioner to correct the violation(s) of Code and/or Rule indicated on the front of this Notice of Violation in the manner described below or in any other manner commensurate with law.

- | | |
|--|--|
| <p>Rule 1 Provide fire buckets and/or fire extinguishers as indicated.</p> <p>Rule 2 Provide approved receptacles for waste as indicated.</p> <p>Rule 3 Obtain designated permit. (Submit copy of permit fee receipt.)</p> <p>Rule 4 Reduce to the amount stated on the permit goods sold/stored/used/ manufactured/transported.</p> <p>Rule 5 Furnish indicated permit and/or records.</p> <p>Rule 6 Provide signs/postings/instructions as indicated.</p> <p>Rule 7 Provide labels/marks/stamps as indicated.</p> <p>Rule 8 Remove all obstructions/accumulations of indicated material.</p> <p>Rule 9 Provide adequate egress/aisle space/clear space at designated locations.</p> <p>Rule 10 Comply with or amend existing C of O.</p> <p>Rule 11 Maintain stated area in proper condition.</p> <p>Rule 12 Provide/maintain sprinkler/standpipe/alarm/suppression system as indicated.</p> <p>Rule 13 Provide manufacturers specifications for non-combustible materials or an affidavit of flame proofing from a certified flame proofer.</p> <p>Rule 14 Provide/maintain self-closing fireproof doors/windows at designated location.</p> <p>Rule 15 Provide/maintain fireproof partition/wall at designated location.</p> <p>Rule 16 Provide approved vents/ventilation at designated location.</p> | <p>Rule 17 Obtain the designated Certificate of Fitness. (Submit copy of Certificate of Fitness.)</p> <p>Rule 18 Obtain designated Certificate of Approval/Occupancy/Qualification/ License. (Submit copy of Certificate as indicated.)</p> <p>Rule 19 Provide indicated affidavits/documentation/plans/applications. (Submit copy of indicated document.)</p> <p>Rule 20 Conduct designated inspection/test.</p> <p>Rule 21 Provide approved containers as indicated.</p> <p>Rule 22 Provide approved tanks as indicated.</p> <p>Rule 23 Provide vaults/cabinets/room/area as indicated.</p> <p>Rule 24 Provide appropriate racks as indicated.</p> <p>Rule 25 Provide/protect/maintain electrical equipment as indicated.</p> <p>Rule 26 Provide/protect/maintain refrigeration and/or heating devices as indicated.</p> <p>Rule 27 Provide/protect/maintain lighting devices as indicated.</p> <p>Rule 28 Remove/protect open flame or spark at designated location.</p> <p>Rule 29 Provide/maintain designated area/premises as indicated.</p> <p>Rule 30 Comply with safety regulations in office buildings/hotels/motels as indicated.</p> <p>Repeat Offense §15-229. Appear at the ECB Hearing and certify correction then.</p> <p>False Certification §15-220.1. Respondent <i>must</i> appear at hearing.</p> |
|--|--|

Copies of the Administrative Code and/or Fire Department Rules can be found at the Municipal Reference and Research Center, 31 Chambers Street, Room 112, New York, N.Y.

CERTIFICATE REQUIREMENTS

Correction must be certified in accordance with the instructions on the Certificate of Correction issued by the inspector along with this Notice of Violation (Gold copy). The Certificate of Correction must be received by the date indicated on the front of this Notice.

TABLE OF MAXIMUM PENALTIES

If the charged violation(s) of Code and/or Rule be proven or admitted at hearing, the Respondent may be subject to civil penalties for each violation up to the maximum amounts set forth on the following schedule:

FIRST OFFENSE
Rule 1 through Rule 30
\$1,000 Per Violation

REPEAT VIOLATION(S)
\$5,000 Per Violation

FALSE CERTIFICATION
\$5,000 Per Violation

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- | | |
|---|--|
| <ul style="list-style-type: none"> * Manhattan: 1250 Broadway, 7th Fl. (212) 971-3601/03 * Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305 * Bronx: 1932 Arthur Ave., 6th Fl., (212) 971-3601-03 | <ul style="list-style-type: none"> * Queens: 144-06 94th Avenue, Jamaica - Main Floor (718) 298-7300 * Staten Island: 350 St. Marks Place, 4th Fl., St. George, St. (212) 971-3600 |
|---|--|

THE FIRE DEPARTMENT RESERVES THE RIGHT TO RE-INSPECT ANY PREMISES IN ORDER TO MONITOR COMPLIANCE.

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK **NOTICE OF VIOLATION AND HEARING** **VIOLATION NO. 10630321 H**



Fire Commissioner of the City of New York, Petitioner vs Respondent:
William Slioter
Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)
Street Number 448 Prefix _____ Street Name HAMILTON AVE
Type AVE Suffix _____ Zip Code 11232 Boro Code 04 1=Man; 2=Bx; 3=SI; 4=BKLYN; 5=Qns
AKA NYC Dept of Trans - ASH QTH PLANT

Mailing Address (if different from premises address)
Street Number _____ Prefix _____ Street Name _____
Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=BKLYN; 5=Qns; 6=Out of City
Add Info _____

Notice of Violation and Order to Correct and Certify Correction:
PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy).
The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire Prevention, Enforcement Unit, 9 Metro Tech East, Brooklyn, New York 11201-3857 (718) 999-2392 by close of business on 8/4/99. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:
If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 8/17/99 at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island Bronx. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.
REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

- Rule 1 Buckets and/or Fire Extinguishers**
 Failed to provide _____ NUMBER fire buckets filled with (sand/water) and/or _____ NUMBER approved, operative fire extinguishers at _____ LOCATION as required.
- Rule 2 Waste Receptacles**
 Failed to provide _____ NUMBER approved receptacles for waste at _____ LOCATION as required.
- Rule 3 No Permit**
 (Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
 (Sold/Stored/Used/Manufactured/Transported) _____ AMOUNT of _____ PRODUCT in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
 Failed to produce (permit/record) regarding _____ DESCRIPTION at _____ LOCATION as required.
- Rule 6 Signs/Postings/Instructions**
 Failed to provide (Signs/Postings/Instructions) for _____ at _____ LOCATION as required.
- Rule 7 Labels/Marks/Stamps**
 Failed to provide (Labels/Marks/Stamps) for _____ at _____ LOCATION as required.
- Rule 8 Obstructions/Accumulations**
 Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ TYPE from _____ LOCATION as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
 Failed to provide adequate (egress/aisle space/clearance) at _____ LOCATION as required.
- Rule 10 Operating Contrary to C of O**
 Operated _____ SPECIFY contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
 Failed to maintain _____ SPECIFY in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
 Failed to properly (provide/maintain) _____ SPECIFY system or part thereof as required. Describe below.
- Rule 13 Fire Retardant Material**
 Failed to provide/maintain non-combustible material _____ SPECIFY ITEM at _____ LOCATION or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
 Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ LOCATION as required.
- Rule 15 Fireproof Partitions or Walls**
 Failed to (provide/maintain) fireproof partitions or walls at _____ LOCATION as required.
- Rule 16 Ventilation**
 Failed to provide (approved vents/adequate ventilation) at _____ LOCATION as required.
- Rule 17 Certificates of Fitness**
 Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for _____ SPECIFY
- Rule 18 Certificates of Approval/Qualification/License**
 Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ SPECIFY as required.
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
 Failed to provide for _____ SPECIFY from _____ SIGNATORY as required.
- Rule 20 Test/Inspection**
 Failed to conduct required (equipment/system) (test/inspection) of _____ SPECIFY Bulk Oil Suppression System as required.
- Rule 21 Containers**
 Failed to provide approved containers for _____ SPECIFY as required.
- Rule 22 Tanks/Supports**
 Failed to (provide/maintain) approved tanks/supports for _____ SPECIFY as required.
- Rule 23 Storage**
 Failed to provide (vaults/cabinets/room/area) for the storage of _____ SPECIFY as required.
- Rule 24 Racks**
 Failed to provide appropriate racks at _____ LOCATION as required.
- Rule 25 Electrical Equipment**
 Failed to (provide/protect/maintain) _____ TYPE electrical equipment as required.
- Rule 26 Approved Refrigeration/Heating Devices or Units**
 Failed to (provide/protect/maintain) _____ TYPE (refrigeration/heating) devices as required.
- Rule 27 Approved Lighting Devices**
 Failed to (provide/protect/maintain) _____ TYPE lighting devices as required. Specify type of protection required: _____
- Rule 28 Exposed Flames or Sparks**
 (Unlawfully allowed/failed to protect) exposed flame or spark at _____ LOCATION as required.
- Rule 29 Designated Areas**
 Failed to (provide/maintain) designated area/premises for _____ SPECIFY as required.
- Rule 30 Fire Safety in Office Buildings/Hotels/Motels**
 Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____

Repeat Violation (§15-229)
 Failed to correct Rule(s) _____ SPECIFY as previously cited on NOV # _____ (Respondent must appear at the hearing.)
False Certification (§15-220.1)
 Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
 Other Code Section/Rule _____ SPECIFY SECTION Describe offense below.

Description of Violation: Rule 20 - Have fire suppression system for the "Bulk Oil" as required.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above.
All statements made herein are affirmed under penalty of perjury. Date of Offense: 6/30/99 Time: 1:05 a.m./p.m.
INSPECTOR'S SIGNATURE James F. Moran
PRINT NAME James F. Moran
Inspector's Tax Registry Number 910740

CERTIFICATE OF CORRECTION

State of New York)
County of _____) ss:

I _____, being duly sworn, depose and say that I am the respondent cited in the

PRINT YOUR NAME

Notice of Violation and that I admit the existence of the violation(s) described in the Notice of Violation.

Check one { I have corrected all said violations as ordered by the Commissioner
or
 I have only corrected Rule Number(s) _____
and will attend hearing on scheduled date.

(The respondent certifies that all violations have been corrected if no box is checked.)

I have attached legible copies of any and all bills, receipts and other proof of correction to this certification as required.

SIGNATURE

(Sign only before a notary)

TO BE COMPLETED BY NOTARY

County of _____ Registration Number _____

Sworn to before me this _____ day of _____, 19____ Notary Number _____

Signature of Notary _____ Commission Expires _____

SEAL

The Fire Commissioner reserves the right to reject any Certificate of Correction that is incomplete. False certification is punishable by a fine of not less than \$1,000 nor more than \$5,000 and/or up to 6 months imprisonment pursuant to Administration Code Section 15-220.1

CERTIFICATION INSTRUCTIONS

For first offenses:

1. ALL offenders must correct the violation(s) cited on the NOTICE OF VIOLATION.
2. All offenders must complete the Certificate of Correction above and have it notarized. Do not detach above certificate from this page.
3. Attach legible copies of any and all bills, receipts and/or other proof of compliance to this Certificate of Correction (see correction requirements on reverse of green copy) and submit them along with this Certificate.
4. Return the completed Certificate of Correction with all appropriate documentation attached to the **Bureau of Fire Prevention, Enforcement Unit, 9 Metro Tech East, Brooklyn, New York 11201-3857 by the close of business on the date indicated on the NOTICE OF VIOLATION for return of the certificate. (See reverse side for return date)**
5. Respondents will be notified by mail if their Certificate of Correction has been disapproved and of the appropriate action to take to correct same.
6. If it is impossible to correct any or all violations within the time indicated, you may be eligible for a stipulation extending the time to correct. A request for a stipulation extending compliance time must be made at the hearing and is subject to the approval of the Fire Department and the ECB.
7. If you properly certify that ALL violations have been corrected, you will be excused from appearing at the scheduled ECB hearing and no penalty will be imposed.
8. If you fail to comply with (7) above or if you are a repeat offender, you will be required to attend the ECB hearing designated on the NOV and bring any and all proof of correction to the hearing.

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- Manhattan: 1250 Broadway, 7th Fl. (212) 971-3601/03
- Queens: 144-06 94th Avenue, Jamaica - Main Floor (718) 298-7300
- Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305
- Staten Island: 350 St. Marks Place, 4th Fl., St. George, SI (212) 971-3600
- Bronx: 1932 Arthur Ave., 6th Fl., (212) 971-3601-03

NEW YORK CITY FIRE DEPARTMENT

COMMISSIONER'S ORDER TO CORRECT AND CERTIFY CORRECTION

CORRECTION REQUIREMENTS

You are hereby ordered by the Fire Commissioner to correct the violation(s) of Code and/or Rule indicated on the front of this Notice of Violation in the manner described below or in any other manner commensurate with law.

- | | |
|--|---|
| <p>Rule 1 Provide fire buckets and/or fire extinguishers as indicated.</p> <p>Rule 2 Provide approved receptacles for waste as indicated.</p> <p>Rule 3 Obtain designated permit. (Submit copy of permit fee receipt.)</p> <p>Rule 4 Reduce to the amount stated on the permit goods sold/stored/used/ manufactured/transported.</p> <p>Rule 5 Furnish indicated permit and/or records.</p> <p>Rule 6 Provide signs/postings/instructions as indicated.</p> <p>Rule 7 Provide labels/marks/stamps as indicated.</p> <p>Rule 8 Remove all obstructions/accumulations of indicated material.</p> <p>Rule 9 Provide adequate egress/aisle space/clear space at designated locations.</p> <p>Rule 10 Comply with or amend existing C of O.</p> <p>Rule 11 Maintain stated area in proper condition.</p> <p>Rule 12 Provide/maintain sprinkler/standpipe/alarm/suppression system as indicated.</p> <p>Rule 13 Provide manufacturers specifications for non-combustible materials or an affidavit of flame proofing from a certified flame proofer.</p> <p>Rule 14 Provide/maintain self-closing fireproof doors/windows at designated location.</p> <p>Rule 15 Provide/maintain fireproof partition/wall at designated location.</p> <p>Rule 16 Provide approved vents/ventilation at designated location.</p> | <p>Rule 17 Obtain the designated Certificate of Fitness. (Submit copy of Certificate of Fitness.)</p> <p>Rule 18 Obtain designated Certificate of Approval/Occupancy/Qualification/ License. (Submit copy of Certificate as indicated.)</p> <p>Rule 19 Provide indicated affidavits/documentation/plans/applications. (Submit copy of indicated document.)</p> <p>Rule 20 Conduct designated inspection/test.</p> <p>Rule 21 Provide approved containers as indicated.</p> <p>Rule 22 Provide approved tanks as indicated.</p> <p>Rule 23 Provide vaults/cabinets/room/area as indicated.</p> <p>Rule 24 Provide appropriate racks as indicated.</p> <p>Rule 25 Provide/protect/maintain electrical equipment as indicated</p> <p>Rule 26 Provide/protect/maintain refrigeration and/or heating devices as indicated.</p> <p>Rule 27 Provide/protect/maintain lighting devices as indicated.</p> <p>Rule 28 Remove/protect open flame or spark at designated location.</p> <p>Rule 29 Provide/maintain designated area/premises as indicated.</p> <p>Rule 30 Comply with safety regulations in office buildings/hotels/motels as indicated.</p> <p>Repeat Offense §15-229. Appear at the ECB Hearing and certify correction then.</p> <p>False Certification §15-220.1. Respondent <i>must</i> appear at hearing.</p> |
|--|---|

Copies of the Administrative Code and/or Fire Department Rules can be found at the Municipal Reference and Research Center, 31 Chambers Street, Room 112, New York, N.Y.

CERTIFICATE REQUIREMENTS

Correction must be certified in accordance with the instructions on the Certificate of Correction issued by the inspector along with this Notice of Violation (Gold copy). The Certificate of Correction must be received by the date indicated on the front of this Notice.

TABLE OF MAXIMUM PENALTIES

If the charged violation(s) of Code and/or Rule be proven or admitted at hearing, the Respondent may be subject to civil penalties for each violation up to the maximum amounts set forth on the following schedule:

FIRST OFFENSE
Rule 1 through Rule 30
\$1,000 Per Violation

REPEAT VIOLATION(S)
\$5,000 Per Violation

FALSE CERTIFICATION
\$5,000 Per Violation

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- | | |
|---|---|
| <ul style="list-style-type: none"> * Manhattan: 1250 Broadway, 7th Fl. (212) 971-3601/03 * Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305 * Bronx: 1932 Arthur Ave., 6th Fl., (212) 971-3601-03 | <ul style="list-style-type: none"> * Queens: 144-06 94th Avenue, Jamaica - Main Floor (718) 298-7300 * Staten Island: 350 St. Marks Place, 4th Fl., St. George, SI (212) 971-3600 |
|---|---|

THE FIRE DEPARTMENT RESERVES THE RIGHT TO RE-INSPECT ANY PREMISES IN ORDER TO MONITOR COMPLIANCE.

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK **NOTICE OF VIOLATION AND HEARING** **VIOLATION NO. 10630319 Z**



Fire Commissioner of the City of New York, Petitioner vs Respondent:

Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)

Street Number **448** Prefix _____ Street Name **HAMILTON AVE**
Type **Ave** Suffix _____ Zip Code **11232** Boro Code **04** 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns
AKA _____

Mailing Address (if different from premises address)

Street Number _____ Prefix _____ Street Name _____
Type _____ Suffix _____ Zip Code _____ Boro Code _____ 1=Man; 2=Bx; 3=SI; 4=Bklyn; 5=Qns; 6=Out of City
Add Info _____

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be corrected and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy).

The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire Prevention, Enforcement Unit, 9 Metro Tech East, Brooklyn, New York 11201-3857 (718) 999-2392 by close of business on **06-04-99**. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on **08-17-99** at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island Bronx. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.

REPEAT OFFENDERS MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire-Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03."

- Rule 1 Buckets and/or Fire Extinguishers**
Failed to provide **20** fire buckets filled with (sand/water) and/or **20** approved, operative fire extinguishers at **THUR-OUT** as required.
- Rule 2 Waste Receptacles**
Failed to provide _____ approved receptacles for waste at _____ as required.
- Rule 3 No Permit**
(Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
(Sold/Stored/Used/Manufactured/Transported) _____ AMOUNT of _____ PRODUCT in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
Failed to produce (permit/record) regarding _____ DESCRIPTION at _____ LOCATION as required.
- Rule 6 Signs/Postings/Instructions**
Failed to provide (Signs/Postings/Instructions) for _____ at _____ LOCATION as required.
- Rule 7 Labels/Marks/Stamps**
Failed to provide (Labels/Marks/Stamps) for _____ at _____ LOCATION as required.
- Rule 8 Obstructions/Accumulations**
Failed to remove all (obstructions/accumulations of rubbish or storage) of _____ TYPE from _____ LOCATION as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
Failed to provide adequate (egress/aisle space/clearance) at **1ST FLOOR OF LOCKER ROOM EXIT** as required.
- Rule 10 Operating Contrary to C of O**
Operated _____ SPECIFY contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
Failed to maintain _____ SPECIFY in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
Failed to properly (provide/maintain) **FRAM** system or part thereof as required. Describe below.
- Rule 13 Fire Retardant Material**
Failed to provide/maintain non-combustible material _____ SPECIFY ITEM at _____ LOCATION or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
Failed to (provide/maintain) (self-closing fireproof doors/windows) at _____ LOCATION as required.
- Rule 15 Fireproof Partitions or Walls**
Failed to (provide/maintain) fireproof partitions or walls at _____ LOCATION as required.
- Rule 16 Ventilation**
Failed to provide (approved vents/adequate ventilation) at _____ LOCATION as required.

- Rule 17 Certificates of Fitness**
Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for _____ SPECIFY
- Rule 18 Certificates of Approval/Qualification/License**
Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for _____ SPECIFY as required.
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
Failed to provide for _____ SPECIFY from _____ SIGNATORY as required.
- Rule 20 Test/Inspection**
Failed to conduct required (equipment/system) (test/inspection) of _____ SPECIFY as required.
- Rule 21 Containers**
Failed to provide approved containers for _____ SPECIFY as required.
- Rule 22 Tanks/Supports**
Failed to (provide/maintain) approved tanks/supports for _____ SPECIFY as required.
- Rule 23 Storage**
Failed to provide (vaults/cabinets/room/area) for the storage of _____ SPECIFY as required.
- Rule 24 Racks**
Failed to provide appropriate racks at _____ LOCATION as required.
- Rule 25 Electrical Equipment**
Failed to (provide/protect/maintain) _____ TYPE electrical equipment as required.
- Rule 26 Approved Refrigeration/Heating Devices or Units**
Failed to (provide/protect/maintain) _____ TYPE (refrigeration/heating) devices as required.
- Rule 27 Approved Lighting Devices**
Failed to (provide/protect/maintain) _____ TYPE lighting devices as required. Specify type of protection required: _____
- Rule 28 Exposed Flames or Sparks**
(Unlawfully allowed/failed to protect) exposed flame or spark at _____ LOCATION as required.
- Rule 29 Designated Areas**
Failed to (provide/maintain) designated area/premises for _____ SPECIFY as required.
- Rule 30 Fire Safety in Office Buildings/Hotels/Motels**
Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____
- Repeat Violation (§15-229)**
Failed to correct Rule(s) _____ SPECIFY as previously cited on NOV # _____ (Respondent must appear at the hearing.)
- False Certification (§15-220.1)**
Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
- Other Code Section/Rule** _____ SPECIFY SECTION Describe offense below.

Description of Violation: **RULE #1 - Fire extinguishers need to be recharged and properly labeled, maintained and inspected throughout facility. Rule #9 - Failed to provide unlocked egress @ floor of locker room exit. Rule #12 - Failed to properly maintain and label suppression system in good working order.**

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above. All statements made herein are affirmed under penalty of perjury. Date of Offense: **06/30/99** Time: **1:05 a.m. (p.m.)**

INSPECTOR'S SIGNATURE James Finnegan
PRINT NAME **James Finnegan**

Inspector's Tax Registry Number **9110740**

CERTIFICATE OF CORRECTION

State of New York)
County of _____) SS:

I, _____, being duly sworn, depose and say that I am the respondent cited in the Notice of Violation and that I admit the existence of the violation(s) described in the Notice of Violation.

Check one { I have corrected all said violations as ordered by the Commissioner
or
 I have only corrected Rule Number(s) _____ and will attend hearing on scheduled date.

(The respondent certifies that all violations have been corrected if no box is checked.)

I have attached legible copies of any and all bills, receipts and other proof of correction to this certification as required.

(Sign only before a notary)

TO BE COMPLETED BY NOTARY

County of _____ Registration Number _____ SEAL
Sworn to before me this _____ day of _____ 19____ Notary Number _____
Signature of Notary _____ Commission Expires _____

The Fire Commissioner reserves the right to reject any Certificate of Correction that is incomplete. False certification is punishable by a fine of not less than \$1,000 nor more than \$5,000 and/or up to 6 months imprisonment pursuant to Administration Code Section 15-220.1

CERTIFICATION INSTRUCTIONS

For first offenses:

1. ALL offenders must correct the violation(s) cited on the NOTICE OF VIOLATION.
2. All offenders must complete the Certificate of Correction above and have it notarized. *Do not* detach above certificate from this page.
3. Attach legible copies of any and all bills, receipts and/or other proof of compliance to this Certificate of Correction (see correction requirements on reverse of green copy) and submit them along with this Certificate.
4. Return the completed Certificate of Correction with all appropriate documentation attached to the **Bureau of Fire Prevention, Enforcement Unit, 9 Metro Tech East, Brooklyn, New York 11201-3857** by the close of business on the date indicated on the NOTICE OF VIOLATION for return of the certificate. (See reverse side for return date)
5. Respondents will be notified by mail if their Certificate of Correction has been disapproved and of the appropriate action to take to correct same.
6. If it is impossible to correct any or all violations within the time indicated, you may be eligible for a stipulation extending the time to correct. A request for a stipulation extending compliance time must be made at the hearing and is subject to the approval of the Fire Department and the ECB.
7. If you properly certify that ALL violations have been corrected, you will be excused from appearing at the scheduled ECB hearing and no penalty will be imposed.
8. If you fail to comply with (7) above or if you are a repeat offender, you will be required to attend the ECB hearing designated on the NOV and bring any and all proof of correction to the hearing.

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- Manhattan: 1250 Broadway, 7th Fl. (212) 971-3601/03
- Queens: 144-06 94th Avenue, Jamaica - Main Floor (718) 298-7300
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- Staten Island: 350 St. Marks Place, 4th Fl., St. George, SI (212) 971-3600
- Bronx: 1932 Arthur Ave., 6th Fl., (212) 971-3601-03

ENVIRONMENTAL CONTROL BOARD CITY OF NEW YORK **NOTICE OF VIOLATION AND HEARING** **VIOLATION NO. 10630319 Z**



Fire Commissioner of the City of New York, Petitioner vs Respondent:

Respondent is: owner managing agent tenant city agency daycare center

Place of Occurrence (Premises Address)

Street Number 448 Prefix [] Street Name HANLTON AVE
Type AVE Suffix [] Zip Code 111232 Boro Code 04 1=Man; 2=Bx; 3=Sl; 4=Bklyn; 5=Qns
AKA []

Mailing Address (if different from premises address)

Street Number [] Prefix [] Street Name []
Type [] Suffix [] Zip Code [] Boro Code [] 1=Man; 2=Bx; 3=Sl; 4=Bklyn; 5=Qns; 6=Out of City
Add Info []

Notice of Violation and Order to Correct and Certify Correction:

PLEASE TAKE NOTICE that the premises cited above is in violation of the requirements of law. It is further ORDERED by the FIRE COMMISSIONER that these violations be cleared and certified to be in compliance with the requirements of law within 35 days of the date of issuance. Certification must be made on the Certificate of Correction (Gold Copy). The Certificate of Correction and all proof of compliance MUST BE RECEIVED by the Bureau of Fire Prevention, Enforcement Unit, 9 Metro Tech East, Brooklyn, New York 11201-3857 (718) 999-2392 by close of business on 06/12/99. First offenders who properly certify correction shall avoid a hearing and penalty. All other respondents must appear at the Environmental Control Board (ECB) hearing indicated below.

Notice of Hearing:

If the Certificate of Correction IS NOT RECEIVED by the date indicated above OR if no date is indicated above, the respondent MUST APPEAR at a hearing on 06/17/99 at 8:30am, 10:30am, 1:30pm, 3:00pm at the ECB Hearing Office located in Brooklyn Manhattan Queens Staten Island. Bronx. (The address for each location is provided on the reverse side of this form.) This hearing is your opportunity to answer and defend the allegations set forth below. If you do not appear, you will be held in default and subject to maximum penalties.

REPEAT OFFENSES MUST appear at the hearing on the scheduled date.

Upon investigation, it has been determined by the above named Petitioner that there is reasonable cause to believe that the above named Respondent is in violation of the Administrative Code and/or Fire Department Rule(s), "3 RCNY §§16-01, 16-02, 16-03:"

- Rule 1 Buckets and/or Fire Extinguishers**
 Failed to provide NUMBER fire buckets filled with (sand/water) and/or approved, operative fire extinguishers at LOCATION as required.
- Rule 2 Waste Receptacles**
 Failed to provide NUMBER approved receptacles for waste at LOCATION as required.
- Rule 3 No Permit**
 (Sold/Stored/Used/Manufactured/Transported) (combustibles/flammables/explosives) without required valid permit.
- Rule 4 Quantities in Excess of Permit**
 (Sold/Stored/Used/Manufactured/Transported) AMOUNT of PRODUCT in excess of amount stated on permit.
- Rule 5 Produce Permit and/or Record**
 Failed to produce (permit/record) regarding DESCRIPTION at LOCATION as required.
- Rule 6 Signs/Postings/Instructions**
 Failed to provide (Signs/Postings/Instructions) for LOCATION as required.
- Rule 7 Labels/Marks/Stamps**
 Failed to provide (Labels/Marks/Stamps) for LOCATION as required.
- Rule 8 Obstructions/Accumulations**
 Failed to remove all (obstructions/accumulations of rubbish or storage) of TYPE from LOCATION as required.
- Rule 9 Adequate Egress/Aisle Space/Clearance**
 Failed to provide adequate (egress/aisle space/clearance) at LOCATION as required.
- Rule 10 Operating Contrary to C of O**
 Operated SPECIFY contrary to the certificate of occupancy.
- Rule 11 General Maintenance**
 Failed to maintain SPECIFY in a proper condition as required.
- Rule 12 Maintenance of Sprinkler, Standpipe, Alarm, Suppression Systems**
 Failed to properly (provide/maintain) SPECIFY system or part thereof as required. Describe below: Failed to properly maintain and label suppression system in good working order.
- Rule 13 Fire Retardant Material**
 Failed to provide/maintain non-combustible material SPECIFY ITEM at LOCATION or provide affidavit that combustible material has been treated with flame retardant as required.
- Rule 14 Fireproof Doors/Windows**
 Failed to (provide/maintain) (self-closing fireproof doors/windows) at LOCATION as required.
- Rule 15 Fireproof Partitions or Walls**
 Failed to (provide/maintain) fireproof partitions or walls at LOCATION as required.
- Rule 16 Ventilation**
 Failed to provide (approved vents/adequate ventilation) at LOCATION as required.
- Rule 17 Certificates of Fitness**
 Failed to (obtain/provide) a (Certificate of Fitness/Certificate Holder on Duty) for SPECIFY.
- Rule 18 Certificates of Approval/Qualification/License**
 Failed to (obtain/provide) a Certificate of (Approval/Qualification/License) for SPECIFY as required.
- Rule 19 Certificate of Occupancy/Public Assembly Permit/Affidavits/Documentation/Plans/Applications**
 Failed to provide for SPECIFY from SIGNATORY as required.
- Rule 20 Test/Inspection**
 Failed to conduct required (equipment/system) (test/inspection) of SPECIFY as required.
- Rule 21 Containers**
 Failed to provide approved containers for SPECIFY as required.
- Rule 22 Tanks/Supports**
 Failed to (provide/maintain) approved tanks/supports for SPECIFY as required.
- Rule 23 Storage**
 Failed to provide (vaults/cabinets/room/area) for the storage of SPECIFY as required.
- Rule 24 Racks**
 Failed to provide appropriate racks at LOCATION as required.
- Rule 25 Electrical Equipment**
 Failed to (provide/protect/maintain) TYPE electrical equipment as required.
- Rule 26 Approved Refrigeration/Heating Devices or Units**
 Failed to (provide/protect/maintain) TYPE (refrigeration/heating) devices as required.
- Rule 27 Approved Lighting Devices**
 Failed to (provide/protect/maintain) TYPE lighting devices as required. Specify type of protection required: _____
- Rule 28 Exposed Flames or Sparks**
 (Unlawfully allowed/failed to protect) exposed flame or spark at LOCATION as required.
- Rule 29 Designated Areas**
 Failed to (provide/maintain) designated area/premises for SPECIFY as required.
- Rule 30 Fire Safety in Office Buildings/Hotels/Motels**
 Failed to comply with the fire safety requirements for (office buildings/hotels/motels). Specify: _____

Repeat Violation (\$15-229)
 Failed to correct Rule(s) SPECIFY as previously cited on NOV # SPECIFY. (Respondent must appear at the hearing.)

False Certification (\$15-220.1)
 Willfully falsified Certificate of Correction for NOV # _____ (Respondent must appear at hearing.)
 Other Code Section/Rule SPECIFY SECTION Describe offense below.

Description of Violation: Rule 1 - Fire extinguishers and labels required and properly labeled and maintained at all equipment facilities. Rule 12 - Failed to provide and label suppression system in good working order. Failed to properly maintain and label suppression system in good working order.

I personally observed the commission of the above offense(s) or personally reviewed the office records indicating the offense(s) charged above.
All statements made herein are affirmed under penalty of perjury. Date of Offense: 06/10/99 Time: 1:55 a.m./p.m.

INSPECTOR'S SIGNATURE [Signature]
PRINT NAME Juan F. Moran

Inspector's Tax Registry Number 7110740

NEW YORK CITY FIRE DEPARTMENT

COMMISSIONER'S ORDER TO CORRECT AND CERTIFY CORRECTION

CORRECTION REQUIREMENTS

You are hereby ordered by the Fire Commissioner to correct the violation(s) of Code and/or Rule indicated on the front of this Notice of Violation in the manner described below or in any other manner commensurate with law.

- | | |
|--|---|
| Rule 1 Provide fire buckets and/or fire extinguishers as indicated. | Rule 17 Obtain the designated Certificate of Fitness. (Submit copy of Certificate of Fitness.) |
| Rule 2 Provide approved receptacles for waste as indicated. | Rule 18 Obtain designated Certificate of Approval/Occupancy/Qualification/License. (Submit copy of Certificate as indicated.) |
| Rule 3 Obtain designated permit. (Submit copy of permit fee receipt.) | Rule 19 Provide indicated affidavits/documentation/plans/applications. (Submit copy of indicated document.) |
| Rule 4 Reduce to the amount stated on the permit goods sold/stored/used/manufactured/transported. | Rule 20 Conduct designated inspection/test. |
| Rule 5 Furnish indicated permit and/or records. | Rule 21 Provide approved containers as indicated. |
| Rule 6 Provide signs/postings/instructions as indicated. | Rule 22 Provide approved tanks as indicated. |
| Rule 7 Provide labels/marks/stamps as indicated. | Rule 23 Provide vaults/cabinets/room/area as indicated. |
| Rule 8 Remove all obstructions/accumulations of indicated material. | Rule 24 Provide appropriate racks as indicated. |
| Rule 9 Provide adequate egress/aisle space/clear space at designated locations. | Rule 25 Provide/protect/maintain electrical equipment as indicated. |
| Rule 10 Comply with or amend existing C of O. | Rule 26 Provide/protect/maintain refrigeration and/or heating devices as indicated. |
| Rule 11 Maintain stated area in proper condition. | Rule 27 Provide/protect/maintain lighting devices as indicated. |
| Rule 12 Provide/maintain sprinkler/standpipe/alarms/suppression system as indicated. | Rule 28 Remove/protect open flame or spark at designated location. |
| Rule 13 Provide manufacturers specifications for non-combustible materials or an affidavit of flame proofing from a certified flame proofer. | Rule 29 Provide/maintain designated area/premises as indicated. |
| Rule 14 Provide/maintain self-closing fireproof doors/windows at designated location. | Rule 30 Comply with safety regulations in office buildings/hotels/motels as indicated. |
| Rule 15 Provide/maintain fireproof partition/wall at designated location. | Repeat Offense §15-229. Appear at the ECB Hearing and certify correction then. |
| Rule 16 Provide approved vents/ventilation at designated location. | False Certification §15-220.1. Respondent <i>must</i> appear at hearing. |

Copies of the Administrative Code and/or Fire Department Rules can be found at the Municipal Reference and Research Center, 31 Chambers Street, Room 112, New York, N.Y.

CERTIFICATE REQUIREMENTS

Correction must be certified in accordance with the instructions on the Certificate of Correction issued by the inspector along with this Notice of Violation (Gold copy). The Certificate of Correction must be received by the date indicated on the front of this Notice.

TABLE OF MAXIMUM PENALTIES

If the charged violation(s) of Code and/or Rule be proven or admitted at hearing, the Respondent may be subject to civil penalties for each violation up to the maximum amounts set forth on the following schedule:

FIRST OFFENSE
Rule 1 through Rule 30
\$1,000 Per Violation

REPEAT VIOLATION(S)
\$3,000 Per Violation

FALSE CERTIFICATION
\$5,000 Per Violation

ECB HEARING OFFICES

If you are required to attend an ECB hearing, check the location and time indicated on the face of the NOV and note the address below:

- * Manhattan: 1250 Broadway, 7th Fl. (212) 971-3601/03
- * Queens: 144-06 94th Avenue, Jamaica - Main Floor (718) 298-7300
- * Brooklyn: 233 Schermerhorn St., 11th Fl. (718) 858-1305
- * Staten Island: 350 St. Marks Place, 4th Fl., St. George, SI (212) 971-3600
- * Bronx: 1932 Arthur Ave., 6th Fl., (212) 971-3601-03

THE FIRE DEPARTMENT RESERVES THE RIGHT TO RE-INSPECT ANY PREMISES IN ORDER TO MONITOR COMPLIANCE.



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-910143-117-P

BATTALION _____

D.O. 26

VIOLATION ORDER

D - 86734

To 488 Hamilton Ave D.O.T Asphalt Plant
1/a Industrial 08015264
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

NO. TO BE SERVED FOR NUMBERING / DISMISSAL

STANDARD ORDER FORM NO.	ITEM NO.	IN INTEREST OF PUBLIC SAFETY
NOUSP	1	Post the emergency operating list on the visible place.
NOUSP	2	Properly identify all water and piping of Fire Suppression System.
NOUSP	3	Paint and color-code all piping of Foam System.
NOUSP	4	Make separation 3" Mechanical Foam System from High Voltage Electrical equipment which are located in the same room.
SP	S	Install and complete fire-hose cabinets near the yard hydrant and foam house.

If this order has not been complied with in, 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

TO 24

FOR -NUMBERING

FOR DISMISSAL

John J. You Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater Plant mgr (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #

Yuley Chapuz 10-16-97 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech Center Unit Telephone (718) 999-2460



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

A-10(D) (1/91) 72-910143-119-F

BATTALION

D.O. 26

VIOLATION ORDER

D 86733

To 488 Hamilton Ave D.O.T Asphalt Plant
ADDRESS NAME OF OWNER, LEASEE, OCCURANT, ETC.
1/a Industrial 08015364
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
SP 1	1	In Interest of Public Safety Discontinue all operation unless Fire Suppression System will be restored to the proper working con- dition and re-start.
SP 2	2	Restore 3% Mechanical System to the proper working condition.
T27-4053		

If this order has not been complied with in 5 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR NUMBERING

11-24-98

TO 24

FOR DISMISSAL

Time 12:30
Thomas Von Essen
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

William Slater plant mgr (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
July Chapno 10-16-97 Bulk Fuel Safety
INSPECTOR DATE UNIT

Unit Address 9 Metro Tech Center Unit Telephone 999-2460

CROSS STREETS

CITY OF NEW YORK

FIRE DEPARTMENT

BATTALION

BUREAU OF FIRE PREVENTION

D.O. 37

VIOLATION ORDER

D 79186

To: 718 Hamilton Avenue Brooklyn Dept. of Transportation
 301 L
 ASPHALT PLANT NAME OF OWNER/LEASE OCCUPANT ETC
 08015367
 ROOM NO. OR FLOOR: CONTAINER ROOM 301 L # D 79186
 TYPE OF OCCUPANCY: ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
		HEAT DETECTION FOAM SYSTEM
	(3)	PROVIDE MISSING BREAKGLASS FOR THE CLASS 3 manual pull station AS PER CODE.
	(4)	PROVIDE/ARRANGE FOR AN INSPECTION/TEST OF THE ABOVE SYSTEM IN THE PRESENCE OF A MEMBER OF THIS DEPARTMENT BY SUBMITTING A WRITTEN REQUEST THERE OF (FORM B45)

Admitt CODE 274265 15127

If this order has not been complied with in, 20 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR NUMBERING TO 24 FOR DISMISSAL

Howard S. Grier
 Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Bill S. Water Plot. Mgr (718) 965-4169
 Name: Bill S. Water Date: 11/9/98 Title: Plot. Mgr
 Unit: Electrical



FIRE DEPARTMENT, CITY OF NEW YORK – BUREAU OF FIRE PREVENTION
 250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 – 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
62514708	05/23/94	05/22/97	0.00

TYPE: F30 FIRE GUARD TORCH OPERATIONS
 NAME: CALIFANO PAUL.
 ADDRESS: 23-30 123 STREET
 COLLEGE PT. NY 113560000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
088643305	03/06/64	M	6'02"	175 LBS

HAIR	EYES	CITY EMPLOYEE
BROWN	BROWN	YES

EMPLOYER:
 WORK ADDRESS: NOT REQUIRED

SIGNATURE _____

IT IS THE CERTIFICATE HOLDERS RESPONSIBILITY TO RENEW
THE CERTIFICATE OF FITNESS WITHIN A TIMELY MANNER.

NEW YORK CITY FIRE DEPARTMENT
250 LIVINGSTON STREET
BROOKLYN, NEW YORK 11201-5884
ATTENTION: ROOM 439

IF YOUR WORK ADDRESS APPEARS ON THE FRONT OF YOUR
CERTIFICATE AND YOUR WORK ADDRESS HAS CHANGED, YOU
MUST IMMEDIATELY NOTIFY THE FIRE DEPARTMENT BY FOR-
WARDING A LETTER FROM YOUR EMPLOYER, YOUR OLD CER-
TIFICATE AND THE APPROPRIATE RENEWAL FEE.

FOR FIRE SAFETY DIRECTOR CERTIFICATE HOLDERS, CONTACT
THE HIGH RISE UNIT. FOR SPRINKLER/STANDPIPE CERTIFICATE
HOLDERS, CONTACT THE CERTIFICATE OF FITNESS UNIT. BOTH
UNITS ARE LOCATED AT THE ADDRESS LISTED ABOVE.

IF YOUR HOME ADDRESS CHANGES, PLEASE NOTIFY THE NEW
YORK CITY FIRE DEPARTMENT IN WRITING.

"THIS CERTIFICATE IS THE PROPERTY OF THE N.Y.C. FIRE
DEPARTMENT AND MUST BE SURRENDERED UPON REQUEST."



FIRE DEPARTMENT, CITY OF NEW YORK — BUREAU OF FIRE PREVENTION
250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 — 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
61085833	09/14/94	01/27/97	0.00

TYPE: G26 USE LPG STREET REPAIR UNITS
NAME: LEWIS ROGELIO
ADDRESS: 446 KINGSTON AVE
BROOKLYN NY 112250000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
488784060	05/17/55	M	5'09"	180 LBS

HAIR	EYES	CITY EMPLOYEE
BLACK	BROWN	YES

EMPLOYER:

WORK ADDRESS:

SIGNATURE _____

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NEW YORK CITY FIRE DEPARTMENT
250 LIVINGSTON STREET
BROOKLYN, NEW YORK 11201-5884
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FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION
250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 - 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
62803838	07/06/95	07/05/98	0.00

TYPE: G35 TO OPERATE AIR COMPRESSOR
NAME: O'SULLIVAN MICHAEL J
ADDRESS: 22-49 23RD ST-2 FL.
ASTORIA-QNS NY 111050000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
055400223	11/09/47	M	6'00"	240 LBS

HAIR	EYES	CITY EMPLOYEE
GREY	HAZEL	YES

EMPLOYER:

WORK ADDRESS:

NOT REQUIRED

SIGNATURE *Michael J. O'Sullivan*

RENEWAL COUPON

(B)

RETAIN THIS PORTION IN A SAFE PLACE
SEE REVERSE SIDE
FOR ADDITIONAL INSTRUCTIONS

EXPIRES 07/05/98

SIGNATURE *Michael J. O'Sullivan*

NAME: O'SULLIVAN MICHAEL J
CERTIFICATE NO.: 62803838 TYPE: G35
DESCRIPTION: TO OPERATE AIR COMPRESSOR
EMPLOYER NAME:

IT IS THE CERTIFICATE HOLDERS RESPONSIBILITY TO RENEW THE CERTIFICATE OF FITNESS WITHIN A TIMELY MANNER.

NEW YORK CITY FIRE DEPARTMENT
250 LIVINGSTON STREET
BROOKLYN, NEW YORK 11201-5884
ATTENTION: ROOM 439

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"THIS CERTIFICATE IS THE PROPERTY OF THE N.Y.C. FIRE DEPARTMENT AND MUST BE SURRENDERED UPON REQUEST."

"A Certificate may be renewed from 60 days before the date of expiration to one year after the expiration date."

"A Certificate that has exceeded 1 year from expiration date cannot be renewed. Applicants must then apply for a new Certificate."

The Fee Schedule is:

\$25 Original Tests

\$ 5 Renewals (after 0 days from expiration but before 90 days from the date of expiration).

\$30 Renewals (after 91 days from the date of expiration but before one (1) year).



FIRE DEPARTMENT, CITY OF NEW YORK — BUREAU OF FIRE PREVENTION
 250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 — 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
61378808	04/19/95	03/16/98	0.00

TYPE: G26 USE LPG STREET REPAIR UNITS
 NAME: CALIFANO PAUL F
 ADDRESS: 31-69 33 ST
 QUEENS NY 111060000

SOCIAL SECURITY NO	BIRTH DATE	SEX	HEIGHT	WEIGHT
088643305	03/06/64	M	6'02"	170 LBS

HAIR	EYES	CITY EMPLOYEE
BLOND	BROWN	YES

EMPLOYER: NYC DOT HIGHWAYS
 WORK ADDRESS: _____ 00
 SIGNATURE _____

RENEWAL COUPON

(B)

RETAIN THIS PORTION IN A SAFE PLACE
 SEE REVERSE SIDE
 FOR ADDITIONAL INSTRUCTIONS

EXPIRES 03/16/98
 SIGNATURE _____
 NAME: CALIFANO PAUL F
 CERTIFICATE NO.: 61378808 TYPE: G26
 DESCRIPTION: USE LPG STREET REPAIR UNITS
 EMPLOYER NAME: NYC DOT HIGHWAYS

IT IS THE CERTIFICATE HOLDERS RESPONSIBILITY TO RENEW THE CERTIFICATE OF FITNESS WITHIN A TIMELY MANNER.

NEW YORK CITY FIRE DEPARTMENT
250 LIVINGSTON STREET
BROOKLYN, NEW YORK 11201-5884
ATTENTION: ROOM 439

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FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION
 250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 - 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
61086559	09/14/94	01/27/97	0.00

TYPE: G38 TORCH USE OF O-2 COMB GAS
 NAME: LEWIS ROGELIO V
 ADDRESS: 446 KINGSTON AVE
 BROOKLYN NY 112250000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
488784060	05/17/55	M	5'09"	180 LBS

HAIR	EYES	CITY EMPLOYEE
BLACK	BROWN	YES

EMPLOYER:

WORK ADDRESS:

00

SIGNATURE _____

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THE CERTIFICATE OF FITNESS WITHIN A TIMELY MANNER.

NEW YORK CITY FIRE DEPARTMENT
250 LIVINGSTON STREET
BROOKLYN, NEW YORK 11201-5884
ATTENTION: ROOM 439

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FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION
 250 LIVINGSTON ST., BROOKLYN, N.Y. 11201 - 5884

CERTIFICATE OF FITNESS

(A)

CERTIFICATE NUMBER	ISSUED	EXPIRES	FEE PAID
61086567	09/14/94	01/27/97	0.00

TYPE: F30 FIRE GUARD TORCH OPERATIONS
 NAME: LEWIS ROGELIO V
 ADDRESS: 466 KINGSTON AVE
 BROOKLYN NY 112250000

SOCIAL SECURITY NO.	BIRTH DATE	SEX	HEIGHT	WEIGHT
488784060	05/17/55	M	5'09"	180 LBS

HAIR	EYES	CITY EMPLOYEE
BLACK	BROWN	YES

EMPLOYER:

WORK ADDRESS:

00

SIGNATURE _____

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THE CERTIFICATE OF FITNESS WITHIN A TIMELY MANNER.

NEW YORK CITY FIRE DEPARTMENT
250 LIVINGSTON STREET
BROOKLYN, NEW YORK 11201-5884
ATTENTION: ROOM 439

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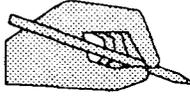
FOR FIRE SAFETY DIRECTOR CERTIFICATE HOLDERS, CONTACT
THE HIGH RISE UNIT. FOR SPRINKLER/STANDPIPE CERTIFICATE
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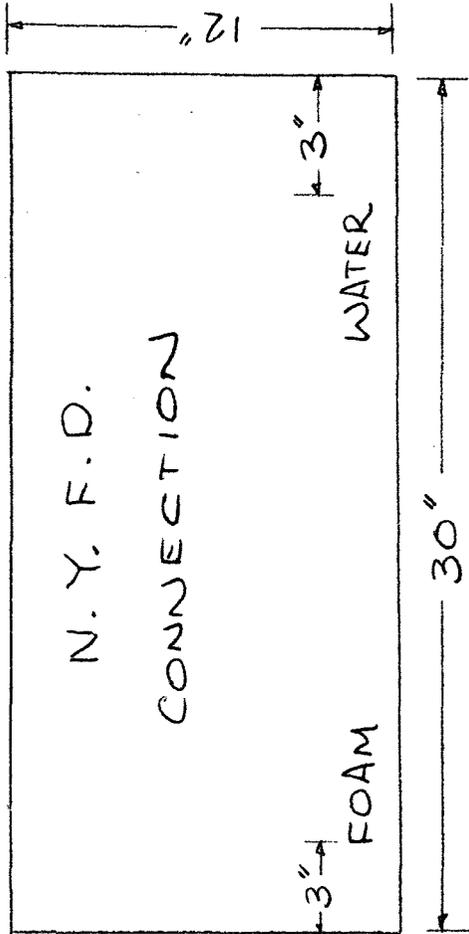
"THIS CERTIFICATE IS THE PROPERTY OF THE N.Y.C. FIRE
DEPARTMENT AND MUST BE SURRENDERED UPON REQUEST."

S.

g



REMEMBER



7/7/99

combine press, inc.

181-24th STREET • BROOKLYN, N.Y. 11232
TEL. (718) 768-3370 FAX (718) 768-3371

TANK #	TYPE OF TANK	PRODUCT	CAPACITY
1 & 3	Above Ground compartment tank (2 compartments, 15,000 gal. each)	Asphalt	30,000 Gallons
2	Above Ground	Asphalt	30,000 Gallons
5	Above Ground	# 2 Oil	10,000 Gallons

BULK ASPHALT STORAGE PLANT - TANK LIST

New York City Department of Transportation
 Brooklyn Asphalt Facility
 448 Hamilton Ave.
 Brooklyn, NY 11232
 Attn: Terminal Manager

Premises:
 N.Y.C. Dept. of Transportation
 Bulk Asphalt Plant
 448 Hamilton Ave.
 Brooklyn, NY 11232

40 Worth Street, New York, New York 10013 • 212/442-7000
 Christopher R. Lynn,
 Commissioner

New York City Department of Transportation



TRANSMISSION REPORT

THIS DOCUMENT WAS CONFIRMED
 (REDUCED SAMPLE ABOVE - SEE DETAILS BELOW)

**** COUNT ****

TOTAL PAGES SCANNED : 1
 TOTAL PAGES CONFIRMED : 1

*** SEND ***

No.	REMOTE STATION	START TIME	DURATION	#PAGES	MODE	RESULTS
1	1 718 522 1349	3-25-97 8:20AM	0'44"	1/ 1		COMPLETED 9600

TOTAL 0:00'44" 1

NOTE:

No. : OPERATION NUMBER 48 : 4800BPS SELECTED EC : ERROR CORRECT G2 : G2 COMMUNICATION
 PD : POLLED BY REMOTE SF : STORE & FORWARD RI : RELAY INITIATE RS : RELAY STATION
 MB : SEND TO MAILBOX PG : POLLING A REMOTE MP : MULTI-POLLING RM : RECEIVE TO MEMORY



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

DATE 2-6-97 ACCT. NO. 08015364
THIS DOCUMENT MUST BE ATTACHED TO FIRE DEPARTMENT OPERATING PERMIT
EXP. MONTH 3 YEAR 97
EXAMINER 82257
NY FD BULK OIL SECTION
BUREAU OF FIRE PREVENTION

THE ISSUANCE OF THIS TANK LIST SHALL NOT BE CONSTRUED TO MEAN THAT A FIRE DEPARTMENT OPERATING PERMIT HAS BEEN ISSUED AND THAT ALL VIOLATION ORDERS HAVE BEEN COMPLIED WITH FOR THIS FACILITY.

Any reply refer to-
Bulk Fuel Safety Unit
Room #413, Tele. # 718-694-2461
F.D. Acct. # 08015364

Premises: N.Y.C. Dept. of Transp.
Bulk Asphalt Plant
448 Hamilton Ave.
Brooklyn, NY 11232

New York City Dept. of Transportation
Brooklyn Asphalt Facility
448 Hamilton Ave.
Brooklyn, NY 11232
Attn: Terminal Manager

BULK ASPHALT STORAGE PLANT - TANK LIST

TANK #	TYPE OF TANK	PRODUCT	CAPACITY
1 & 3	Above Ground compartment tank (2 compartments 15,000 gal. each)	Asphalt	30,000 Gallons
2	Above Ground	Asphalt	30,000 Gallons
5	Above Ground	#2 oil	30,000 Gallons
-	Mounded on tank	Heating oil	2-25 Gal. Tanks
-	#1 & 4	system for Asphalt	

NOTE: Tank #4 is omitted from the numbering system.

Cont'd.

REV. 9/84

TRANSMISSION REPORT

THIS DOCUMENT WAS CONFIRMED
(REDUCED SAMPLE ABOVE - SEE DETAILS BELOW)

FAX TO 694-2444?

** COUNT **

TOTAL PAGES SCANNED : 1
TOTAL PAGES CONFIRMED : 1

*** SEND ***

No.	REMOTE STATION	START TIME	DURATION	#PAGES	MODE	RESULTS
1	1 718 522 1349	3-24-97 11:23AM	0'53"	1/ 1		COMPLETED 9600

TOTAL 0:00'53" 1

NOTE:

No. : OPERATION NUMBER 48 : 4800BPS SELECTED EC : ERROR CORRECT G2 : G2 COMMUNICATION
 PD : POLLED BY REMOTE SF : STORE & FORWARD RI : RELAY INITIATE RS : RELAY STATION
 MB : SEND TO MAILBOX PG : POLLING A REMOTE MP : MULTI-POLLING RM : RECEIVE TO MEMORY



New York City
Department of Transportation

40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Wilbur L. Chapman, Commissioner

MEMORANDUM

TO: Leon Heyward
Deputy Commissioner

FROM: David Stermán *David Stermán*
Asphalt Operations

DATE: February 19, 1999

RE: Leak at Hamilton Asphalt Plant Fuel Station

We had a problem with gasoline leak at the Hamilton Avenue fuel station yesterday, February 18, 1999. I was with you at the DOTSTAT meeting while this occurred. Here is my understanding of what took place.

First thing in the morning a DOT pickup truck was given 25 gallons of unleaded. After receiving the gas the truck would not start due to water in the tank. Following that the payloader operator was loading debris trucks in the back of the yard. At about 10:15 he began to smell gas fumes. By 10:30 he was getting dizzy and the gas was bubbling out of the ground at the gasoline fill station. Our fuel dispatcher, Joe Perrone, was notified. He looked at the problem and immediately notified the Fire Department. Multiple Fire trucks and boats responded and applied foam to the gas station. The Fire Department also had us shut off the burners to the 30,000 gallon asphalt cement tanks. Before the end of the day, the Coast Guard, DEC, DEP, OEM, and DDC were all on site. Al DeChillo was also on site dealing with these agencies. The situation was stabilized. With your assistance, a truck from Fenley & Nicol Environmental responded and pumped out the gas tank as per Fire Department orders.

I have a Fire Department violation ordering us to discontinue the use of the gasoline station. It appears to me that we can continue to pump diesel. We stuck the tank and there was no excess amount of water in the diesel fuel. One matter I do want to bring to your and DOT Facilities attention. The inspectors from DEC were extremely agitated about the fuel level and leak indicators at the station. The lights are on and there is a paper cup taped over the audible alarm (not placed there by DOT personnel). The informed us that this must be repaired immediately. We have been complaining about this

Visit DOT's Website at <http://www.ci.nyc.ny.us/calldot>

Got a transportation problem/question/complaint? Dial 212 or 718 **CALL DOT**

since day 1. I spoke to URS' contract manager this morning. He informed me that the fuel station passed all inspections and is presently out of warranty. I believe that this makes the repair of this DOT's responsibility.

If you have any questions on this matter, I can be reached at 718/369-4244. Thank you.

cc: A. Cortes, A. DeChillo, T. Siano

fuelleak

To Dave,
Date _____ Time _____ A.M.
P.M.

WHILE YOU WERE OUT

M. _____
of _____
Phone _____
Area Code Number Extension

TELEPHONED		PLEASE CALL	
CALLED TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		URGENT	
RETURNED YOUR CALL			

Message Contractor will
be in today for
Alarm Panel.
Alice Cortez
Operator

HX2

LITHO U.S.A



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

BATTALION

D.O. 10/26
E 19544

VIOLATION ORDER

To 448 HAMILTON AVE DOT ASPHALT PLANT
FIRST CITY Agency 05113279
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
SP	1	In the interest for public safety. REPAIR OR REPLACE THE DEFECTIVE LEAK DETECTION DEVICES. 1 EA FOR GASOLINE TANK and 2 EA FOR DIESEL TANK TO ITS PROPER OPERATING CONDITION. AS PER ADM CODE T-27 4005
	2	UPON COMPLETION, SUBMIT AN AFFIDAVIT TO SUCH REPAIRS/REPLACE FROM THE LICENSED FDNY CONTRACTOR TO THIS DEPARTMENT.
		NOTE: PNEUMERCATOR - MODEL # LC 1000 INDICATES LEAK MODE

If this order has not been complied with in, _____ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25 FOR -NUMBERING TO 24 FOR DISMISSAL

THOMAS VON ESEN
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

ANTHONY BORDENCA SUPERVISOR (718) 369-4235
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
P. LEONEN 2/10/99 BULK Fuel Storage Unit
INSPECTOR DATE UNIT
Unit Address 9 metrotech Center Bklyn Unit Telephone (718) 999-2460

MEMORANDUM

TO: Leon Heyward
Deputy Commissioner

FROM: David Sterman
Asphalt Operations

DATE: February 19, 1999

RE: Leak at Hamilton Asphalt Plant Fuel Station

We had a problem with gasoline leak at the Hamilton Avenue fuel station yesterday, February 18, 1999. I was with you at the DOTSTAT meeting while this occurred. Here is my understanding of what took place.

First thing in the morning a DOT pickup truck was given 25 gallons of unleaded. After receiving the gas the truck would not start due to water in the tank. Following that the payload operator was loading debris trucks in the back of the yard. At about 10:15 he began to smell gas fumes. By 10:30 he was getting dizzy and the gas was bubbling out of the ground at the gasoline fill station. Our fuel dispatcher, Joe Perrone, was notified. He looked at the problem and immediately notified the Fire Department. Multiple Fire trucks and boats responded and applied foam to the gas station. The Fire Department also had us shut off the burners to the 30,000 gallon asphalt cement tanks. Before the end of the day, the Coast Guard, DEC, DEP, OEM, and DDC were all on site. Al DeChillo was also on site dealing with these agencies. The situation was stabilized. With your assistance, a truck from Fenley & Nicol Environmental responded and pumped out the gas tank as per Fire Department orders.

I have a Fire Department violation ordering us to discontinue the use of the gasoline station. It appears to me that we can continue to pump diesel. We stuck the tank and there was no excess amount of water in the diesel fuel. One matter I do want to bring to your and DOT Facilities attention. The inspectors from DEC were extremely agitated about the fuel level and leak indicators at the station. The lights are on and there is a paper cup taped over the audible alarm (not placed there by DOT personnel). The informed us that this must be repaired immediately. We have been complaining about this

since day 1. I spoke to URS' contract manager this morning. He informed me that the fuel station passed all inspections and is presently out of warranty. I believe that this makes the repair of this DOT's responsibility.

If you have any questions on this matter, I can be reached at 718/369-4244. Thank you.

cc: A. Cortes, A. DeChillo, T. Siano

fuelleak

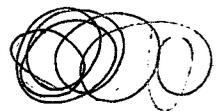
Fire Dep, McGrath

44# OME, Peter Anglem

J. Krengold / DEC, tel

718-482-4933

EX, 7143



FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # _____

DATE 2/18/99

MANIFEST # No. 06898

1. **GENERATOR OF WASTE**

NAME NYC DOT
 ADDRESS 448 HAMILTON AVE
 PHONE NUMBER _____
 SITE LOCATION BKLYN NY

2. **IDENTIFICATION OF WASTE**

PROPER U.S. D.O.T. SHIPPING NAME	STATE CODE	CONTAINER TYPE	QTY. GALLONS
<u>GASOLINE MIXTURE</u> <u>3 UN1203 PG II</u>	<u>NO18</u>	<u>TT</u>	<u>1392</u>
Spill # (if applicable)	ERG # <u>128</u>		

3. **GENERATOR'S CLASSIFICATION**

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR DAVID STERMAN
 and/or (Authorized Agent) _____ please print or type

SUPERVISOR'S SIGNATURE David Sterman TITLE _____

4. **TRANSPORTER NAME AND ADDRESS (#1)**

NAME FENLEY & NICOL ENVIRONMENTAL INC.
 ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729
 PHONE NUMBER 24 Hour Emergency# (516) 586-4900
 DRIVER'S NAME MIKE HALL SIGNATURE MR Hall
 INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # N2-3240

(#2)

NAME _____
 ADDRESS _____
 PHONE NUMBER _____
 DRIVER'S NAME _____ SIGNATURE _____
 INDUSTRIAL WASTE HAULER PERMIT # _____ VEHICLE PLATE # _____

5. **DISPOSAL SITE (Must be filled in by disposal site)**

NAME OF FACILITY _____
 ADDRESS OF FACILITY _____
 PHONE NUMBER _____
 This load was received as stated by generator YES NO
 DISPOSAL SITE IDENTIFICATION NUMBER (if applicable) _____
 DISPOSAL SITE INSPECTOR NAME _____
 SIGNATURE _____ DATE _____

GENERATOR-White

TRANSPORTER-Yellow

DISPOSAL-Pink

ORANGE-File

U.S. Department
of Transportation

United States
Coast Guard



NOTICE OF FEDERAL INTEREST FOR
AN OIL POLLUTION INCIDENT

COMMANDING OFFICER

Commander (epb)
U.S. Coast Guard Activities New York
212 Coast Guard Drive
Staten Island, New York 10305
718-354-4136

NYC DOT Asphalt
448 Hamilton Ave.
Brooklyn NY 11232

18 FEB 99

Gentlemen:

On or about 18 FEB 99, an oil pollution incident occurred or threatens to occur at 448 Hamilton Ave. Brooklyn NY. You may be financially responsible for that incident. Under Federal Statutes, the United States Government may take action to minimize or mitigate damage to the public health or welfare that is threatened or that may be caused by this incident.

Under the Oil Pollution Act of 1990, the responsible party is liable for, among other things, removal costs and damages resulting from this incident. The failure or refusal of the responsible party to provide all reasonable cooperation and assistance requested by the Federal On-Scene Coordinator (OSC) will eliminate any defense or entitlement to limited liability which otherwise might be available under the Act.

You are advised that your failure to properly carry out the removal of the discharge as ordered by the OSC or to comply with any administrative orders necessary to protect the public health and welfare, may subject you to additional penalties. For such failure, owners, operators, or persons in charge of the vessel or facility from which the oil is discharged are subject under the Federal Water Pollution Control Act (FWPCA), as amended, to a civil penalty of up to \$25,000 per day of violation or up to 3 times the costs incurred by the Oil Spill Liability Trust Fund. Should you require further information concerning this matter, please contact Lt messenger ANSTCS DANOVAN at the above address and telephone number.

As long as the OSC determines that you are taking adequate actions in this matter, Federal removal action will usually be limited to monitoring the progress of your actions and providing guidance as necessary. Under the FWPCA, as amended, your response actions may be taken into account in determining the amount of any penalty assessed as a result of the discharge.

Sincerely,

Martin Dechillo
Al DeChillo

Received and Acknowledged:

Al DeChillo AL DECHILLO

Witness(es):



CROSS STREETS

CITY OF NEW YORK
FIRE DEPARTMENT

A-10(D) (4/97) 72-910143-117-P

BATTALION

D.O. 10/26

E 19543

VIOLATION ORDER

To 448 HAMILTON AVE BKLYN DOT Asphalt plant
1ST ADDRESS
City Agency NAME OF OWNER, LEASEE, OCCUPANT, ETC.
05113279 ACCOUNT NO.
ROOM NO. OR FLOOR TYPE OF OCCUPANCY

An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

STANDARD ORDER FORM NO.	ITEM NO.	DESCRIPTION
SP	1	In the interest in Public Safety, Discontinue the use of defective and leaky 1K PRP DWT (GASOLINE) AS PER Adm. Code T27-408.
	2	THE Above repairs to be done by a NYC FD Licensed Buried Tank Contractor. Once completed provide this unit with an Affidavit to such repairs, from the licensed Buried Tank Contractor & Arrange for an appointment with this Dept to witness or Hydrotest or Precision Test of the repaired tanks. AS per T27-408 + O.B.G.C Adm. Code.

If this order has not been complied with ~~within~~ ¹⁰ days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

FOR NUMBERING

TO 24

FOR DISMISSAL

THOMAS VON FESSEN
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

AL DECHILLO DIRECTOR of Paving Operation (718) 364-4235
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE #
D. LEONEN 2/18/99 Bulk Fuel Storage Unit
INSPECTOR DATE UNIT
Unit Address 9 Metrotech Center BKLYN 11201 Unit Telephone (718) 999 2460

U.S. Department
of Transportation



Commander
U.S. Coast Guard
Activities New York

212 Coast Guard Drive
Staten Island, NY 10305
Staff Symbol: epb
Phone: (718) 354-4136

United States
Coast Guard

NYC DOT Asphalt
448 HAMILTON AVE
BROOKLYN, NY 11232

16465

Date 18 FEB 99

Subj: **LETTER OF OBSERVATIONS AND DIRECTIVES**

On 18 FEB 99 Coast Guard Pollution Investigators MSTZ DEASON
MSTZ WILLIAMMEE visited your vessel/facility located at _____
_____ to monitor your pollution incident.
The Coast Guard will be monitoring the progress of your cleanup
and mitigation efforts as long as:

- X oil remains to be removed, continues to enter, or poses a threat of entering a navigable water, including tributaries of navigable waters and the contiguous zone of the U.S. or;
- _____ there is a release or a substantial threat of a release of a hazardous substance into the environment or;
- _____ the release or substantial threat of release of pollutant or contaminant poses an imminent and substantial danger to public health or welfare.

Initially, your efforts should be directed towards immediate containment, control and removal of the pollutant. Once that is accomplished, you should focus on permanently eliminating or correcting the source of the pollution. If needed, the Captain of the Port (COTP) will assist you in determining how you should proceed with the cleanup and mitigation of the pollution.

Should you have any questions concerning this incident, please contact the Pollution Response Section at (718) 354-4136.

OBSERVATIONS: @ 1300 (time): Tide: _____ Temp: 45 Wind: Calm
Vis: Rain / ① observe tank at NYC-DOT facility ② 448
Hamilton Ave Brooklyn, NY. ② observed gasoline puddle on
the surface of the ground above tank ③ observe GOWANUS
Canal approx. 1000 ft. from tank

RECOMMENDATIONS: ① continue to keep Gasoline from entering
the water. ② Pump Gasoline out of tank to prevent
Gasoline from puddling on surface ③ examine tank
and make necessary repairs before putting it back into
service

Al DeChillo
(Responsible Party Signature)

Marlon Deason
MARLON DEASON MSTZ

(Investigator's Signatures)
Date/Time: 1315 / 18 FEB 99

URS Greiner

ONE PENN PLAZA
SUITE 610
NEW YORK, NEW YORK 10119-0118
TEL: (212) 736-4444

LETTER OF TRANSMITTAL

TO: D.O.T

DATE: <u>9/1/98</u>	JOB NO. <u>HWKF-033</u>
ATTENTION: <u>Mr. T. Siano</u>	
RE: <u>Hamilton Ave.</u>	

PLEASE REFER TO THIS TRANSMITTAL NUMBER ON ALL FUTURE CORRESPONDENCE:

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via by Hand the following items:

Shop drawings Prints Plans Samples Specifications

Copy of letter Change order

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>			<u>Five violation dismissal</u>

THESE ARE TRANSMITTED as checked below:

- For approval No Exceptions Taken Resubmit _____ copies for approval
- For your use Revise as Noted Submit _____ copies for distribution
- As requested Amend and Resubmit Return _____ corrected prints
- For review and comments Rejected-See Remarks
- FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS

COPY TO _____ SIGNED: [Signature]

If enclosures are not as noted, kindly notify us at once.

URS Greiner

August 12, 1998

One Penn Plaza, Suite 610
New York, New York 10119-0118
Telephone: (212) 736-4444
Facsimile: (212) 629-4249
Offices in Principal Cities Nationwide

Constantine D&B Ltd.
14-51 Broadway
Long Island City, NY 11101

Attn: Tony Staknys

Re: Renovation of the Hamilton Avenue
Highway Yard Facility
CAPIS ID# HWKF-033
Registration #9575753
Fire Department Violations

Mr. Staknys:

Our previous requests and directives to submit a schedule for the remaining work has not yet been responded to by your office. We wish to remind you that the remaining work is in areas essential to DOT's operation. Accordingly, the remaining site work and wharf renovation require more precise scheduling than previously exercised if DOT is to maintain its current rate of production.

Again, you are directed to submit a detailed schedule, with emphasis on precise wharf and site activities, and durations. Submit the schedule to URS for review and comment by August 13.

Thank you.

Respectfully,
Donald Seminera
Donald Seminera

cc: F. Darpino, Sam Atieh, J. Fedun, T. Siano

URS Greiner

August 12, 1998

Constantine D&B Ltd.
14-51 Broadway
Long Island City, NY 11101

Attn: C. Ioannou

Re: Renovation of the Hamilton Avenue
Highway Yard Facility
CAPIS ID# HWKF-033
Registration #9575753
Fire Department Violations

URS Greiner, Inc.
One Penn Plaza, Suite 610
New York, New York 10119-0118
Telephone: (212) 736-4444
Facsimile: (212) 629-4249
Offices in Principal Cities Nationwide

Mr. Constantine:

Since early June, your on-site supervision has been intermittent. This condition is unacceptable. According to specification 1000, para. A, you are required to provide supervision from commencement of the project to its completion. Further, any change in supervision must be approved by the DDC.

Barring notice of any such change, we expect T. Staknys to be on-site on a full time basis to address coordination and scheduling concerns as they arise. Your compliance with the specification is essential in order to avoid further delays.

Sincerely Yours,



Donald Seminera

cc: F. D'Arpino, S. Atieh, J. Fedun, T. Siano.

FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER

U 140965



VIOLATIONS

Total No. of Violations **2**

To: **448 HAMILTON AVE BROOKLYN** NYC DEPT OF HIGHWAYS
Address of Premises City Name of Owner, Leasee, Occupant, etc.

D.O.T. ASPHALT PLANT
Room No. or Floor Type of Occupancy Account No.

Item No.	Item No.	VIOLATION ORDER	Total
	FP-1-2	Provide / Refill fire pails of sand/water at	Total
	FP-3-4	Provide / Refill (or) recharge approved _____ TYPE fire extinguishers at	
	FP-7	Provide properly covered fireproof receptacles for inflammable rubbish at	
	FP-11	Provide "No Smoking" signs at	Total
	FP-12	Remove all accumulations of inflammable rubbish from _____ and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)	
	FP-13	Reduce height of stock to not less than 18 inches of ceiling or sprinklers at	
	FP-15	Discontinue storage, sale, or use of volatile flammable liquids.	
	FP-17	Discontinue use of open flame at	
	FP-21	Maintain floors clean of waste oils.	
	FP-25-26	Provide Exit signs/Red lights over exit signs at	Total
	FP-27	Maintain adequate aisle space not less than 36 inches at	
	FP-28	Remove all obstructions to means of egress at	
	FP-30	Remove grease, paint, or other accumulations from hoods or ducts on	
	FP-42	Replace missing or defective hose on standpipe outlet at	
	FP-56	Remove all obstructions to sprinkler control valve at	
	FP-60	Seal sprinkler control valves "open" with approved seals at	
	FP-102	Remove unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a required secondary means of egress.	
	SP-12	Arrange (scuttle/bulkhead door) to be readily opened from the inside without the use of a key.	
	SP-15, 16, 17, & 18	Provide that door of (public hall/dumbwaiter/roof bulkhead/rubbish chute/laundry chute hopper/kitchen/incinerator chute hopper/garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/maintenance room) located at _____ be self closing/placed in good operating condition/maintained closed.	
	SP-19	Maintain adequate light in (public hallway/public stairway) at	
	SP-34	Properly scrape and paint with two coats of paint the (fire escape/exterior screened stairway) on (front/rear/ _____ side) of building.	
	SP-35	Properly replace all defective portions of the (fire escape/exterior screened stairway) at the _____ side of the building. All windows and doors which open upon the course of the (fire escape/exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint.	
	SP-38	Provide that the self-closing (door/window) opening on the course of the (fire escape/exterior screened stairway) on the _____ side of the building on the _____ story, be (placed in good operating condition/maintained closed).	
	SP-39	Provide that the door serving as required means of egress at _____ be readily openable from (the inside/both sides) without the use of a key.	
	SP-42	Store (paint/paint drop cloths) in approved storage (area/room/cabinet) at	
	SP-53	Replace (used/damaged/missing) sprinkler head at	
	SP-64	Discontinue use of temporary wiring being used in place of fixed wiring at	
	SP-80	Properly store (mattresses/furniture/paints/insecticides) in approved storage (compartment/room) at	
	SP-81	Provide temporary protection of unused dumbwaiter shafts by means of nailing doors closed and sealing of unprotected openings on all floors, including cellar, (skylights shall remain) pending compliance with the requirement of the Department of Buildings.	
	FO-5	Provide an affidavit from a licensed fuel oil installer that oil burner is clean and in operating condition.	
	SP-83	- Repair Foam Deluge System to proper working order Forthwith	
	SP-84	- Clean and maintain Foam Pits to proper working order Forthwith	
		6/24/98 12:00pm (24 hrs)	

If this order has not been complied with, in days of the issuance date (or forthwith for those violations designated "comply FORTHWITH"), a summons will be served for violation of Chapter 19 of the Administration Code of the City of New York.

THOMAS VAN ESPAN
[Signature]
Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Bill Slater

FR Dennis Brantley

6/24/98

Name of person who received this order

Owner/Agent Occupant

Inspector

Date

Important: See instructions on reverse side. For information, inspection or dismissal contact inspection unit:

Unit **L-122** Unit Address **532 11th ST BKLYN NY 11215** Unit Telephone **718 965-8368**

INSTRUCTIONS

Sir or Madam:

An inspection this date of the premises disclosed the existence of violations under the enforcement jurisdiction of the Fire Department. The violations are indicated by number in the far left column. Where there is a choice of words in an item as indicated by a slash (/) the inspector has circled the applicable words.

Thus: Provide Refill 2 fire pails of sand / water

Means: Refill 2 fire pails of sand

Additional violations may be handwritten in the blank spaces below the printed items.

Fire Department inspections are designed to reduce losses of life and property both through the prevention of fires and through opportunity for more intelligent handling of fires.

The Fire Department makes inspections in order:

- (1) To obtain the correction of conditions creating an undue fire hazard.
- (2) To assure that fire protection equipment is available and properly maintained.
- (3) To assure that features providing protection against spread of fire are installed and properly maintained.
- (4) To assure that exit facilities are properly maintained for use in case of fire.

The violation items printed on the reverse side are among those most frequently encountered by Fire Department personnel. Even where a violation does not currently exist, the list of items can be used as a partial guide to maintaining sound fire prevention practices until the next periodic inspection.



FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

U 140966

VIOLATION ORDER

VIOLATIONS

To: 448 Hampton Ave. Bklyn N.Y. Dept of Highway
Address of Premises
P.O.T. Asphalt Plant
Name of Owner, Lessee, Occupant, etc.
Room No. or Floor
Type of Occupancy
Account No.

Item No.	Description of Violation
EP-12	Provide / Refill (or) recharge approved fire extinguishers at
EP-7	Provide properly covered fireproof receptacles for inflammable rubbish at
EP-11	Provide "No Smoking" signs at
EP-12	Remove all accumulations of inflammable rubbish from premises and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)
EP-13	Reduce height of stock to not less than 18 inches of ceiling on sprinklers at
EP-15	Discontinue storage, sale, or use of volatile flammable liquids
EP-17	Discontinue use of open flame at
EP-21	Maintain floors clean of waste oils
EP-25/26	Provide Exit signs/Red lights over exit signs at
EP-27	Maintain adequate aisle space not less than 36 inches at
EP-28	Remove all obstructions to means of egress at
EP-30	Remove grease, paint, or other accumulations from hoods or ducts on
EP-42	Replace missing or defective hose on standpipe outlet at
EP-56	Remove all obstructions to sprinkler control valve at
EP-60	Seal sprinkler control valves open with approved seals at
EP-102	Remove unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a required secondary means of egress
SP-12	Arrange (scuttle/bulkhead door) to be readily opened from the inside without the use of a key
SP-15	Provide that door of (public hall/dumbwaiter/roof bulkhead/rubbish chute/laundry chute hopper/kitchen/incinerator chute hopper/garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/maintenance room) located at be self closing/placed in good operating condition/maintained closed
SP-19	Maintain adequate light in (public hallway/public stairway) at
SP-34	Properly scrape and paint with two coats of paint the (fire escape/ exterior screened stairway) on (front/rear/ side) of building
SP-35	Properly replace all defective portions of the (fire escape/ exterior screened stairway) at the side of the building. All windows and doors which open upon the course of the (fire escape/ exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint
SP-38	Provide that the self-closing (door/window) opening on the course of the (fire escape/ exterior screened stairway) on the side of the building on the story be (placed in good operating condition/maintained closed)
SP-39	Provide that the door serving as required means of egress at be readily openable from (the inside/both sides) without the use of a key
SP-42	Store (paint/paint drop cloths) in approved storage (area/room/cabinet) at
SP-53	Replace (used/damaged/missing) sprinkler head at
SP-64	Discontinue use of temporary wiring being used in place of fixed wiring at
SP-80	Properly store (mattresses/furniture/paints/insecticides) in approved storage (compartment/room) at
SP-83	Provide temporary protection of unused dumbwaiter shafts by means of nailing doors closed and sealing of unprotected openings on all floors including cellar (skylights shall remain) pending compliance with the requirement of the Department of Buildings
SP-85	Provide an affidavit from a licensed fuel oil installer that oil burner is clean and in operating condition
SP-85	Properly provide general maintenance throughout compound, all mechanical rooms, electrical rooms, sprinkler shut-off rooms. Remove ALL construction debris from outside compound area

If this order has not been complied with in 16 days of the issuance date (or forthwith for those violations designated "Comply FORTHWITH"), a summons will be served for violation of Chapter 19 of the Administration Code of the City of New York

Thomas Wop Esson
Fire Commissioner

Bill Slater
Name of person who received this order
Pammy Brantley
Owner/Agent/Occupant
6/24/98
Date

Unit Address: 532 11th Street Bklyn 11215
Unit Telephone: 718 965-8368



FIRE DEPARTMENT

BUREAU OF FIRE PREVENTION

U 140964

VIOLATION ORDER

VIOLATIONS

To: 448 HAMILTON AVE BROOKLYN NY 11215

Room No. or Floor: D.O.T. ASPHALT PLANT

Item No. 1 VIOLATION ORDER

FP-12 Provide / Refill (or) recharge approved fire extinguishers at

FP-7 Provide properly covered fireproof receptacles for inflammable rubbish at

FP-10 Provide No Smoking signs at

FP-12 Remove all accumulations of inflammable rubbish from premises and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)

FP-13 Reduce height of stock to not less than 18 inches of ceiling or sprinklers at

FP-15 Discontinue storage, sale, or use of volatile flammable liquids

FP-17 Discontinue use of open flame

FP-21 Maintain floors clean of waste oils

FP-25/26 Provide Exit signs/Red lights over exit signs at

FP-27 Maintain adequate aisle space not less than 36 inches at

FP-28 Remove all obstructions to means of egress at

FP-30 Remove grease, paint, or other accumulations from hoods or ducts on

FP-42 Replace missing or defective hose on standpipe outlet at

FP-56 Remove all obstructions to sprinkler control valve at

FP-60 Seal sprinkler control valves "open" with approved seals at

FP-102 Remove unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a required secondary means of egress.

SP-12 Arrange (scuttle/bulkhead door) to be readily opened from the inside without the use of a key.

SP-15 Provide that door of (public hall/dumbwaiter/roof bulkhead/rubbish chute/laundry chute hopper/kitchen/incinerator chute hopper/garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/maintenance room) located at be self closing/placed in good operating condition/maintained closed.

SP-19 Maintain adequate light in (public hallway/public stairway) at

SP-34 Properly scrape and paint with two coats of paint the (fire escape/exterior screened stairway) on (front/rear/ side) of building

SP-35 Properly replace all defective portions of the (fire escape/exterior screened stairway) at the side of the building. All windows and doors which open upon the course of the (fire escape/exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint.

SP-38 Provide that the self-closing (door/window) opening on the course of the (fire escape/exterior screened stairway) on the side of the building on the story, be (placed in good operating condition/maintained closed)

SP-39 Provide that the door serving as required means of egress at be readily openable from (the inside/both sides) without the use of a key.

SP-42 Store (paint/paint drop cloths) in approved storage (area/room/cabinet) at

SP-53 Replace (used/damaged/missing) sprinkler head at

SP-64 Discontinue use of temporary wiring being used in place of fixed wiring at

SP-80 Properly store (mattresses/furniture/paints/insecticides) in approved storage (compartment/room) at

SP-81 Provide temporary protection of unused dumbwaiter shafts by means of nailing doors closed and sealing of unprotected openings on all floors, including cellar. (skylights shall remain) pending compliance with the requirement of the Department of Buildings.

OS Provide an affidavit from a licensed fuel oil installer that oil burner is clean and in operating condition

SP-84 PROVIDE STENS THROUGHOUT THE PLANT FOR ALL AIR CONDITIONER, SPRINKLER CONTROL, ELECTRICAL, MECHANICAL ROOMS

SP-85 PROVIDE A STEN AT STAMERSE CONNECTION ON HAMILTON AVE. FOR THE LOCATION OF OSY VACUE

SP-86 PROVIDE KEYS FOR ALL ROOMS IN ITEM NO. (SP-84) FOR FIRE DEPARTMENT USE.

This order has not been complied with in 30 days of the issuance date (or forthwith for those violations designated "Comply FORTHWITH") a summons will be served for violation of Chapter 19 of the Administration Code of the City of New York

Signature of Thomas Von Esson, Fire Commissioner

Signature of Bill Slater, Inspector

Signature of Brian Sullivan, Owner/Agent/Occupant

Date: 6/24/98

Unit Address: 530 11th St. BKLN NY 11215

Unit Telephone: 718-965-8368



FIRE DEPARTMENT

BUREAU OF FIRE PREVENTION

1140963

VIOLATION ORDER

An inspection of the premises... has revealed the following violations... (A) This is a violation of the Code of the City of New York...

To: 478 HAMILTON AVE. BROOKLYN N.Y. DEPT OF HIGHWAY

Room No. or Floor: D.O.T. ASPHALT PLANT

VIOLATION ORDER

FP-12 Provide / Refill (or) recharge approved fire extinguishers at

FP-7 Provide properly covered fireproof receptacles for inflammable rubbish at

FP-11 Provide "No Smoking" signs at

FP-12 Remove all accumulations of inflammable rubbish from the premises and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)

FP-13 Reduce height of stock to not less than 18 inches of ceiling of sprinklers at

FP-15 Discontinue storage, sale, or use of volatile flammable liquids

FP-17 Discontinue use of open flame at

FP-21 Maintain floors clean of waste oils

FP-25-26 Provide Exit signs/Red lights over exit signs at

FP-27 Maintain adequate aisle space not less than 36 inches at

FP-28 Remove all obstructions to means of egress at

FP-30 Remove grease, paint, or other accumulations from hoods or ducts on

FP-42 Replace missing or defective hose on standpipe outlet at

FP-56 Remove all obstructions to sprinkler control valve at

FP-60 Seal sprinkler control valves "open" with approved seals at

FP-102 Remove unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a required secondary means of egress

SP-12 Arrange (scuttle/bulkhead door) to be readily opened from the inside without the use of a key

SP-15 Provide that door of (public hall/dumbwaiter/roof bulkhead/rubbish chute/laundry chute hopper/kitchen/incinerator chute hopper/garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/maintenance room) located at be self-closing/placed in good operating condition/maintained closed

SP-19 Maintain adequate light in (public hallway/public stairway) at

SP-34 Properly scrape and paint with two coats of paint the (fire escape/ exterior screened stairway) on (front/rear/ side) of building

SP-35 Properly replace all defective portions of the (fire escape/ exterior screened stairway) at the side of the building. All windows and doors which open upon the course of the (fire escape/ exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint

SP-38 Provide that the self-closing (door/window) opening on the course of the (fire escape/ exterior screened stairway) on the side of the building on the story be (placed in good operating condition/maintained closed)

SP-39 Provide that the door serving as required means of egress at be readily openable from (the inside/ both sides) without the use of a key

SP-42 Store (paint/ paint drop cloths) in approved storage (area/ room/ cabinet) at

SP-53 Replace (used/ damaged/ missing) sprinkler head at

SP-54 Discontinue use of temporary wiring being used in place of fixed wiring at

SP-80 Properly store (mattresses/ furniture/ paints/ insecticides) in approved storage (compartment/ room) at

SP-81 Provide temporary protection of unused dumbwaiter shafts by means of nailing doors closed and sealing of unprotected openings on all floors including cellar (skylights shall remain) pending compliance with the requirement of the Department of Buildings

SP-83 Provide an affidavit from a licensed fuel oil installer that oil burner is clean and in operating condition

SP-83 PROVIDE A FIXED SCUTTLE LADDER FOR THE SCUTTLE OPENINGS IN THE TWO STORY LAB BUILDING PUBLIC STAIRWELL

If this order has not been complied with in 30 days of the issuance date (or forthwith for those violations designated "Comply FORTHWITH"), a summons will be served for violation of Chapter 19 of the Administration Code of the City of New York

Bill Slater (Name of person who received this order), Thomas Von Gesson (Fire Commissioner), 6/29/98 (Date)

LADDER 122 (Unit Address), 530 11th St. BKlyn NY 11215 (Unit Telephone), 718-965-8368



CITY OF NEW YORK
FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

448962

VIOLATION ORDER

VIOLATIONS

To: 448 HAMILTON BROOKLYN INM.C. DEPT OF HIGHWAYS
Address of Premises D.O.T. ASPHALT PLANT
Room No. or Floor 1ST Type of Occupancy ASPHALT PLANT

Item No.	Item No.	VIOLATION ORDER
FP-1-2	Provide	Required fire extinguishers
FP-3-4	Provide / Refill (or) recharge	approved fire extinguishers at
FP-7	Provide	properly covered fireproof receptacles for inflammable rubbish or
FP-11	Provide	"No Smoking" signs
FP-12	Remove	all accumulations of inflammable vapors, liquids, solids, or other materials and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)
FP-13	Reduce	height of stock to not less than 18 inches of ceiling or sprinklers
FP-15	Discontinue	storage, sale, or use of volatile flammable liquids
FP-17	Discontinue	use of open flames
FP-21	Maintain	floors clean of waste oils
FP-25-26	Provide	Exit signs/Red lights over exit signs or
FP-27	Maintain	adequate aisle space not less than 36 inches
FP-28	Remove	all obstructions to means of egress at
FP-30	Remove	grease, paint, or other accumulations from hoods or ducts on
FP-42	Replace	missing or defective hose on standpipe outlet at
FP-56	Remove	all obstructions to sprinkler control valve at
✓ FP-60	Seal	sprinkler control valves "open" with approved seals at <u>Throughout THE PLANT</u>
FP-102	Remove	unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a required secondary means of egress.
SP-12	Arrange	(scuttle/bulkhead door) to be readily opened from the inside without the use of a key.
SP-15, 16, 17 & 18	Provide	that door of (public hall/dumbwaiter/roof bulkhead/rubbish chute/laundry chute/hopper/kitchen/incinerator chute/hopper/garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/maintenance room) located at
SP-19	Maintain	adequate light in (public hallway/public stairway) at
SP-34	Properly	scrape and paint with two coats of paint the (fire escape/exterior screened stairway) on (front/rear/ side) of building.
SP-35	Properly	replace all defective portions of the (fire escape/exterior screened stairway) at the side of the building. All windows and doors which open upon the course of the (fire escape/exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint.
SP-38	Provide	that the self-closing (door/window) opening on the course of the (fire escape/exterior screened stairway) on the side of the building on the story, be (placed in good operating condition/maintained closed).
SP-39	Provide	that the door serving as required means of egress at readily openable from (the inside/both sides) without the use of a key.
SP-42	Store	(paint/paint drop cloths) in approved storage (area/room/cabinet) at
SP-53	Replace	(used/damaged/missing) sprinkler head at
SP-64	Discontinue	use of temporary wiring being used in place of fixed wiring at
SP-80	Properly	store (mattresses/furniture/paints/insecticides) in approved storage (compartment/room) at
SP-81	Provide	temporary protection of unused dumbwaiter shafts by means of nailing doors closed and sealing of unprotected openings on all floors, including cellar, (skylights shall remain) pending compliance with the requirement of the Department of Buildings.
FO-5	Provide	an affidavit from a licensed fuel oil installer that oil burner is clean and in operating condition.
FP 60	CHAIN AND LOCK SPRINKLER CONTROL VALVES IN THE OPEN POSITION THROUGHOUT THE PLANT	
SP 82	INSTALL - SUPPLY FIVE SIX SPARE SPRINKLER HEADS IN SPRINKLER CONTROL ROOM FOR FIRE DEPARTMENT USE	

If this order has not been complied with in 30 days of the issuance date (or forthwith for those violations designated "comply FORTHWITH"), a summons will be served for violation of Chapter 19 of the Administration Code of the City of New York.

This is to certify that I have made an inspection of said premises and have issued the above order to
Bill Slater Name of person who received this order
Thomas J. Esson Fire Commissioner
Brian Sullivan Inspector
6/29/95 Date
 Important: See instructions on reverse side. For information, inspection or dismissal contact inspection unit: 718-072-0915



**FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
VIOLATION ORDER**

A 06227

Total No. of Violations 1

To: 448 Hamilton Ave. BKLYN Steve DeAngelis
 Address of Premises Boro Name of Owner, Leasee, Occupant, etc.
1ST AND 2ND FL. COMM. _____
 Room No. or Floor Type of Occupancy Account No.

VIOLATION ORDER

Item No.	Item No.	Description	Total
	FP-1-2	Provide / Refill fire pails of sand/water at	Total
	FP-3-4	Provide / Refill (or) recharge approved _____ TYPE _____ fire extinguishers at	
	FP-7	Provide properly covered fireproof receptacles for "inflammable rubbish at	
	FP-11	Provide "No Smoking" signs at	Total
	FP-12	Remove all accumulations of inflammable rubbish from _____ and maintain all parts of premises free from such accumulations at all times (Comply FORTHWITH)	
	FP-13	Reduce height of stock to not less than 18 inches of ceiling or sprinklers at	
	FP-15	Discontinue storage, sale, or use of volatile flammable liquids.	
	FP-17	Discontinue use of open flame at	
	FP-21	Maintain floors clean of waste oils.	
	FP-25-26	Provide Exit signs/Red lights over exit signs at	Total
	FP-27	Maintain adequate aisle space not less than 36 inches at	
	FP-28	Remove all obstructions to means of egress at	
	FP-30	Remove grease, paint or other accumulations from hoods or ducts on	
	FP-42	Replace missing or defective hose on standpipe outlet at	
	FP-56	Remove all obstructions to sprinkler control valve at	
	FP-60	Seal sprinkler control valves "open" with approved seals at	
	FP-102	Remove unapproved iron bars, grills, gates, or other obstructing devices on any window giving access to fire escapes or to a required secondary means of egress.	
	SP-12	Arrange (scuttle/bulkhead door) to be readily opened from the inside without the use of a key.	
	SP-15, 16, 17, & 18	Provide that door of (public hall, dumbwaiter/roof bulkhead/ rubbish chute/ laundry chute hopper/ kitchen/ incinerator chute hopper/ garage/garage vestibule/stairway/store room/rubbish room/incinerator room/boiler room/ maintenance room) located at _____ be self closing/placed in good operating condition/maintained closed.	
	SP-19	Maintain adequate light in (public hallway/public stairway) at	
	SP-34	Properly scrape and paint with two coats of paint the (fire escape/exterior screened stairway) on (front/rear/_____ side) of building.	
	SP-35	Properly replace all defective portions of the (fire escape/exterior screened stairway) at the _____ side of the building. All windows and doors which open upon the course of the (fire escape/exterior screened stairway) are to be repaired and all work showing corrosion is to be scraped and painted with at least two coats of paint.	
	SP-38	Provide that the self-closing (door/window) opening on the course of the (fire escape/exterior screened stairway) on the _____ side of the building on the _____ story, be (placed in good operating condition/maintained closed).	
	SP-39	Provide that the door serving as required means of egress at _____ be readily openable from (the inside/both sides) without the use of a key.	
	SP-42	Store (paint/paint drop cloths) in approved storage (area/room/cabinet) at	
	SP-53	Replace (used/damaged/missing) sprinkler head at	
	SP-64	Discontinue use of temporary wiring being used in place of fixed wiring at	
	SP-80	Properly store (mattresses/furniture/paints/insecticides) in approved storage (compartment/room) at	
	SP-81	Provide temporary protection of unused dumbwaiter shafts be means of nailing doors closed and sealing of unprotected openings on all floors, including cellar, (skylights shall remain) pending compliance with the requirement of the Department of Buildings.	
	FO-5	Provide an affidavit from a licensed fuel oil installer that oil burner is clean and in operating condition.	

SP01 Provide AFFIDAVIT FROM GAS CO STATING THAT SYSTEM IS IN PROPER WORKING COND.

If this order has not been complied with, in Forthwith days of the 12:01 P.M. issuance date for those violations designated "comply FORTHWITH", a summons will be served for violation of Chapter 19 of the Administration Code of the City of New York.

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Steve DeAngelis FR. Vitiello 2/1/01
 Name of person who received this order Owner/Agent/Occupant Inspector Date
 Important: See instructions on reverse side. For more information, inspection or dismissal contact inspection unit: 965 8368
 Unit L-122 Unit Address 532 71 ST Unit Telephone 870 24



New York City
Department of Transportation

Foreside Plaza, N.Y. 11375
Tel: 718 793-7260
Fax: 718 575-1662

Iris Weinshall, Commissioner

2-21-01

To Whom it may Concern,

I Michael P Lobody, Supv of Plumber
For N.Y.C. DEPT OF TRANSPORTATION, LIC MASTER Plumber
#740. Repaired A GAS LEAK AT THE HAMILTON AVE
FACILITIES ON 2-01-01. GAS LINE WAS TESTED &
KEY SPAN TURN GAS BACK ON.

Michael P Lobody



CROSS STREETS

CITY OF NEW YORK

A-10(D) (1/91) 72-616143-113-8

FIRE DEPARTMENT

BATTALION

BUREAU OF FIRE PREVENTION

D.O. 10

426-448 Hamilton Ave

VIOLATION ORDER

D 75399

To 426 Hamilton Ave Brooklyn NY 11232 Bureau of Highways and
ADDRESS COM NAME OF OWNER, LEASEE, OCCUPANT, ETC. 05113279 SEWERS
ROOM NO. OR FLOOR TYPE OF OCCUPANCY ACCOUNT NO.

Sir: An inspection this date of the above premises indicates the existence of the following violations under the enforcement jurisdiction of this Department. You are hereby directed to correct such violations by compliance with the following order:

APD ER NO.	ITEM NO.	
000020		Seals Tanks in accordance with Title 32.C.N.Y. Section 21-02.
		Seal 3 - 550 Diesel
		Seal 1 - 550 Gasoline
		* Copy of Section 21-02 attached

If this order has not been complied with in 30 days of the issuance date, A SUMMONS will be served for violations of the Administrative Code of the City of New York.

TO 25

TO 24

FOR -NUMBERING

FOR DISMISSAL

Thomas Von Essen

Fire Commissioner

This is to certify that I have made an inspection of said premises and have issued the above order to:

Sloter William plant manager - (718) 788-4516
NAME OF PERSON WHO RECEIVED THIS ORDER TITLE PHONE

Oleg Kots 03/20/98 DO#10
INSPECTOR DATE UNIT

Unit Address Motor Fuel Safety Unit Unit Telephone (718) 999-2461
Brooklyn NY 11201 UNIT 770

Time: 8:15
 Important Message



FIRE DEPARTMENT • CITY OF NEW YORK
BUREAU OF FIRE PREVENTION
9 METROTECH CENTER
BROOKLYN, NEW YORK 11201-3857
718-999-2457 OR 718-999-2458

FACSIMILE TRANSMITTAL SHEET

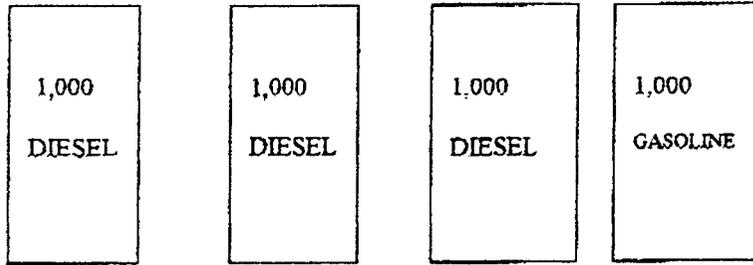
TO: BUREAU OF High Way FROM: M. Ahmed
 COMPANY: FIRE DEPT. NYC DATE: 8/31/98
 FAX NUMBER: 718-402-2590 FAX NUMBER: 718-999-0096/98
 Phone number: 718-999-2450 TOTAL NO. OF PAGES INCLUDING COVER: 2
 RE: V.O. # D 75399.

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Atten : Slater William
(Plant mgr.)

426-488 HAMILTON AVENUE - BROOKLYN, N.Y



 VENT LINES
 DISPENSERS

B & M Service Station Maintenance, Inc.

"The Total Service Station Maintenance Company"
4518 Byron Avenue • Bronx, New York 10466
(718) 324-1333 • Fax: (718) 325-5985

NOVEMBER 27, 1997

NEW YORK CITY FIRE DEPARTMENT
BULK FUEL SAFETY UNIT - 3RD FLOOR
9 METRO TECH CENTER
BROOKLYN, NEW YORK 11201

RE: DEPT. OF TRANSPORTATION YARD
488 HAMILTON AVENUE
BROOKLYN, NEW YORK

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY THAT I, WILLIAM McCOMBS, LICENSE NO. 307, CERTIFICATE NO. 61130571, OF 4515 BYRON AVENUE, BRONX, NEW YORK, WITNESSED THE CLEANING OUT OF (1) 1,000 GALLON GASOLINE TANKS AND (3) 1,000 GALLON DIESEL TANKS. THE REMOVAL OF DEADLINE AND PURGING OF (4) 1,000 GALLON TANKS, SLURRING SAME AND PERMANENTLY SEALING TANKS, AS PER N.Y.C. FIRE DEPARTMENT REGULATIONS.

THIS WAS PERFORMED ON NOVEMBER 27, 1997.

SIGNED: William McCombs

SWORN TO BEFORE ME THIS 27th DAY
OF Nov. 1997

NOTARY: L. TORRES CALDO
NOTARY PUBLIC, State of New York
No. 03-657200X
Qualified in Bronx County
Commission Expires June 30, 1998



**RA
ENVIRONMENTAL
CORP.**

804 East 138th Street
Bronx, NY 10454

Tel: (718) 292-2500

Fax: (718) 402-9515

Fax: (718) 402-2590

August 31, 1998

NYFD BUREAU OF FIRE PREVENTION
MOTOR FUEL SAFETY UNIT
BROOKLYN, NEW YORK 11201

Dear Mr. Ahmed:

Regarding Violation Order # D - 75399 issued to the Dept. of Highways and Bridges located at 426-488 Hamilton Ave. Bklyn., N.Y. by your office on March 20, 1998. RA Environmental Corp. is submitting on behalf of the NYCDOT the attached certificate of closure. The following is an affidavit stating that RA Environmental Corp. in conjunction with B & M Service Station Maintenance Inc., performed all work associated with the tank closures at the above mentioned address in accordance to Title 3 R.C.N.Y. Please feel free to contact me at the above number if you any questions regarding this site.

Sincerely,

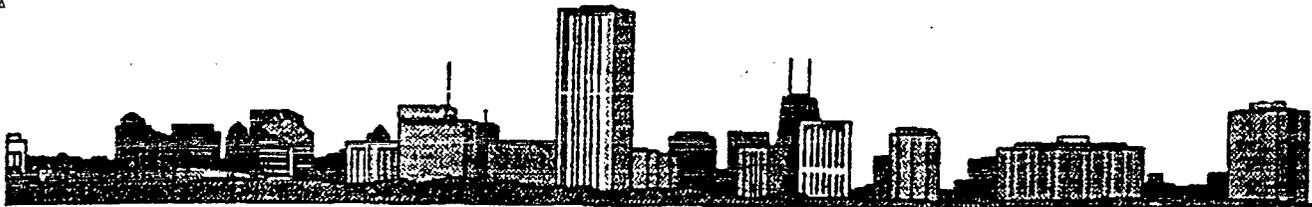
Nicholas Bianco

Enclosure: 1

cc: Tony Stakras, Constantine D&B

Donald Seminera, URS

HAZARDOUS MATERIALS MANAGEMENT & DISPOSAL • COMPLETE ASBESTOS & LEAD ABATEMENT • DEMOLITION SERVICES



R.A. Environmental Corp.

Corporate Office
804 E. 133th Street
Brook. N.Y. 10454
Tel: (718) 292-2500
Fax: (718) 402-2590
9515

Fax Cover Sheet

Date: 9/1/98 Time: 10:10

To (Company): URS

Attention: DONALD S Fax: 965-9730

No of Pages Including Cover Sheet: 6

RE: NYFD VIOLATION ORDER

CC: _____

Message: DONALD,

PLEASE SEE ATTACHED COPY OF
THE DISMISSED VIOLATION ORDER

Originator's Signature: Nick Rustop

EXTENSION REQUESTS FOR

- * WRITTEN CONFINED SPACE ENTRY PROGRAM
- * CONFINED SPACE ABATEMENT
- * WRITTEN HAZARDOUS ASSESSMENT CERTIFICATION PROGRAM
- * WRITTEN PERSONNEL PROTECTION PROGRAM
- * WRITTEN RESPIRATORY PROTECTION PROGRAM

NEW YORK - DEPARTMENT OF LABOR
 OFFICE OF SAFETY AND HEALTH
 Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Sunderland, Department of Motor Vehicles, etc.)

NEW YORK CITY DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE

GABRIEL ORLANDO
 DIRECTOR, TECHNICAL SERVICES, RR&M

2b. TELEPHONE NUMBER

(212) 987-8430

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)

448 HAMILTON AVE.,
 BROOKLYN, NY 11238

4. STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)

29 CFR 1910.134(a)(2) - PLEASE SEE ATTACHED.

5. PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

A WRITTEN RESPIRATORY PROTECTION PROGRAM HAS BEEN ESTABLISHED. ANNUAL FIT TESTING & TRAINING COMPONENTS, FOR ALL EMPLOYEES, HAS NOT BEEN COMPLETED. WE ANTICIPATE ALL EMPLOYEES TO BE COMPLETED WITHIN 60 DAYS.

6. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

7. DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

August 25, 2004



STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)

NEW YORK CITY DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE

2b. TELEPHONE NUMBER

GALILEO ORLANDO
 DIRECTOR, TECHNICAL SERVICES, RR&M

(212) 907-8430

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)

448 HAMILTON AVE.,
 BROOKLYN, NY, 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)

29 CFR 1910.134 (a)(2) - PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

A WRITTEN RESPIRATORY PROTECTION PROGRAM HAS BEEN ESTABLISHED. ANNUAL FIT TESTING & TRAINING COMPONENTS, FOR ALL EMPLOYEES, HAS NOT BEEN COMPLETED. WE ANTICIPATE ALL EMPLOYEES TO BE COMPLETED WITHIN 60 DAYS.

4. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

August 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

AREAS WILL NOT BE ENTERED FOR MAINTAINENCE PURPOSES UNTIL VIOLATIONS ARE ABATED.

PLEASE SEE ATTACHED MEMOS TO PLANT EMPLOYEES AND TO PESH.

8a. A COPY OF THIS PETITION WAS POSTED ON 06/25/09 IN A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF. (DATE)

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE

John Orlando

PETITIONER'S REPRESENTATIVE

06-25-09

DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH. RETAIN ONE COPY FOR YOUR FILES.

ALBANY 12240
Gov. W. Averell Harriman
State Office Building Campus
(518) 457-5508

BINGHAMTON 13901
44 Hawley Street
(607) 721-8211

BUFFALO 14202
65 Court Street
(716) 847-7134

HEMPSTEAD 11550
175 Fulton Avenue
(516) 485-4408

ROCHESTER 14607
107 S. Union Street
(716) 258-4570

NEW YORK CITY
P.O. Box 693
New York, NY 10014-0703
(212) 352-6116

SYRACUSE 13202
450 South Salina Street
(315) 479-3212

UTICA 13501
207 Genesee Street
(315) 793-2316

WHITE PLAINS 10603
30 Glenn Street
(914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right -To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos.

On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted. The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below $0.07\text{mg}/\text{m}^3$ and the laboratory result for the motor crater operator was below $0.08\text{mg}/\text{m}^3$. These levels are well below OSHA Permissible exposure limit (PEL) of $5\text{mg}/\text{m}^3$. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
- 12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 *et seq* and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.

Informal Conference - A request for an informal conference must be made to the nearest PESH district office by telephone or letter, within 20 working days from the date of issuance given on this Notice.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in black ink that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: PESH Bureau
FROM: Thomas Siano *D.S. for*
Director of Asphalt Operations
DATE: June 23, 2004
RE: Confined Space Restrictions at Hamilton Plant

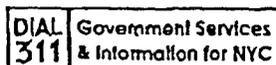
Please be advised that all Hamilton Avenue Asphalt Plant employees are restricted from making any confined space entries at the plant until approval is obtained from the DOT Occupational Safety and Health Office. The DOT Occupational Safety and Health Office will not issue approval until the PESH Bureau is first consulted and all identified programs (Confined Space, Respiratory Protection, PPE, etc.) are in place and fully compliant with applicable OSHA standards.

Furthermore, in the event a malfunction at the plant requires a confined space entry to take place (prior to achieving full compliance with citations) to effect repairs, DOT employees will still not be permitted to make entry. Instead, an emergency contract will be sought to effect the repairs. Contract language will be included that will require the vendor to comply with all the applicable OSHA standards that have been cited. In the interim, asphalt will be purchased from vendors under DOT's existing contracts.

If you have any questions on this matter, I am available to discuss them with you.

cc: A/C G. Orlando, J. Massey, Hamilton Ave. Asphalt Plant Employees

pesh





**New York City
Department of Transportation**

40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

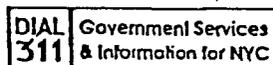
TO: Hamilton Personnel
FROM: Thomas Siano
Director of Asphalt Operations
DATE: June 22, 2004
RE: Confined Space Regulations at Hamilton Plant

All Hamilton personnel attended the confined space training session held at the Con Edison Learning Center on Saturday May 22, 2004. Even though you received certificates for attending this class, it remains that no DOT personnel here at Hamilton are permitted to enter any of the confined space locations on site until approval is given by DOT's Office of Safety and Health. I will post this approval after I receive it.

If you have any questions on this matter, I am available to discuss them with you.

cc: G. Orlando, A. Bordenca, D. Sterman

othermcm4/21





STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)

NEW YORK CITY DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE

2b. TELEPHONE NUMBER

GALILEO ORLANDO
 DIRECTOR, TECHNICAL SERVICES, RR&M

(212) 987-8430

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)

448 HAMILTON AVE.,
 BROOKLYN, NY, 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)

29 CFR 1910.132-(d)(2) PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

A WRITTEN HAZARD ASSESSEMENT CERTIFICATION NOT FULLY COMPLETED. WE AWAIT RECEIPT & TRAINING OF MORE SOPHISTICATED MULTI-GAS ANALYZER TO FULLY CHARACTERIZE HAZARDS.
 WE ANTICIPATE COMPLETION WITHIN 60 DAYS.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets If Necessary)

AUGUST 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

MAINTAINENCE OPERATIONS REFERENCED TO BE SUSPENDED UNTIL VIOLATION IS ABATED.

PLEASE SEE ATTACHED MEMOS TO PLANT EMPLOYEES & PESH.

8a. A COPY OF THIS PETITION WAS POSTED ON 06/25/04 IN A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF. (DATE)

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

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9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE John Orlando PETITIONER'S REPRESENTATIVE

06-25-04 DATE

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RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH. RETAIN ONE COPY FOR YOUR FILES.

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ROCHESTER 14607 107 S. Union Street (716) 258-4570

NEW YORK CITY P.O. Box 583 New York, NY 10014-0705 (212) 352-6115

SYRACUSE 13202 450 South Salina Street (315) 479-3212

UTICA 13501 207 Genesee Street (315) 793-2316

WHITE PLAINS 10603 30 Glenn Street (914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650		2. PAGE 1 OF 3	
3. INVESTIGATION (Type and Number) COMPLAINT <u>902690130</u> <input type="checkbox"/> ACCIDENT <input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)	4. ESTABLISHMENT NAME AND SITE ADDRESS NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238		
	5. DATE OF INVESTIGATION 07/2/03-8/6/03	6. INSPECTION NUMBER 303421549	

Purpose and Scope:

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8. ORDERS ISSUED x YES NO	9. SIGNATURE OF HYGIENIST <i>Charles Nwosa</i>	10. DATE 1/5/04
------------------------------	---	--------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

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Handouts

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Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 *et seq* and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.

Informal Conference - A request for an informal conference must be made to the nearest PESH district office by telephone or letter, within 20 working days from the date of issuance given on this Notice.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)

(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

New York State Department of Labor
Public Employee Safety and Health Bureau

Inspection Number: 303421549
Inspection Dates: 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



**New York City
Department of Transportation**

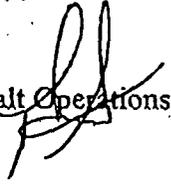
40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: Hamilton Personnel

FROM: Thomas Siano
Director of Asphalt Operations 

DATE: June 22, 2004

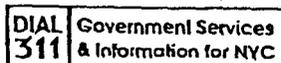
RE: Confined Space Regulations at Hamilton Plant

All Hamilton personnel attended the confined space training session held at the Con Edison Learning Center on Saturday May 22, 2004. Even though you received certificates for attending this class, it remains that no DOT personnel here at Hamilton are permitted to enter any of the confined space locations on site until approval is given by DOT's Office of Safety and Health. I will post this approval after I receive it.

If you have any questions on this matter, I am available to discuss them with you.

cc: G. Orlando, A. Bordenca, D. Steman

othcmcm4/21





Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: PESH Bureau
FROM: Thomas Siano *D.S. for*
Director of Asphalt Operations
DATE: June 23, 2004
RE: Confined Space Restrictions at Hamilton Plant

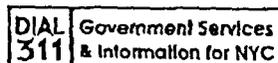
Please be advised that all Hamilton Avenue Asphalt Plant employees are restricted from making any confined space entries at the plant until approval is obtained from the DOT Occupational Safety and Health Office. The DOT Occupational Safety and Health Office will not issue approval until the PESH Bureau is first consulted and all identified programs (Confined Space, Respiratory Protection, PPE, etc.) are in place and fully compliant with applicable OSHA standards.

Furthermore, in the event a malfunction at the plant requires a confined space entry to take place (prior to achieving full compliance with citations) to effect repairs, DOT employees will still not be permitted to make entry. Instead, an emergency contract will be sought to effect the repairs. Contract language will be included that will require the vendor to comply with all the applicable OSHA standards that have been cited. In the interim, asphalt will be purchased from vendors under DOT's existing contracts.

If you have any questions on this matter, I am available to discuss them with you.

cc: A/C G. Orlando, J. Massey, Hamilton Ave. Asphalt Plant Employees

pesh





STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)

NEW YORK CITY DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE

GALILEO ORLANDO
 DIRECTOR, TECHNICAL SERVICES, RR&M

2b. TELEPHONE NUMBER

(212) 407-8430

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)

448 HAMILTON AVE.,
 BROOKLYN, NY 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)

29 CFR 1910.132-(d)(1) PLEASE SEE ATTACHED

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

A WRITTEN PERSONNEL PROTECTION PROGRAM HAS BEEN COMPLETED. PROGRAM WILL NOT BE FULLY IMPLEMENTED UNTIL TRAINING ON EQUIPMENT IS COMPLETED. WE ANTICIPATE ALL EMPLOYEES TO BE TRAINED WITHIN 60 DAYS.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

AUGUST 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

MAINTENANCE OPERATIONS REFERENCED WILL BE SUSPENDED UNTIL VIOLATION IS ABATED.

PLEASE SEE ATTACHED MEMOS TO PLANT EMPLOYEES & PESH.

8a. A COPY OF THIS PETITION WAS POSTED ON 06/25/04 IN A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF.

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE

John Orlando

PETITIONER'S REPRESENTATIVE

06-25-04

DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH. RETAIN ONE COPY FOR YOUR FILES.

ALBANY 12240
Gov. W. Averell Harriman
State Office Building Campus
(518) 457-5508

BINGHAMTON 13901
44 Hawley Street
(607) 721-8211

BUFFALO 14202
65 Court Street
(716) 847-7134

HEMPSTEAD 11550
175 Fulton Avenue
(516) 485-4408

ROCHESTER 14507
103 S. Union Street
(716) 250-4570

NEW YORK CITY
P.O. Box 583
New York, NY 10014-0705
(212) 352-6115

SYRACUSE 13202
450 South Salina Street
(315) 479-3212

UTICA 13501
207 Genesee Street
(315) 793-2316

WHITE PLAINS 10603
30 Glenn Street
(914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right -To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos. On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below $0.07\text{mg}/\text{m}^3$ and the laboratory result for the motor crane operator was below $0.08\text{mg}/\text{m}^3$. These levels are well below OSHA Permissible exposure limit (PEL) of $5\text{mg}/\text{m}^3$. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
- 12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

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Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

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Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: Serious

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: Serious

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)
(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

New York State Department of Labor
Public Employee Safety and Health Bureau

Inspection Number: 303421549
Inspection Dates: 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in black ink that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

New York Department of Transportation

Hamilton Avenue Asphalt Plant

Written Personal Protection Program for Hamilton Ave Asphalt Plant

Page 1 of 5

NYC DOT has determined that employees performing work at The Hamilton Avenue Asphalt Plant may be exposed to hazards during specialized maintenance operations. These hazards include

- flying or falling objects
- electrical shock and electrical burns
- other burns, cuts, and scrapes
- flying particles (e.g. grinding, sawing, drilling)
- hazardous or injurious substances
- Projections
- injurious light rays (e.g. welding lasers)
- hot surfaces, crushing or penetrating actions, wet locations
- work over water

The purpose of this program is to ensure that all employees are protected from exposure to these hazards.

GENERAL

- Personal protective equipment (PPE) is used only to supplement other safety measures when these measures are insufficient or during the time while these measures are being put in place.
- If it is necessary, personal protective equipment (PPE) is provided by the Department and worn by workers. The types used are appropriate for the work and give adequate protection.
- Workers are to use only approved PPE in accordance with the manufacturer's instructions.
- Any employee-owned PPE shall comply with the same requirements as Department-owned PPE.
- PPE is to be maintained in safe and sanitary condition.
- PPE is to be reasonably comfortable and isn't unnecessarily awkward.

HAZARD IDENTIFICATION

- The Department has identified hazards on the site requiring the use of personal protective equipment, as well as regular inspections, accident investigation, and correction of hazardous conditions.
- All hazards requiring personal protective equipment have been identified

HEAD PROTECTION

- Hardhat areas are posted, and employees are required to wear protective headwear in those areas.
- Helmet suspensions and liners shall be in good condition.
- Employees shall confine their hair where there's a risk of injury from entanglement in moving parts, or a risk of contamination by combustible or toxic substances.
- Employees are protected from falling objects by guardrails, toe boards, and other safety equipment and practices.

EYE AND FACE PROTECTION

- Workers who are at risk of eye injury due to flying particles, hazardous substances, or projections are to be provided and are to use suitable eye and/or face protection.

New York Department of Transportation

Hamilton Avenue Asphalt Plant

Written Personal Protection Program

Page 2 of 5

- Impact resistant safety glasses with side shields, or impact resistant goggles, are to be used for chipping, grinding, sawing, drilling, and other operations where there is a danger of flying fragments, chips, or other particles.
- Only splash resistant goggles are to be used when working with hazardous liquid chemicals. (Splash resistant goggles are either unventilated, or have indirect ventilation.)
- Employees performing welding activities shall use welding goggles with filter lenses or plates to screen out harmful light and ultraviolet rays. Goggles used are to be appropriate for the specific type of welding.
- Employees who use vision correcting glasses and need job site eye protection are provided with either: (a) safety glasses with suitable corrective lenses; (b) goggles with suitable corrective lenses; or (c) goggles to fit over the employee's own glasses.
- Contact lenses are not to be used on the site unless medically approved precautionary measures are taken.

HAND PROTECTION

- When work involves potential risk of cuts, burns, harmful physical or chemical agents, workers are to be provided and are to use appropriate hand protection. (Exception: Not required if gloves might become caught in moving parts or machinery).
- Employees shall wear impermeable gloves of the correct type to prevent skin contact with hazardous substances, and replace used gloves as required. To determine the appropriate glove for the substance, the MSDS for the product or the glove supplier or manufacturer shall be consulted.)
- Gloves used with vibrating power tools (jackhammers, chain saws, etc.) shall have vibration-damping material in palms and fingers. They shall fit properly and should not increase the grip force required to control the tool.
- Welders are to use non-flammable gloves with gauntlets.
- Employees are to use insulated rubber gloves for live high voltage electrical work. Rubber gloves are protected by outer canvas or leather gloves. Gloves are not to be used to replace other required safety measures.

FOOT PROTECTION

- Workers exposed to potential foot injuries from crushing or penetrating actions, hot surfaces, falling objects, or hazardous substances, or who are required to work in abnormally wet locations, are to be provided and shall use appropriate foot protection such as steel-toed safety shoes and/or boots.
- Protective footwear used on the site shall comply with the requirements of American National Standards Institute (ANSI) standard Z 41.1 1967, Safety-Toe Footwear.
- Workers using jackhammers shall wear a steel covering over the whole foot, not just the toes.
- Rubber boots are to be worn when working with concrete or in water.

BODY PROTECTION

- When necessary, employees are to be provided and shall use appropriate body protection.
- Employees shall wear clothing appropriate for the work being done. For example, loose clothing isn't worn around machinery in which it might become entangled.
- Employees working with regulated materials shall wear protective clothing as required by the specific applicable standards.
- Welders shall wear leather aprons, and shirts with long sleeves and collars, as well as required head, face, eye, hand, foot, and respiratory protection.
- Workers shall wear appropriate reflective warning garments (shirts, vests, jackets) when they work on foot near vehicular traffic hazards. In rainy weather, they shall wear reflective rain gear.
- During hours of darkness, they shall wear appropriate reflectorized clothing.

**New York Department of Transportation
Hamilton Avenue Asphalt Plant
Written Personal Protection Program**

Page 3 of 5

LIFE PRESERVERS

- Employees working over or near water who are not continuously protected by railings, nets, or safety belts are to be provided and use U.S. Coast Guard approved personal flotation devices.

CLEANUP

- Employees are to be instructed to wash promptly and thoroughly after exposure to injurious substances, regardless of the type of protective clothing or equipment which has been used.
- Clothing which becomes saturated or impregnated with flammable liquids, corrosive substances, irritants, oxidizing agents, or other hazardous chemicals is to be promptly removed and not worn until cleaned.

New York Department of Transportation

Hamilton Avenue Asphalt Plant

Written Personal Protection Program for Hamilton Ave Asphalt Plant

Page 4 of 5

**Personal Protective Equipment
Checklist**

Equipment _____ Supervisor _____ Date _____

Check Performed by _____

	Y	N	NA	COMMENTS
A. Personal Protective Equipment (PPE) Program				
1. Hazard Assessment complete and documented				
2. PPE selection based upon Hazard Assessment				
3. Review of PPE complete				
4. Defective or damaged PPE not used				
5. Training complete and documented				
B. Eye and Face Protection				
1. Eye and Face Protection appropriate to the hazard used				
2. Side Protectors used where flying objects hazards are found				
3. Eye protection incorporates prescription or can be worn without disturbing proper position of prescription lenses				
4. Maintained per manufacturer's recommendations				
C. Head Protection				
1. Hard hats used where there is the potential for head injury from falling objects				
2. Maintained per manufacturer's recommendations				

**New York Department of Transportation
 Hamilton Avenue Asphalt Plant
 Written Personal Protection Program**

D. Foot Protection				
1. Appropriate for protection from falling or rolling objects				
2. Appropriate for protection from objects piercing the sole				
3. Appropriate for protection from exposed electrical conductors				
4. Maintained per manufacturer's recommendations				
E. Hand Protection				
1. Hand protection appropriate to the hazard				
2. Maintained per manufacturer's recommendations				
F. Other Related Issues				
1. Appropriate PPE available for hot work (e.g., cutting, welding, brazing)				
2. Clothing and shoes worn appropriate for tasks being performed				
3. Reflective vests used when working near Truck right of ways				
4. Barricades used where appropriate				



Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: PESH Bureau
FROM: Thomas Siano *D.S. for*
Director of Asphalt Operations
DATE: June 23, 2004
RE: Confined Space Restrictions at Hamilton Plant

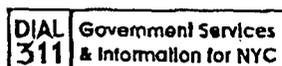
Please be advised that all Hamilton Avenue Asphalt Plant employees are restricted from making any confined space entries at the plant until approval is obtained from the DOT Occupational Safety and Health Office. The DOT Occupational Safety and Health Office will not issue approval until the PESH Bureau is first consulted and all identified programs (Confined Space, Respiratory Protection, PPE, etc.) are in place and fully compliant with applicable OSHA standards.

Furthermore, in the event a malfunction at the plant requires a confined space entry to take place (prior to achieving full compliance with citations) to effect repairs, DOT employees will still not be permitted to make entry. Instead, an emergency contract will be sought to effect the repairs. Contract language will be included that will require the vendor to comply with all the applicable OSHA standards that have been cited. In the interim, asphalt will be purchased from vendors under DOT's existing contracts.

If you have any questions on this matter, I am available to discuss them with you.

cc: A/C G. Orlando, J. Massey, Hamilton Ave. Asphalt Plant Employees

pesh



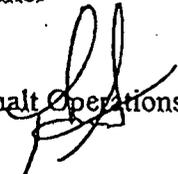


Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: Hamilton Personnel

FROM: Thomas Siano
Director of Asphalt Operations 

DATE: June 22, 2004

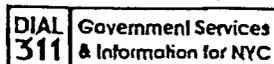
RE: Confined Space Regulations at Hamilton Plant

All Hamilton personnel attended the confined space training session held at the Con Edison Learning Center on Saturday May 22, 2004. Even though you received certificates for attending this class, it remains that no DOT personnel here at Hamilton are permitted to enter any of the confined space locations on site until approval is given by DOT's Office of Safety and Health. I will post this approval after I receive it.

If you have any questions on this matter, I am available to discuss them with you.

cc: G. Orlando, A. Bordenca, D. Sterman

othermem4/21





STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)

NEW YORK CITY DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE

GAILEO ORLANDO
 DIRECTOR, TECHNICAL SERVICES, RR&M

2b. TELEPHONE NUMBER

(212) 907-8430

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)

448 HAMILTON AVE.,
 BROOKLYN, NY 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)

29 CFR 1910.146(c)(4) PLEASE SEE ATTACHED

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

ALTHOUGH A WRITTEN CONFINED SPACE ENTRY PROGRAM HAS BEEN ESTABLISHED, THE PROGRAM HAS YET TO BE FULLY IMPLEMENTED DUE TO COORDINATION WITH RESCUE ACTIVITIES & TRAINING OR MULTI-GAS ANALYZER. WE ANTICIPATE FULL IMPLEMENTATION WITHIN 60 DAYS.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

AUGUST 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

MAINTAINENCE OPERATIONS REFERENCED TO BE SUSPENDED UNTIL PROGRAM IS FULLY IMPLEMENTED & VIOLATION ABATED.

PLEASE SEE ATTACHED MEMOS TO PLANT EMPLOYEES & PESH.

8a. A COPY OF THIS PETITION WAS POSTED ON 06/25/09 IN A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF. (DATE)

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE Justin Orlando PETITIONER'S REPRESENTATIVE

06-25-09 DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH. RETAIN ONE COPY FOR YOUR FILES.

ALBANY 12240 Gov. W. Averell Harriman State Office Building Campus (518) 457-5508

BINGHAMTON 13901 44 Hawley Street (607) 721-8211

BUFFALO 14202 65 Court Street (716) 847-7134

HEMPSTEAD 11550 175 Fulton Avenue (516) 495-4408

ROCHESTER 14607 107 S. Union Street (716) 258-4570

NEW YORK CITY P.O. Box 693 New York, NY 10014-0705 (212) 352-6115

SYRACUSE 13202 450 South Salina Street (315) 479-3212

UTICA 13501 207 Genesee Street (315) 793-2316

WHITE PLAINS 10603 30 Glenn Street (914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right-To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos.

On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted. The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below $0.07\text{mg}/\text{m}^3$ and the laboratory result for the motor crater operator was below $0.08\text{mg}/\text{m}^3$. These levels are well below OSHA Permissible exposure limit (PEL) of $5\text{mg}/\text{m}^3$. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 et seq and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.

Informal Conference - A request for an informal conference must be made to the nearest PESH district office by telephone or letter, within 20 working days from the date of issuance given on this Notice.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)
(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

New York State Department of Labor
Public Employee Safety and Health Bureau

Inspection Number: 303421549
Inspection Dates: 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in cursive script that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: PESH Bureau
FROM: Thomas Siano *D.S. for*
Director of Asphalt Operations
DATE: June 23, 2004
RE: Confined Space Restrictions at Hamilton Plant

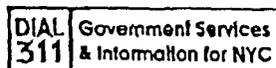
Please be advised that all Hamilton Avenue Asphalt Plant employees are restricted from making any confined space entries at the plant until approval is obtained from the DOT Occupational Safety and Health Office. The DOT Occupational Safety and Health Office will not issue approval until the PESH Bureau is first consulted and all identified programs (Confined Space, Respiratory Protection, PPE, etc.) are in place and fully compliant with applicable OSHA standards.

Furthermore, in the event a malfunction at the plant requires a confined space entry to take place (prior to achieving full compliance with citations) to effect repairs, DOT employees will still not be permitted to make entry. Instead, an emergency contract will be sought to effect the repairs. Contract language will be included that will require the vendor to comply with all the applicable OSHA standards that have been cited. In the interim, asphalt will be purchased from vendors under DOT's existing contracts.

If you have any questions on this matter, I am available to discuss them with you.

cc: A/C G. Orlando, J. Massey, Hamilton Ave. Asphalt Plant Employees

pesh





New York City
Department of Transportation

40 Worth Street
New York, New York 10013
Tel: 212/676-0868
Fax: 212/442-7007

Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: Hamilton Personnel

FROM: Thomas Siano
Director of Asphalt Operations 

DATE: June 22, 2004

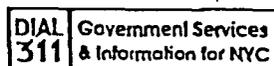
RE: Confined Space Regulations at Hamilton Plant

All Hamilton personnel attended the confined space training session held at the Con Edison Learning Center on Saturday May 22, 2004. Even though you received certificates for attending this class, it remains that no DOT personnel here at Hamilton are permitted to enter any of the confined space locations on site until approval is given by DOT's Office of Safety and Health. I will post this approval after I receive it.

If you have any questions on this matter, I am available to discuss them with you.

cc: G. Orlando, A. Bordenca, D. Sterman

othermcm4/21





STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)

NEW YORK CITY DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE

2b. TELEPHONE NUMBER

GRALIBO ORLANDO

DIRECTOR, TECHNICAL SERVICES, RR&M

(212) 987-8430

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)

448 HAMILTON AVE.
 BROOKLYN, NY, 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)

29 CFR 1910.146(G)(4) PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

REQUEST EXTENSION OF ABATEMENT DATE FOR COMPLETE IMPLEMENTATION OF CONFINED SPACE ENTRY PROGRAM. ITEMS REMAINING ARE TRAINING ON NEW MULTI-GAS ANALYZER, AND COORDINATION WITH RESCUE ACTIVITIES. WE ANTICIPATE FULL COMPLIANCE WITHIN 60 DAYS.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

AUGUST 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

EXPOSURE TO CONFINED SPACE ENTRY HAZARDS DURING MAINTENANCE ACTIVITIES OF DRUM & SILO AREAS WILL NOT BE ENCOUNTERED DUE TO SUSPENSION OF THESE OPERATIONS UNTIL VIOLATIONS ARE ABATED.

PLEASE SEE ATTACHED MEMO TO PLANT EMPLOYEES & PESH.

8a. A COPY OF THIS PETITION WAS POSTED ON 06/25/09 IN A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF.
(DATE)

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE

John Orlando

PETITIONER'S REPRESENTATIVE

06-25-09

DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH.
RETAIN ONE COPY FOR YOUR FILES.

ALBANY 12240
Gov. W. Averell Harriman
State Office Building Campus
(518) 457-5508

BINGHAMTON 13901
44 Hawley Street
(607) 721-8211

BUFFALO 14202
65 Court Street
(716) 847-7134

HEMPSTEAD 11550
175 Fulton Avenue
(516) 485-4408

ROCHESTER 14607
107 S. Union Street
(716) 258-4570

NEW YORK CITY
P.O. Box 683
New York, NY 10014-0705
(212) 352-6115

SYRACUSE 13202
450 South Salina Street
(315) 479-3212

UTICA 13501
207 Genesee Street
(315) 793-2316

WHITE PLAINS 10603
30 Glenn Street
(914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right-To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos.

On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below $0.07\text{mg}/\text{m}^3$ and the laboratory result for the motor crater operator was below $0.08\text{mg}/\text{m}^3$. These levels are well below OSHA Permissible exposure limit (PEL) of $5\text{mg}/\text{m}^3$. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
- 12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 *et seq* and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.

Informal Conference - A request for an informal conference must be made to the nearest PESH district office by telephone or letter, within 20 working days from the date of issuance given on this Notice.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)

(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in cursive script that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



MEMORANDUM

TO: PESH Bureau
FROM: Thomas Siano *D.S. for*
Director of Asphalt Operations
DATE: June 23, 2004
RE: Confined Space Restrictions at Hamilton Plant

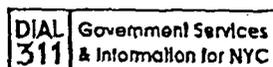
Please be advised that all Hamilton Avenue Asphalt Plant employees are restricted from making any confined space entries at the plant until approval is obtained from the DOT Occupational Safety and Health Office. The DOT Occupational Safety and Health Office will not issue approval until the PESH Bureau is first consulted and all identified programs (Confined Space, Respiratory Protection, PPE, etc.) are in place and fully compliant with applicable OSHA standards.

Furthermore, in the event a malfunction at the plant requires a confined space entry to take place (prior to achieving full compliance with citations) to effect repairs, DOT employees will still not be permitted to make entry. Instead, an emergency contract will be sought to effect the repairs. Contract language will be included that will require the vendor to comply with all the applicable OSHA standards that have been cited. In the interim, asphalt will be purchased from vendors under DOT's existing contracts.

If you have any questions on this matter, I am available to discuss them with you.

cc: A/C G. Orlando, J. Massey, Hamilton Ave. Asphalt Plant Employees

pcsh





Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

MEMORANDUM

TO: Hamilton Personnel

FROM: Thomas Siano
Director of Asphalt Operations 

DATE: June 22, 2004

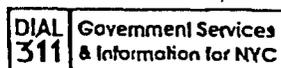
RE: Confined Space Regulations at Hamilton Plant

All Hamilton personnel attended the confined space training session held at the Con Edison Learning Center on Saturday May 22, 2004. Even though you received certificates for attending this class, it remains that no DOT personnel here at Hamilton are permitted to enter any of the confined space locations on site until approval is given by DOT's Office of Safety and Health. I will post this approval after I receive it.

If you have any questions on this matter, I am available to discuss them with you.

cc: G. Orlando, A. Bordenca, D. Sterman

othermem4/21





STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)
 New York City DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE Galileo ORLANDO DIRECTOR TECHNICAL SERVICES RR&M	2b. TELEPHONE NUMBER (212) 407-8430
--	--

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)
 448 Hamilton Ave.
 BROOKLYN, NY 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)
 29 CFR 1910.146(g)(4) PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)
 EXTENSION OF ABATEMENT DATE IS REQUESTED FOR FURTHER TRAINING DRIVEN FROM CONFINED SPACE ENTRY PROGRAM ESTABLISHED BUT NOT YET FINALIZED, THEREFORE NOT FULLY IMPLEMENTED.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

June 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

EXPOSURE TO CONFINED SPACE ENTRY HAZARDS DURING MAINTENANCE ACTIVITIES OF DRUM & SILO AREAS WILL BE ENCOUNTERED DUE TO SUSPENSION OF THESE OPERATIONS UNTIL TRAINING PROGRAM FULLY IMPLEMENTED & VIOLATIONS ABATED.

8a. A COPY OF THIS PETITION WAS POSTED ON 3/26/04 A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF.
(DATE)

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

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9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE

John Labore
PETITIONER'S REPRESENTATIVE

03-25-04
DATE

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RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH.
RETAIN ONE COPY FOR YOUR FILES

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UTICA 13501
207 Genesee Street
(315) 793-2315

WHITE PLAINS 10603
30 Glenn Street
(914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

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<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos.

On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted. The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below 0.07mg/m³ and the laboratory result for the motor crater operator was below 0.08mg/m³. These levels are well below OSHA Permissible exposure limit (PEL) of 5 mg/m³. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
- 12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 et seq and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. **Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.**

Informal Conference - A request for an informal conference must be made to the nearest PESH district office by telephone or letter, within 20 working days from the date of issuance given on this Notice.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)
(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in cursive script that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)
 New York City DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE Galileo ORLANDO DIRECTOR TECHNICAL SERVICES, RR&M	2b. TELEPHONE NUMBER (212) 407-0430
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3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)
 448 Hamilton Ave.
 Brooklyn, NY 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)
 29 CFR 1910.146(c)(4) PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

ALTHOUGH WRITTEN CONFINED SPACE ENTRY PROGRAM HAS BEEN DRAFTED, THE PROGRAM HAS YET TO BE FULLY IMPLEMENTED DUE TO TRAINING, COORDINATION WITH RESCUE ACTIVITIES & EQUIPMENT PURCHASES.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

June 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

MAINTENANCE OPERATIONS REFERENCED TO BE SUSPENDED UNTIL PROGRAM IS FULLY IMPLEMENTED & VIOLATIONS ABATED.

DRAFT OF WRITTEN CONFIRMED SPACE ENTRY PROGRAM IS ATTACHED.

8a. A COPY OF THIS PETITION WAS POSTED ON 3/26/04 (DATE) A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF.

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 801.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE [Signature]
PETITIONER'S REPRESENTATIVE

03-25-04
DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH. RETAIN ONE COPY FOR YOUR FILES

ALBANY 12240
Gov. W. Averell Harriman
State Office Building Campus
(518) 457-5508

BINGHAMTON 13901
44 Hawley Street
(607) 721-8211

BUFFALO 14202
65 Court Street
(716) 847-7134

HEMPSTEAD 11550
175 Fulton Avenue
(516) 465-4408

ROCHESTER 14607
107 S. Union Street
(716) 258-4570

NEW YORK CITY
P.O. Box 683
New York, NY 10014-0703
(212) 352-6115

SYRACUSE 13202
450 South Salina Street
(315) 479-3212

UTICA 13501
207 Genesee Street
(315) 793-2316

WHITE PLAINS 10603
30 Glenn Street
(914) 937-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right -To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos. On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted. The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below $0.07\text{mg}/\text{m}^3$ and the laboratory result for the motor crater operator was below $0.08\text{mg}/\text{m}^3$. These levels are well below OSHA Permissible exposure limit (PEL) of $5\text{mg}/\text{m}^3$. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
- 12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 et seq and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. **Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.**

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Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)
(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in cursive script that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)
 New York City Department of Transportation

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE Galileo Orlando DIRECTOR TECHNICAL SERVICES RR&M	2b. TELEPHONE NUMBER (212) 407-8430
--	--

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)
 448 Hamilton Ave.
 Brooklyn, NY 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)
 29 CFR 1910.132-(d)(2) PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)

WRITTEN HAZARD ASSESSEMENT CERTIFICATION PROGRAM NOT FULLY ESTABLISHED. WE AWAIT FINALIZING PROCEDURES & RECEIPT OF MORE SOPHISTICATED TESTING EQUIPMENT (GAS ANALYZER & SOUND METER) TO FULLY CHARACTERIZE HAZARDS.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

June 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED.

MAINTENANCE OPERATIONS REFERENCED TO BE SUSPENDED UNTIL HAZARDS FULLY CHARACTERIZED AND ASSESSED, CERTIFIED AND VIOLATIONS ABATED.

8a. A COPY OF THIS PETITION WAS POSTED ON 3/26/04 A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF.

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE [Handwritten Signature] PETITIONER'S REPRESENTATIVE

03-25-04 DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH. RETAIN ONE COPY FOR YOUR FILES

ALBANY 12240 Gov. W. Averell Harriman State Office Building Campus (518) 457-5508

BINGHAMTON 13901 44 Hawley Street (607) 721-8211

BUFFALO 14202 65 Court Street (716) 847-7134

HEMPSTEAD 11550 175 Fulton Avenue (516) 455-4408

ROCHESTER 14607 107 S. Union Street (716) 258-4570

NEW YORK CITY P.O. Box 683 New York, NY 10014-0705 (212) 352-6115

SYRACUSE 13202 450 South Salina Street (315) 479-3212

UTICA 13501 207 Genesee Street (315) 793-2316

WHITE PLAINS 10603 30 Glenn Street (914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right -To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos. On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below $0.07\text{mg}/\text{m}^3$ and the laboratory result for the motor crater operator was below $0.08\text{mg}/\text{m}^3$. These levels are well below OSHA Permissible exposure limit (PEL) of $5\text{mg}/\text{m}^3$. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
- 12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor

Public Employee Safety and Health Bureau

345 Hudson St., Rm 7023

PO Box 683

New York, NY 10014-0683

Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 *et seq* and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.

Informal Conference - A request for an informal conference must be made to the nearest PESH district office by telephone or letter, within 20 working days from the date of issuance given on this Notice.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

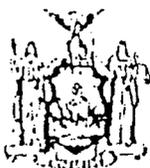
"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



STATE OF NEW YORK - DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH
 Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)
 New York City Department of Transportation

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE Galileo Orlando DIRECTOR TECHNICAL SERVICES, TR&M	2b. TELEPHONE NUMBER (212) 407-0430
---	--

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)
 448 Hamilton Ave.
 Brooklyn, NY 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)
 29 CFR 1910.132 (d)(1) PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)
 Although written personnel protection program has been drafted, program cannot be fully implemented until all equipment & referenced material is available.

1. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)
 June 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

MAINTENANCE OPERATIONS REFERENCED WILL BE SUSPENDED UNTIL PROGRAM FULLY IMPLEMENTED AND VIOLATIONS ABATED.

DRAFT WRITTEN PERSONAL PROTECTION PROGRAM IS ATTACHED.

8a. A COPY OF THIS PETITION WAS POSTED ON 3/26/04 A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF. (DATE)

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE

John Orlando
PETITIONER'S REPRESENTATIVE

03-25-04
DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH. RETAIN ONE COPY FOR YOUR FILES

ALBANY 12240
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State Office Building Campus
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BINGHAMTON 13901
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450 South Salina Street
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UTICA 13501
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(315) 793-2315

WHITE PLAINS 10603
30 Glenn Street
(914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right -To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos. On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below $0.07\text{mg}/\text{m}^3$ and the laboratory result for the motor crater operator was below $0.08\text{mg}/\text{m}^3$. These levels are well below OSHA Permissible exposure limit (PEL) of $5\text{mg}/\text{m}^3$. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
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New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 et seq and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.

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Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)
(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

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Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

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Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in cursive script that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

New York State Department of Labor
Public Employee Safety and Health Bureau

Inspection Number: 303421549
Inspection Dates: 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

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David S. Cain
Supervising Safety & Health Inspector

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cc: Tom Siano



STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
Public Employee Safety and Health Bureau

PMA LOG NO.
INSPECTION NO.
APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> (If Approved Enter New Abatement Date)
DECISION DATE:
SIGNATURE:
ABOVE SPACE FOR OFFICE USE ONLY

PETITION FOR MODIFICATION OF ABATEMENT DATE

1. NAME AND ADDRESS OF PETITIONER (e.g., Town of Guilderland, Department of Motor Vehicles, etc.)
New York City DEPARTMENT OF TRANSPORTATION

2a. NAME OF PETITIONER'S REPRESENTATIVE AND TITLE Galileo Orlando DIRECTOR TECHNICAL SERVICES RR&M	2b. TELEPHONE NUMBER (212) 407-0430
--	--

3. LOCATION (ADDRESS) OF PLACE CITED FOR VIOLATION (INCLUDE BUILDING NAME AND ROOM NO., IF APPLICABLE)
448 Hamilton Ave.
Brooklyn, NY 11238

STANDARD, REGULATION OR SECTION OF THE ACT VIOLATED (From Notice of Violation and Order to Comply) FOR WHICH PETITIONER SEEKS MODIFICATION OF ABATEMENT DATE (ATTACH A COPY OF THE PAGE(S) OF THE NOTICE OF VIOLATION AND ORDER TO COMPLY WHICH PERTAIN TO YOUR VARIANCE REQUEST)
29 CFR 1910.134(a)(2) - PLEASE SEE ATTACHED.

PROVIDE DETAILED EXPLANATION FOR INABILITY TO COMPLY WITH THE NOTICE OF VIOLATION BY ABATEMENT DATE (Use Separate Sheets if Necessary)
ALTHOUGH A WRITTEN RESPIRATORY PROTECTION PROGRAM HAS BEEN DRAFTED, TESTING & TRAINING COMPONENTS HAVE NOT BEEN FULLY IMPLEMENTED. WE AWAIT A REPLACEMENT CONTRACT FOR MEDICAL EVALUATIONS & FIT TESTING REQUIREMENTS TO BE MADE AVAILABLE WITHIN 90 DAYS.

4. PROVIDE STATEMENT(S) BY QUALIFIED INDIVIDUALS WHO HAVE FIRST HAND KNOWLEDGE OF THE FACTS, EXPLAINING THE REASONS FOR INABILITY TO COMPLY WITH THE ABATEMENT DATE. (USE SEPARATE SHEETS OF PAPER). ATTACH ANY SUPPORTING DOCUMENTATION SUCH AS A LETTER FROM A CONTRACTOR, ETC. GIVE THE NAME AND TITLE OF THE PERSON(S) MAKING THE STATEMENT.

DATE WHEN YOU EXPECT TO BE ABLE TO COMPLY WITH ABATEMENT DATE AND WHAT STEPS YOU HAVE TAKEN OR WILL TAKE, WITH DATES SPECIFIED, TO COME INTO COMPLIANCE WITH THE STANDARD. (Use Separate Sheets if Necessary)

June 25, 2004

7. EXPLAIN ALL INTERIM STEPS YOU HAVE TAKEN OR WILL TAKE, WITH SPECIFIC DATES, TO PROTECT EMPLOYEES AGAINST HAZARDS WHICH HAVE BEEN CREATED BY THE VIOLATION(S) CITED

AREAS will NOT be ENTERED FOR MAINTAINENCE PURPOSES UNTIL FIT TESTING & MEDICAL EVALUATIONS ARE COMPLETED, PROGRAM FULLY IMPLEMENTED AND VIOLATIONS ABATED.

DRAFT WRITTEN PROGRAM IS ATTACHED.

8a. A COPY OF THIS PETITION WAS POSTED ON 3/26/04 IN A CONSPICUOUS PLACE WHERE ALL AFFECTED EMPLOYEES WILL HAVE NOTICE THEREOF.
(DATE)

SUCH PETITION SHALL REMAIN POSTED FOR A PERIOD OF TEN (10) WORKING DAYS, IF APPROPRIATE.

8b. A COPY SHALL BE SERVED ON THE AUTHORIZED REPRESENTATIVE OF THE AFFECTED EMPLOYEES IN ACCORDANCE WITH PART 804.4 OF TITLE 12 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (12NYCRR PART 804).

PROVIDE EVIDENCE OF SERVICE UPON THE AUTHORIZED REPRESENTATIVE OF AFFECTED EMPLOYEES. IN PERSONAL SERVICE, SUPPLY THE NAME AND TITLE OF THE OFFICER SERVED. IF SERVICE IS BY CERTIFIED MAIL, ATTACH A PHOTOCOPY OF THE ENVELOPE AND RETURN RECEIPT PRIOR TO MAILING SHOWING THE NAME AND ADDRESS OF THE INDIVIDUAL BEING SERVED.

9. I CERTIFY THAT THE INFORMATION PROVIDED IN THIS PETITION IS COMPLETE AND ACCURATE.

SIGNATURE *Janis Alonzo*
PETITIONER'S REPRESENTATIVE

3-25-04
DATE

NOTE: A petition for modification of abatement date must be filed with the district office of the New York State Department of Labor which issued the notice of violation, no later than the close of the next working day following the date on which the abatement was originally required. A late petition must be accompanied by the petitioner's statement of exceptional circumstances explaining the delay.

Affected employees or their representatives have the right to file an objection to the petition in writing with the District Office. Failure to file such objection within ten (10) working days of the date of posting of this petition or of service upon an authorized representative shall constitute a waiver of any further right to object to this petition.

RETURN 3 COPIES OF THIS PETITION TO THE NEW YORK STATE DEPARTMENT OF LABOR, DIVISION OF SAFETY AND HEALTH.
RETAIN ONE COPY FOR YOUR FILES

ALBANY 12240
Gov. W. Averell Harriman
State Office Building Campus
(518) 457-5508

BINGHAMTON 13901
44 Hawley Street
(607) 721-8211

BUFFALO 14202
65 Court Street
(716) 847-7134

HEMPSTEAD 11550
175 Fulton Avenue
(516) 485-4408

ROCHESTER 14607
109 S. Union Street
(716) 258-4570

NEW YORK CITY
P.O. Box 683
New York, NY 10014-0705
(212) 352-6116

SYRACUSE 13202
450 South Salina Street
(315) 479-3212

UTICA 13501
207 Genesee Street
(315) 793-2316

WHITE PLAINS 10603
30 Glenn Street
(914) 997-9514

INVESTIGATION NARRATIVE

1. REPORTING ID: 253650

2. PAGE 1 OF 3

<p>3. INVESTIGATION (Type and Number)</p> <p>COMPLAINT <u>902690130</u></p> <p><input type="checkbox"/> ACCIDENT</p>	<p>4. ESTABLISHMENT NAME AND SITE ADDRESS</p> <p>NYC DOT ASPHALT PLANT, 448 Hamilton Avenue Brooklyn, New York 11238</p>	
<p><input checked="" type="checkbox"/> OTHER (Specify)(REFERRAL)</p>	<p>5. DATE OF INVESTIGATION</p> <p>07/2/03-8/6/03</p>	<p>6. INSPECTION NUMBER</p> <p>303421549</p>

Purpose and Scope:

In response to a written District Council (DC) 37 safety complaint, referral concern was initiated regarding employees exposure to confined space and respiratory dust hazards including respiratory protection program.

Opening Conference:

Joint opening conference was held on July 2nd 2003 with management and union representatives. Mr. Thomas Siano, Director at the Hamilton Asphalt Plant, represented management. The employees were represented by Mr. Thomas Kattou, 1st Vice-President and Mr. David Catala, Council Representative both from Local 376 of DC37. The survey was conducted by this PESH inspector Charles Nwosa. The Purpose and scope of the inspection were discussed including the requirements of the Right -To-Know law, Hazard Communication Standard and any other OSHA standards that may apply.

<p>8. ORDERS ISSUED</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>9. SIGNATURE OF HYGIENIST</p> <p><i>Charles Nwosa</i></p>	<p>10. DATE</p> <p>1/5/04</p>
--	--	-------------------------------

DOSH 914(1-90)

Facility Description:

The NYC Department of Transportation Hamilton Asphalt plant was built in the early 1970 on about three acres land. It consists of a three-story building that is connected to two automotive repair shops and a one floor small laboratory. The processing plant contains five hoppers with gravels and a conveyor belt that carries these stones into a mixer drum. The drum approximately 44 feet in length and 9 feet in diameter on a horizontal inclined is fed with liquid asphalt (blend of residual fuels, used oils and distillate oils.). The resultant asphalt-cement mixture is again carried through conveyor belt into the silos for storage and distribution. The bag house (emission system) collects dusts, waste fumes and burnt gases. The stones are brought in on a barge through the canal and cranes are used to unload them onto the ground. Front-end bulldozers are in turn used to load these stones into the hoppers. Each of the silos holds about 200 tons of the mixtures.

Survey Findings:

During the walk around of the facility, employees were interviewed and photographs of the operational areas were taken. It was indicated that the maintenance of the asphalt -cement mixture drum is conducted in the winter months. Two employees (entrants) goes inside the drum through the front entrance gate approximately two feet by three feet to chip out stuck up asphalt- cement on the inside walls of the drum. Management acknowledged the failure to develop and implement a permit- required confined space program. The written program shall provide for compliance with the applicable listed elements in the standard 29CFR 1910.146(d). Additionally, management did not have policy on training in the permit system. Management did not provide training records including its effectiveness. These are in violation of the OSHA standards 29CFR 1910.146 (c) (4) and 29 CFR 1910 .146 (g)(4). Corrective orders were issued. Interviewed employees on respirator usage including training could not be substantiated. Management also acknowledged the failure to conduct hazard assessment on the personal protective equipments issued to the assigned employees. It also did not develop and implement a written respiratory protection program with worksite -specific procedures and elements for required respirator use. These are violations of OSHA standards 29CFR1910.132(d)(1), 29CFR1910.132(d)(2) and 29CFR1910.134(a)(2). It is to be noted that confined space exposure was expressed during the unclogging of the finished product in the silos.

On the issue of alleged exposure to respiratory dust, personal air sample of the crane operator unloading the stones on the ground from the barge and another personal air sample of the motor crater operator loading the stones from the ground to the hoppers were conducted. The samples were collected in the breathing zone of the worker for approximately six hours while the workers were performing their assigned tasks. An independent laboratory accredited by the American Industrial Hygiene Association (AIHA) analyzed the samples.

SURVEY FINDINGS:

The personal sampling laboratory result for the crane operator was below 0.07mg/m³ and the laboratory result for the motor crater operator was below 0.08mg/m³. These levels are well below OSHA Permissible exposure limit (PEL) of 5 mg/m³. Therefore this item of the complaint was not sustained. The site was in compliance with the provisions of the NYS RIGHT -To - Know Law.

Handouts

The following handouts were given during the visit:

- SH-975: Hazard Communication booklet.
- DOSH 907: Employers' Rights and Responsibilities Pamphlet.
- DOSH 906: Employees' Rights and Responsibilities Pamphlet.
- DOSH 904: Closing Conference Pamphlet.
- DOSH-921: Hazard Communication Standard and "Right -to Know Law".
- DOSH-976: Hazard Communication pamphlet.
- SH 905: Consultation Assistance.
- SH 909: PESH Act.
- 12 NYCRR Part 820

Separate closing conferences were held with both management representatives Mr. Siano. Mr. John Massey, Director of Health and Safety was contacted by telephone. Mr. Thomas Kattou and Mr. David Catala both from District Council (DC) 37 were also contacted by phone of the outcome of the inspection. The results of the survey and pertinent standards were discussed. Provisions and regulations such as an informal conference (IC), Petition for modification of abatement (PMA) dates, the Industrial Board of Appeals (IBA), and the Hazard Abatement Board (HAB) were also discussed. The consultation program, the penalty system, and the requirements to post citations in the workplace were also discussed. Both management and employee representatives were informed that a written report would be forthcoming.

New York State Department of Labor
Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



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Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

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Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
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- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
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Date By Which Violation Must be Abated: 03/26/2004

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Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

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Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

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Date By Which Violation Must be Abated: 03/26/2004

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The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

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"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

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Citation and Notification of Penalty

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Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

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(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

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David S. Cain
Supervising Safety & Health Inspector

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

N.Y.S. / D.E.C.



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2002
09/15/04 WED 13:26 FAX
DOT P HAM 00000913



PBS Number
2-258113

New York State Department of Environmental Conservation
PETROLEUM BULK STORAGE CERTIFICATE
625 Broadway, 11th Floor, Albany, NY 12233-7020 Phone: 518-402-9553

Region 2 NYSDEC - PBS Unit
One Hunters Point Plaza, 1st Floor
47-40 21st Street, L.I. City, NY 11101-6454
(718) 482-6454

TANK NUMBER	TANK LOCATION	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE
001	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	160 275	HOT OIL?	(EXPANSION TANK) *
002	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275	USED FOR SOAP UNDER	* DRAG
003	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	10,000	15,000	* AC STORAGE
004	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	20,000	15,000	* AC STORAGE
005	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	30,000		* AC STORAGE
006	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	10,000		* DIESEL NOT USED
007	Underground, vaulted, with access	01/01/1997	Fiberglass Reinforced Plastic (FRP)	2,500		* DIESEL
008	Underground, vaulted, with access	01/01/1997	Fiberglass Reinforced Plastic (FRP)	2,500		* DIESEL
009	Underground, vaulted, with access	01/01/1997	Fiberglass Reinforced Plastic (FRP)	1,000		* GASOLINE NOT USED
010	Underground		Steel/Carbon Steel/Iron	600		* WASTE OIL FRONT OF
011	Underground		Steel/Carbon Steel/Iron	600		* Bay # 5
012	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		* MOTOR OIL
013	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		* HYDRAULIC
014	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		* TRANS IN Bay # 5

* Aboveground tanks require monthly visual inspections and may need documented internal inspections as described in 6 NYCRR Part 613

OWNER:
N.Y.C. D.O.T.
40 WORTH ST
NEW YORK, NY 10017

SITE:
HAMILTON AVENUE YARD
448 HAMILTON AVE
448 HAMILTON AVE
BROOKLYN, NY 11232

OPERATOR: FACILITY MANAGER
(718) 788-2829
EMERGENCY CONTACT: DOT-CONTROL RM
(212) 442-7090

MAILING CORRESPONDENCE:
VIVIAN MARCOVICI
N.Y.C. D.O.T. FACIL. MAINTENANCE
69-46 SYBILLA STREET
FOREST HILLS, NY 11375

ISSUED BY: Commissioner Erin M. Crotty
PBS NUMBER: 2-258113
DATE ISSUED: 09/13/2002
EXPIRATION DATE: 08/17/2007
FEE PAID: \$250.00

As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 360-14 (used oil tanks only), not just those cited below:

- The facility must be re-registered if there is a transfer of ownership.
- The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.
- The facility must be operated in accordance with the code for storing petroleum, 6NYCRR Part 613.
- Any new facility or substantially modified facility must comply with 6NYCRR Part 614.
- This certificate must be signed and posted on the premises at all times. Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.
- Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).

Signature of Representative/ Owner Date

Name and Title of Authorized Representative/Owner (Please Print)

03082010_Govanus_DOT_HAM Pr
 200
 09/15/04 WED 13:26 FAX
 DOT P HAM 00000914



PBS Number
 2-258113

New York State Department of Environmental Conservation
PETROLEUM BULK STORAGE CERTIFICATE
 625 Broadway, 11th Floor, Albany, NY 12233-7020 Phone: 518-402-9553

Region 2 NYSDEC - PBS Unit
 One Hunters Point Plaza, 1st Floor
 47-40 21st Street, L.I. City, NY 11101-6454
 (718) 482-6454

TANK NUMBER	TANK LOCATION	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE
001	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		*
002	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		*
003	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	15,000		*
004	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	15,000		*
005	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	30,000		*
006	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	10,000		*
007	Underground, vaulted, with access	01/01/1997	Fiberglass Reinforced Plastic (FRP)	2,500		*
008	Underground, vaulted, with access	01/01/1997	Fiberglass Reinforced Plastic (FRP)	2,500		*
009	Underground, vaulted, with access	01/01/1997	Fiberglass Reinforced Plastic (FRP)	1,000		*
010	Underground		Steel/Carbon Steel/Iron	600		
011	Underground		Steel/Carbon Steel/Iron	600		
012	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		*
013	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		*
014	Aboveground - in contact with soil		Steel/Carbon Steel/Iron	275		*

* Aboveground tanks require monthly visual inspections and may need documented internal inspections as described in 6 NYCRR Part 613

OWNER:
 N.Y.C. D.O.T.
 40 WORTH ST
 NEW YORK, NY 10017

SITE:
 HAMILTON AVENUE YARD
 448 HAMILTON AVE
 448 HAMILTON AVE
 BROOKLYN, NY 11232

As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 360-14 (used oil tanks only), not just those cited below:
 -- The facility must be re-registered if there is a transfer of ownership.
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 -- The facility must be operated in accordance with the code for storing petroleum, 6NYCRR Part 613.
 -- Any new facility or substantially modified facility must comply with 6NYCRR Part 614.
 -- **This certificate must be signed and posted on the premises at all times.** Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.
 -- Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours (1-800-457-7362).

OPERATOR: FACILITY MANAGER
 (718) 788-2829
EMERGENCY CONTACT: DOT-CONTROL RM
 (212) 442-7090

MAILING CORRESPONDENCE:
 VIVIAN MARCOVICI
 N.Y.C. D.O.T. FACIL. MAINTENANCE
 69-46 SYBILLA STREET
 FOREST HILLS, NY 11375

ISSUED BY: Commissioner Erin M. Crotty
PBS NUMBER: 2-258113
DATE ISSUED: 09/13/2002
EXPIRATION DATE: 08/17/2007
FEE PAID: \$250.00

 Signature of Representative/ Owner Date

 Name and Title of Authorized Representative/Owner (Please Print)

ACCOUNT NUMBER	TYPE	A.P.	B/O	APR 20	ISSUANCE DATE	PERMIT EXPIRES
05113279	10	E	11	E239	06/30/05	06/06
PREMISES ADDRESS				ACCOUNT NAME		
AND SEWERS 426 HAMILTON AVE BROOKLYN, NY 11232				BUREAU OF HIGHWAYS		

ITEM CODE	SUB CODE	QTY	DESCRIPTION	FLOOR NO.	FEE
345	00	1	COMPRESSED GASES ONLY STR/USE	1	
347	00	1	USE O2/COPR GASES IN BLOWPIPE	1	
373	00	1	A/C UP TO 3 UNITS	1	
193	00	1	COM-MX/LQ STR/USE/SEL>500-2500	1	

PERMIT TYPE
1

1=REGULAR
2=SUPPLEMENTAL
3=DUPLICATE

BUREAU OF HIGHWAYS
AKA DOT 448 HAMILTON
426 HAMILTON AVE
BROOKLYN, NY 11215

** NO FEE ** 0.00

John J. Depina
FIRE COMMISSIONER

ACLT -8/00 COMPBINE W VOI#05482338
2-2500 GAL DIESEL TRS/BTLT-1/28/97
1-1000 GAL GASOLINE#2-DPLT 12/27/96

1144953

KEEP THIS PORTION FOR YOUR RECORDS
FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION

ACCOUNT NO.	D.O.	TYPE	A.P.	BILLING DATE	BILLING PERIOD	BOROUGH	BLOCK	LOT
26094375	11	10	P	07/31/06	06/06 TO 06/07		625	2

FOR INFORMATION CALL:

(718) 999-2451

THIS BILL IS PAYABLE UPON RECEIPT

OPERATION WITHOUT A PERMIT IS ILLEGAL

ITEM CODE	SUB CODE	QTY.	ITEM DESCRIPTION	FEE
616	00	4	REFRIG AND/OR AIR CONDITION. ✓	

PERMIT REQUIRED

** LATE PAYMENTS WILL INCUR FINES *

PREMISES ADDRESS

448 HAMILTON AVE
BROOKLYN, NY 11232

PAST DUE 420.00

*** FIRST DUNNING BILL ***

PAY THIS AMOUNT 420.00

KEEP THIS PORTION FOR YOUR RECORDS
FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION

ACCOUNT NO.	D.O.	TYPE	A.P.	BILLING DATE	BILLING PERIOD	BOROUGH	BLOCK	LOT
23079163	34	30	T	08/20/03	07/03 TO N/A		625	2

FOR INFORMATION CALL:

(718) 999-2466

THIS BILL IS PAYABLE UPON RECEIPT

ITEM CODE	SUB CODE	QTY.	ITEM DESCRIPTION	FEE
888	86	1	2-YEARS FUNCTIONALITY TEST	0.00
888	84	1	COMPLAINT OR REFERRAL	0.00
870	99	12	INSPECTION FEE PER QTR. HOUR	630.00

ANNUAL FEE 630.00

448 HAMILTON AVE
BROOKLYN, NY 11232
PREMISES ADDRESS

** LATE PAYMENTS WILL INCUR FINES *

*** THIS IS AN ORIGINAL BILL ***

PAY THIS AMOUNT 630.00

Office of Environmental Compliance Assessment -- FDNY and DEP Permit Spreadsheet

2-Oct-06

Type of Permit	Division	Address	Product Detail (i.e., type of chemical or gas)	Quantity	Transport, storage or use	Other relevant information
FDNY Permits:						
Volatile Flammable Oils						
Illuminating Oils						
Cable Oils						
Lubricating Oils	FLEET					
Paints, Varnishes, and Lacquers						
Floor Finishing Product						
Oil, Fat, Grease, or Soap Stock						
Liquefied Petroleum Gases	PLANT		PROPANE	4 100 LB CYL	USE	NOOD
Petroleum Product (other)	PLANT		ASPHALT CEMENT	GAL	STORAGE USE	ITEM CODE 373 UP TO 3 UNITS
Calcium Carbide						
Flammable Liquid, Mixture, or Substance (other)						

Combustible Liquid						
Corrosive Acid						
Organic Peroxides						
Flammable Non-Liquefied Gases					ACT.	346 STORAGE/USE
Non-Flammable Gases			☒	☒	☒	347 GAS IN BLOWPIPE O2 COMB GAS
Non-Flammable Liquefied Gases	—	—	OXYGEN	8 CYL	STORAGE/USE	IC# 345
Oxygen with Flammable Gas (Torch or Blow-Pipe)			↓	↓	↓	
Portable Air Compressor	—	←	AIR	275 375	STORAGE/USE	
Underground Storage Tank	—	—	DIESEL	4000		
Combustible Fibers						
Refrigerating Systems	—	—	A/C UNITS (6)	6	USE	IC 626
Flammable Refrigerants						
Storage Garage						
Thermal Insecticide Fogging						

Explosives						
Aboveground Storage Tanks	AC?					
Flammable Plastic Foam Product						
Nitro-Cellulose Product						
Motor Vehicle Repair Shop						
DEP Permits:						
Boiler						
Furnace						
Perc Dry Cleaning Machine						
Printing Operations						
Spray Booths						
Spray Guns						
Degreasers						
Mechanically Assisted Tailpipe Exhaust Systems						
Gasoline Dispensing Sites						

New York State Department of Environmental Conservation

Division of Environmental Remediation

Bureau of Technical Support

Spill Prevention and Bulk Storage Section

625 Broadway, 11th Floor, Albany, New York 12233-7020

Phone: (518) 402-9553 • FAX: (518) 402-9577

Website: www.dec.state.ny.us



Erin M. Crotty
Commissioner

Dear Petroleum Storage Tank Owner:

The five-year registration for your petroleum bulk storage (PBS) tank(s) expires soon. Enclosed is a renewal package. Review the pre-printed information, revise (if necessary), and complete the certification on Section A of the form. Be sure to fill in all blanks (except as noted in the instructions), sign the form, and make your check payable to the New York State Department of Environmental Conservation (or NYSDEC).

Return the completed form and applicable fee before the expiration date of your current registration (the expiration date is at the top of Sections A and B). PBS renewal applications should be mailed to the appropriate NYSDEC office (the address is at the top of Section A).

Upon receipt and review of your completed renewal application and fee, the Department will issue a new five-year certificate. Part of the Department's review will determine if any underground tank systems are overdue for testing. The registration application may not be processed if there are tanks overdue for testing.

Notice to Underground Tank Owners

Please note that the date last tested for tank tightness tests appears on Section B and testing due date appears on the face of your PBS registration certificate. Tank tightness tests are required for underground tanks only. The tightness test due date was calculated based on the testing schedule included in section 613.5 of the state PBS regulations and the information that you provided previously on your PBS application form. To demonstrate compliance with this tank tightness test requirement you must have the tank tested before the due date and submit a copy of the test results within 30 days after the date of the test to the NYSDEC regional office (the address is printed on the top right-hand corner of Section A). You must also keep a copy of the test results for your records. Failure to perform the required tightness test(s) by the specified date and/or to timely submit proof of such test(s) is a violation of law for which you may be held liable for penalties. Any failed tightness test must be reported to the Department within two hours of discovery.

If you have any questions, or need additional forms or copies of the regulations, please call the appropriate NYSDEC regional office (the phone number is at the top of Section A) or the Spill Prevention and Bulk Storage Section at (518) 402-9553.

Sincerely,



Russ Brauksieck, P.E.
Chief
Spill Prevention and Bulk Storage Section

Enclosures

INSTRUCTIONS FOR COMPLETING "SECTION A" OF PETROLEUM BULK STORAGE APPLICATION

GENERAL INSTRUCTIONS - Type or print all items, except "signature" in Section A. This form must be completed for each applicable petroleum facility. Forward completed applications to the appropriate NYSDEC office.

PBS NUMBER - Enter the seven digit NYSDEC Registration Number if the facility was previously registered; otherwise, leave blank.

OTHER EXISTING DEC NUMBERS - Enter the Chemical Bulk Storage (CBS) Number (Hazardous Substance Bulk Storage Law, Article 40 of ECL; 6NYCRR Parts 595-599) and State Pollution Discharge Elimination System (SPDES) Number (Article 17, Title 8 of ECL, 6NYCRR Parts 750-758) that are assigned to the facility, if applicable. If not applicable, write "Not Applicable".

TRANSACTION TYPE - Check the appropriate box(es) to indicate type of transaction. (Check all that apply.)

- Initial/New Facility..... First application for registration by the owner of a regulated facility. PBS number will be assigned by NYSDEC. Complete all sections.
- Change of Ownership..... Application for registration by the new owner of the facility being transferred. Enter the PBS Number from the existing registration certificate and complete all sections.
- Substantial Tank Modification.. Check this box if one of the following applies: (1) one or more new stationary tanks has been added to the facility; or (2) an existing stationary tank has been replaced, reconditioned or permanently closed. In Section A, complete the Facility Section, PBS Number, name/title/signature of a duly authorized officer, and date. In Section B, fill in the entire line of information for each tank being amended.
- Information Correction..... If any information changes have occurred since the initial application or the last renewal, indicate the corrected information in the appropriate spaces, include the PBS Number, and complete the name/title/signature of a duly authorized officer, and date.
- Renewal..... Application is being made for a previously registered facility that has not changed ownership since the last registration. Registration certificates for petroleum bulk storage facilities must be renewed every five years and are not transferable. Indicate any changes that have occurred since last renewal and provide the name/title/signature of the duly authorized officer, and date.

GEOGRAPHICAL LOCATOR - Not required but if available, indicate the actual latitude and longitude for the facility (degrees, minutes and seconds).

FACILITY INFORMATION - Enter the name and location (**not** PO Box) of the facility. Include any information that would assist in locating the facility. For county, enter the county in which the facility is located. For township, enter the geographical location, not the mailing city. Enter the facility telephone number and the name of the operator at the facility who is familiar with the tanks and the efforts of the facility to comply with Petroleum Bulk Storage Law (see Article 17, Title 10 of the Petroleum Bulk Storage Law, 6NYCRR Parts 612-614 and 6NYCRR, Subpart 360-14 (used oil)). Also enter the emergency contact name and telephone number.

OWNER INFORMATION - Enter the name, address and telephone number of the facility owner. Federal Tax Identification Number is the number assigned by the Internal Revenue Service. It is required by New York State Department of Tax and Finance. For owner type, check the appropriate box. Note: apartment buildings are considered corporate/commercial.

MAILING CORRESPONDENCE - Enter the desired mailing name and address for correspondence (e.g. registration certificate, renewal notice) and the name of the contact person who is familiar with the efforts of the facility to comply with provisions of the Petroleum Bulk Storage Law.

TYPE OF PETROLEUM FACILITY - Check the appropriate box(es). If "other", specify the type of facility in the space provided.

NAME AND OFFICIAL TITLE OF OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE - Type or print name and title of the owner or authorized representative. An application submitted by a corporation must be signed by a principal executive officer of at least the level of vice president or his/her duly authorized representative, if such representative is responsible for the overall operation of the facility. For a partnership or sole proprietorship, the application must be signed by a general partner or the proprietor, respectively. For a municipal, state or other public facility, the application must be signed by a principal or executive officer, ranking elected official or other duly authorized employee.

AMOUNT ENCLOSED - Indicate the fee enclosed. Make check/money order payable to NYSDEC. The fee is based on combined petroleum tank storage capacity * at the facility in gallons: 1,101-2,000 gallons - \$100/facility; 2,001-4,999 gallons - \$300/facility; 5,000-399,999 gallons - \$500/facility. *NOTE: Product Type 0022 (waste/used oil) is **not** subject to registration fee. (An example of product type 0022 is used oil that will be hauled away by a waste hauler.)

SIGNATURE AND DATE - Enter the name, title, and signature of the owner or duly authorized officer, along with the date the application was prepared.

INSTRUCTIONS FOR COMPLETING "SECTION B" OF PETROLEUM BULK STORAGE APPLICATION

GENERAL INSTRUCTIONS - Enter all the information. Provide detail for each regulated tank (one complete line per tank; use additional forms as required). A site plan including tank numbers should be enclosed. Enter one choice per block. Make only one entry per column, except for tank external protection, tank secondary containment, tank leak detection, tank overfill prevention, piping external protection, and piping leak detection columns, where you may indicate a primary and secondary choice. **Refer to the Key at the bottom of "Section B" of the application form to indicate your responses.**

(Instructions for completing Section B are continued on the next page)

INSTRUCTIONS FOR COMPLETING "SECTION B" OF PETROLEUM BULK STORAGE APPLICATION (CONTINUED)

(Column 1) ACTION - Enter the type of action from the following choices:

- | | |
|--|--|
| 1. Initial Listing..... | Initial registration, renewal, or change of ownership of a facility. |
| 2. Add Tank..... | Installing a new tank at a facility. |
| 3. Close/Remove Tank..... | Permanently closing a tank (per 6NYCRR section 613.9(b)), or conversion to non-regulated substance/use. |
| 4. Information Correction..... | Information changes that have occurred since the initial application or last renewal for any tank. Indicate the tank number and correct the information in the appropriate spaces. |
| 5. Recondition/Repair/Reline Tank..... | Reconditioning a tank (6NYCRR section 614.6 - underground tanks and 614.12 - aboveground tanks), i.e. permanent repair and/or relining. |

(Column 2) TANK MODEL, PIPING MODEL, and TANK NUMBER - A tank number is required for each tank. Enter the number of the tank, using the tank numbering system at the facility. If none exists, establish one (e.g. 001, 002, etc.). Any combination of letters and numbers is acceptable, except "000" or duplicate tank numbers at the same facility. For Tank Model and Piping Model, there is a chart at the end of these instructions that lists some commonly used tank models and piping models for which the model description defines the related equipment. Therefore, for a given tank, if the tank model appears on the chart and you enter the tank model code (use code 101 through 108 for underground tanks, code 201 through 205 for aboveground tanks) in column 2 of the registration form, you will not have to enter the related information in shaded columns 8, 10 and 11 for that tank. Similarly, for a given tank, if the piping model appears on the chart and you enter the piping model code (A through G) in column 2 of the registration form, you will not have to enter the related information in shaded columns 17, 18 and 19 for that tank.

(Column 3) TANK LOCATION - Specify the location of the tank from the following choices:

- | | |
|---|--|
| 1. Aboveground - contact with soil..... | Tank bottom rests on soil, allowing no visual inspection. |
| 2. Aboveground - contact with impervious barrier..... | Tank bottom rests on impervious barrier, allowing visual inspection for leaks. |
| 3. Aboveground on saddles, legs, stilts, rack or cradle.. | Tank bottom rests above grade or pad, allowing visual inspection. |
| 4. Aboveground with 10% or more below ground..... | Aboveground less than 90% above grade, partially buried. |
| 5. Underground..... | Completely covered with earth or vaulted with no access. |
| 6. Underground, vaulted with access..... | Tank in subterranean vault, accessible for inspection. |

(Column 4) STATUS - Specify the status of the tank. If a tank is permanently out of service (Status 3 or 4), it must be closed pursuant to 6NYCRR section 613.9(b). If not closed as such, it may be considered temporarily out-of-service (Status 2). Status 5 refers to a product stored in the tank that is no longer regulated under the definition of petroleum in 6NYCRR section 612.1(c)(21).

(Column 5) INSTALLATION OR PERMANENT CLOSURE DATE - For Action 1, 2, 4 or 5, enter the month, day, and year the tank was completely installed. If installed prior to 1986 and exact date is unknown, enter 00/00/0000. For Action 3 (Closure), enter the month, day, and year the tank was permanently closed or converted to non-regulated substance/use.

(Column 6) CAPACITY - Specify the total design or maximum capacity of the tank in gallons.

(Column 7) PRODUCT STORED - Specify the type of petroleum product stored in the tank. (An example of product type 2642 is used oil that feeds a boiler or furnace. An example of product type 0022 is used oil that will be hauled away by a waste hauler.)

(Column 8) TANK TYPE - Specify tank type. If tank type is unknown, or tank is coated or painted steel, enter 01. Tank Type 08 (Equivalent Technology) may require a variance before installation (6NYCRR section 614.1(e); contact NYSDEC regional office for more information). (Tank Type requirements for new underground and aboveground tanks are specified in 6NYCRR section 614.2(a)(1) and 614.8(a)(1), respectively.) If you entered a tank model code in column 2, skip column 8.

(Column 9) TANK INTERNAL PROTECTION - Specify the type of protection provided for the tank to prevent internal corrosion. (Refer to 6NYCRR sections 614.12 and 614.6 for aboveground and underground tank requirements, respectively.)

(Column 10) TANK EXTERNAL PROTECTION - Specify the type(s) of protection provided for the tank to prevent external corrosion. (Refer to 6NYCRR sections 614.9(b) and 614.3(e) for aboveground and underground tank requirements, respectively.) If you entered a tank model code in column 2, skip column 10.

(Column 11) TANK SECONDARY CONTAINMENT - Specify type(s) of secondary containment system. For the two available entries of this category, select the supporting structure used for secondary containment as the first entry and, if different, enter the means of obtaining impermeability as the second entry. (Refer to 6NYCRR section 613.3(c)(6) for secondary containment requirements for aboveground tanks. For new underground storage tanks, see 6NYCRR section 614.4.) If you entered a tank model code in column 2, skip column 11.

(Column 12) TANK LEAK DETECTION - Specify leak detection method(s) used. (Refer to 6NYCRR section 614.11 and 614.5 for leak monitoring system requirements for new aboveground tanks and new underground tanks, respectively.)

(Column 13) TANK OVERFILL PREVENTION - Specify the type(s) of overfill prevention equipment used. (Refer to 6NYCRR section 614.14(g)(1) on overfill prevention requirements for new underground tanks. See section 613.3(c) on additional overfill requirements for new and existing aboveground tanks.)

(Column 15) TANK DISPENSER METHOD - Specify method/pump used to remove product from tank.

(Column 14) TANK SPILL PREVENTION - Specify type of spill prevention equipment used.

(Column 16) PIPING LOCATION - Specify piping location.

- | | |
|---|---|
| 01. Aboveground..... | Piping is elevated and not in contact with surface (soil, concrete, asphalt, etc.). |
| 02. Underground/On-ground..... | Piping completely covered with earth or resting in contact with surface (soil, concrete, asphalt, etc.) |
| 03. Aboveground/Underground Combination.. | Piping system contains both aboveground and underground piping. |

(Column 17) PIPING TYPE - Specify piping type. (Refer to 6NYCRR section 614.14(a) for piping requirements for new underground piping systems.) If you entered a piping model code in column 2, skip column 17.

(Column 18) PIPING EXTERNAL PROTECTION - Specify the type(s) of protection provided for the pipe to prevent external corrosion. If you entered a piping model code in column 2, skip column 18.

(Column 19) PIPING SECONDARY CONTAINMENT - Specify the type of secondary containment system. If you entered a piping model code in column 2, skip column 19.

(Column 20) PIPING LEAK DETECTION - Specify leak detection method used (Refer to 6NYCRR section 614.14(g)(3).)

(Column 21) LAST TEST DATE - For underground tanks, enter the month, day, and year of the most recent tightness test performed per 6NYCRR section 613.5(a). This entry does not satisfy the requirement for notification of test results. Calculations, along with the test report, must be submitted to NYSDEC if they have not already been. Note that not all underground tanks require testing. (Refer to 6NYCRR section 613.5(a).)

Tank and Piping Model Chart (For use in Section B, Column 2)

This chart lists some commonly used tank models and piping models for which the model description defines the related equipment: Therefore, for a given tank, if the tank model appears on the chart and you enter the tank model code (use code 101 through 108 for underground tanks, codes 201 through 205 for aboveground tanks) in column 2 of the registration form, you will not have to enter the related information in shaded columns 8, 10 and 11 for that tank. Similarly, for a given tank, if the piping model appears on the chart and you enter the piping model code (A through G) in column 2 of the registration form, you will not have to enter the related information in shaded columns 17, 18 and 19 for that tank.

Code #	Model Description	Examples of Model Names or Manufacturers
Underground Tanks		
101	STI-P3 single wall tank (cathodically protected steel tank with no secondary containment)	Highland Tank, Mohawk Metals, Lancaster Tank, Modern Welding
102	STI-P3 double wall tank (cathodically protected double wall steel tank)	Highland Tank, Mohawk Metals, Lancaster Tank, Modern Welding
103	FRP single wall tank (Fiberglass tank with no secondary containment)	Owens Corning, Fluid Containment, Containment Solutions, Xerxes
104	FRP double wall tank (Fiberglass double wall tank)	Owens Corning, Fluid Containment, Containment Solutions, Xerxes
105	Fiberglass clad steel single wall tank (no secondary containment)	Buffalo Tank, Highland Tank
106	Fiberglass clad steel double wall tank	Buffalo Tank
107	Jacketed steel tank (steel tank with secondary containment of plastic or FRP)	Total Containment Jacketed tank, Elutron tank, Permatank, Modern Welding Glasteel II
108	ACT 100U double wall steel tank (steel tank with urethane cladding)	Titan, Euro-Tank, HT-Fibre-Thane
Aboveground Tanks		
201	Steel tank in a steel dike	Highland Tank and others
202	Concrete encased steel tank	ConVault
203	Double wall tank (does not meet requirement for secondary containment)	
204	Modified double wall tank (meets requirements for secondary containment because containment is provided for all spill scenarios including spills from the top of the tank such as overfills)	SuperSafe Tank, Armor Cast, FitFueller Tank, Highland OP Tank
205	Plastic tank (used oil only)	Kosmo Igloo
Piping		
A	Cathodically protected single wall steel pipe	
B	Steel pipe inside of plastic pipe	
C	FRP single wall pipe	Ameron, A O Smith
D	FRP double wall pipe	Ameron, A O Smith
E	Flex pipe	APT-Poly-Tech, Bufflex II, Perma-Flexx, GeoFlex-S, GeoFlex-D, Enviroflex, Omniflex
F	Copper pipe	
G	Copper pipe inside of plastic pipe	

INSTRUCTIONS FOR COMPLETING "SECTION A" OF PETROLEUM BULK STORAGE APPLICATION

GENERAL INSTRUCTIONS - Type or print all items, except "signature" in Section A. This form must be completed for each applicable petroleum facility. Forward completed applications to the appropriate NYSDEC office.

PBS NUMBER - Enter the seven digit NYSDEC Registration Number if the facility was previously registered; otherwise, leave blank.

OTHER EXISTING DEC NUMBERS - Enter the Chemical Bulk Storage (CBS) Number (Hazardous Substance Bulk Storage Law, Article 40 of ECL; 6NYCRR Parts 595-599) and State Pollution Discharge Elimination System (SPDES) Number (Article 17, Title 8 of ECL, 6NYCRR Parts 750-758) that are assigned to the facility, if applicable. If not applicable, write "Not Applicable".

TRANSACTION TYPE - Check the appropriate box(es) to indicate type of transaction. (Check all that apply.)

Initial/New Facility..... First application for registration by the owner of a regulated facility. PBS number will be assigned by NYSDEC. Complete all sections.

Change of Ownership..... Application for registration by the new owner of the facility being transferred. Enter the PBS Number from the existing registration certificate and complete all sections.

Substantial Tank Modification.. Check this box if one of the following applies: (1) one or more new stationary tanks has been added to the facility; or (2) an existing stationary tank has been replaced, reconditioned or permanently closed. In Section A, complete the Facility Section, PBS Number, name/title/signature of a duly authorized officer, and date. In Section B, fill in the entire line of information for each tank being amended.

Information Correction..... If any information changes have occurred since the initial application or the last renewal, indicate the corrected information in the appropriate spaces, include the PBS Number, and complete the name/title/signature of a duly authorized officer, and date.

Renewal..... Application is being made for a previously registered facility that has not changed ownership since the last registration. Registration certificates for petroleum bulk storage facilities must be renewed every five years and are not transferable. Indicate any changes that have occurred since last renewal and provide the name/title/signature of the duly authorized officer, and date.

GEOGRAPHICAL LOCATOR - Not required but if available, indicate the actual latitude and longitude for the facility (degrees, minutes and seconds).

FACILITY INFORMATION - Enter the name and location (**not** PO Box) of the facility. Include any information that would assist in locating the facility. For county, enter the county in which the facility is located. For township, enter the geographical location, not the mailing city. Enter the facility telephone number and the name of the operator at the facility who is familiar with the tanks and the efforts of the facility to comply with Petroleum Bulk Storage Law (see Article 17, Title 10 of the Petroleum Bulk Storage Law, 6NYCRR Parts 612-614 and 6NYCRR, Subpart 360-14 (used oil)). Also enter the emergency contact name and telephone number.

OWNER INFORMATION - Enter the name, address and telephone number of the facility owner. Federal Tax Identification Number is the number assigned by the Internal Revenue Service. It is required by New York State Department of Tax and Finance. For owner type, check the appropriate box. Note: apartment buildings are considered corporate/commercial.

MAILING CORRESPONDENCE - Enter the desired mailing name and address for correspondence (e.g. registration certificate, renewal notice) and the name of the contact person who is familiar with the efforts of the facility to comply with provisions of the Petroleum Bulk Storage Law.

TYPE OF PETROLEUM FACILITY - Check the appropriate box(es). If "other", specify the type of facility in the space provided.

NAME AND OFFICIAL TITLE OF OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE - Type or print name and title of the owner or authorized representative. An application submitted by a corporation must be signed by a principal executive officer of at least the level of vice president or his/her duly authorized representative, if such representative is responsible for the overall operation of the facility. For a partnership or sole proprietorship, the application must be signed by a general partner or the proprietor, respectively. For a municipal, state or other public facility, the application must be signed by a principal or executive officer, ranking elected official or other duly authorized employee.

AMOUNT ENCLOSED - Indicate the fee enclosed. Make check/money order payable to NYSDEC. The fee is based on combined petroleum tank storage capacity * at the facility in gallons: 1,101-2,000 gallons - \$100/facility; 2,001-4,999 gallons - \$300/facility; 5,000-399,999 gallons - \$500/facility. *NOTE: Product Type 0022 (waste/used oil) is **not** subject to registration fee. (An example of product type 0022 is used oil that will be hauled away by a waste hauler.)

SIGNATURE AND DATE - Enter the name, title, and signature of the owner or duly authorized officer, along with the date the application was prepared.

INSTRUCTIONS FOR COMPLETING "SECTION B" OF PETROLEUM BULK STORAGE APPLICATION

GENERAL INSTRUCTIONS - Enter all the information. Provide detail for each regulated tank (one complete line per tank; use additional forms as required). A site plan including tank numbers should be enclosed. Enter one choice per block. Make only one entry per column, except for tank external protection, tank secondary containment, tank leak detection, tank overflow prevention, piping external protection, and piping leak detection columns, where you may indicate a primary and secondary choice. Refer to the Key at the bottom of "Section B" of the application form to indicate your responses.

(Instructions for completing Section B are continued on the next page)

INSTRUCTIONS FOR COMPLETING "SECTION B" OF PETROLEUM BULK STORAGE APPLICATION (CONTINUED)

(Column 1) ACTION - Enter the type of action from the following choices:

- 1. Initial Listing..... Initial registration, renewal, or change of ownership of a facility.
- 2. Add Tank..... Installing a new tank at a facility.
- 3. Close/Remove Tank..... Permanently closing a tank (per 6NYCRR section 613.9(b)), or conversion to non-regulated substance/use.
- 4. Information Correction..... Information changes that have occurred since the initial application or last renewal for any tank. Indicate the tank number and correct the information in the appropriate spaces.
- 5. Recondition/Repair/Reline Tank..... Reconditioning a tank (6NYCRR section 614.6 - underground tanks and 614.12 - aboveground tanks), i.e. permanent repair and/or relining.

(Column 2) TANK MODEL, PIPING MODEL, and TANK NUMBER - A tank number is required for each tank. Enter the number of the tank, using the tank numbering system at the facility. If none exists, establish one (e.g. 001, 002, etc.). Any combination of letters and numbers is acceptable, except "000" or duplicate tank numbers at the same facility. For Tank Model and Piping Model, there is a chart at the end of these instructions that lists some commonly used tank models and piping models for which the model description defines the related equipment. Therefore, for a given tank, if the tank model appears on the chart and you enter the tank model code (use code 101 through 108 for underground tanks, code 201 through 205 for aboveground tanks) in column 2 of the registration form, you will not have to enter the related information in shaded columns 8, 10 and 11 for that tank. Similarly, for a given tank, if the piping model appears on the chart and you enter the piping model code (A through G) in column 2 of the registration form, you will not have to enter the related information in shaded columns 17, 18 and 19 for that tank.

(Column 3) TANK LOCATION - Specify the location of the tank from the following choices:

- 1. Aboveground - contact with soil..... Tank bottom rests on soil, allowing no visual inspection.
- 2. Aboveground - contact with impervious barrier..... Tank bottom rests on impervious barrier, allowing visual inspection for leaks.
- 3. Aboveground on saddles, legs, stilts, rack or cradle.. Tank bottom rests above grade or pad, allowing visual inspection.
- 4. Aboveground with 10% or more below ground..... Aboveground less than 90% above grade, partially buried.
- 5. Underground..... Completely covered with earth or vaulted with no access.
- 6. Underground, vaulted with access..... Tank in subterranean vault, accessible for inspection.

(Column 4) STATUS - Specify the status of the tank. If a tank is permanently out of service (Status 3 or 4), it must be closed pursuant to 6NYCRR section 613.9(b). If not closed as such, it may be considered temporarily out-of-service (Status 2). Status 5 refers to a product stored in the tank that is no longer regulated under the definition of petroleum in 6NYCRR section 612.1(c)(21).

(Column 5) INSTALLATION OR PERMANENT CLOSURE DATE - For Action 1, 2, 4 or 5, enter the month, day, and year the tank was completely installed. If installed prior to 1986 and exact date is unknown, enter 00/00/0000. For Action 3 (Closure), enter the month, day, and year the tank was permanently closed or converted to non-regulated substance/use.

(Column 6) CAPACITY - Specify the total design or maximum capacity of the tank in gallons.

(Column 7) PRODUCT STORED - Specify the type of petroleum product stored in the tank. (An example of product type 2642 is used oil that feeds a boiler or furnace. An example of product type 0022 is used oil that will be hauled away by a waste hauler.)

(Column 8) TANK TYPE - Specify tank type. If tank type is unknown, or tank is coated or painted steel, enter 01. Tank Type 08 (Equivalent Technology) may require a variance before installation (6NYCRR section 614.1(e); contact NYSDEC regional office for more information). (Tank Type requirements for new underground and aboveground tanks are specified in 6NYCRR section 614.2(a)(1) and 614.8(a)(1), respectively.) If you entered a tank model code in column 2, skip column 8.

(Column 9) TANK INTERNAL PROTECTION - Specify the type of protection provided for the tank to prevent internal corrosion. (Refer to 6NYCRR sections 614.12 and 614.6 for aboveground and underground tank requirements, respectively.)

(Column 10) TANK EXTERNAL PROTECTION - Specify the type(s) of protection provided for the tank to prevent external corrosion. (Refer to 6NYCRR sections 614.9(b) and 614.3(e) for aboveground and underground tank requirements, respectively.) If you entered a tank model code in column 2, skip column 10.

(Column 11) TANK SECONDARY CONTAINMENT - Specify type(s) of secondary containment system. For the two available entries of this category, select the supporting structure used for secondary containment as the first entry and, if different, enter the means of obtaining impermeability as the second entry. (Refer to 6NYCRR section 613.3(c)(6) for secondary containment requirements for aboveground tanks. For new underground storage tanks, see 6NYCRR section 614.4.) If you entered a tank model code in column 2, skip column 11.

(Column 12) TANK LEAK DETECTION - Specify leak detection method(s) used. (Refer to 6NYCRR section 614.11 and 614.5 for leak monitoring system requirements for new aboveground tanks and new underground tanks, respectively.)

(Column 13) TANK OVERFILL PREVENTION - Specify the type(s) of overfill prevention equipment used. (Refer to 6NYCRR section 614.14(g)(1) on overfill prevention requirements for new underground tanks. See section 613.3(c) on additional overfill requirements for new and existing aboveground tanks.)

(Column 15) TANK DISPENSER METHOD - Specify method/pump used to remove product from tank.

(Column 14) TANK SPILL PREVENTION - Specify type of spill prevention equipment used.

(Column 16) PIPING LOCATION - Specify piping location.

- 01. Aboveground..... Piping is elevated and not in contact with surface (soil, concrete, asphalt, etc.).
- 02. Underground/On-ground..... Piping completely covered with earth or resting in contact with surface (soil, concrete, asphalt, etc.)
- 03. Aboveground/Underground Combination.. Piping system contains both aboveground and underground piping.

(Column 17) PIPING TYPE - Specify piping type. (Refer to 6NYCRR section 614.14(a) for piping requirements for new underground piping systems.) If you entered a piping model code in column 2, skip column 17.

(Column 18) PIPING EXTERNAL PROTECTION - Specify the type(s) of protection provided for the pipe to prevent external corrosion. If you entered a piping model code in column 2, skip column 18.

(Column 19) PIPING SECONDARY CONTAINMENT - Specify the type of secondary containment system. If you entered a piping model code in column 2, skip column 19.

(Column 20) PIPING LEAK DETECTION - Specify leak detection method used (Refer to 6NYCRR section 614.14(g)(3).)

(Column 21) LAST TEST DATE - For underground tanks, enter the month, day, and year of the most recent tightness test performed per 6NYCRR section 613.5(a). This entry does not satisfy the requirement for notification of test results. Calculations, along with the test report, must be submitted to NYSDEC if they have not already been. Note that not all underground tanks require testing. (Refer to 6NYCRR section 613.5(a).)

Tank and Piping Model Chart (For use in Section B, Column 2)

This chart lists some commonly used tank models and piping models for which the model description defines the related equipment. Therefore, for a given tank, if the tank model appears on the chart and you enter the tank model code (use code 101 through 108 for underground tanks, codes 201 through 205 for aboveground tanks) in column 2 of the registration form, you will not have to enter the related information in shaded columns 8, 10 and 11 for that tank. Similarly, for a given tank, if the piping model appears on the chart and you enter the piping model code (A through G) in column 2 of the registration form, you will not have to enter the related information in shaded columns 17, 18 and 19 for that tank.

Code #	Model Description	Examples of Model Names or Manufacturers
Underground Tanks		
101	STI-P3 single wall tank (cathodically protected steel tank with no secondary containment)	Highland Tank, Mohawk Metals, Lancaster Tank, Modern Welding
102	STI-P3 double wall tank (cathodically protected double wall steel tank)	Highland Tank, Mohawk Metals, Lancaster Tank, Modern Welding
103	FRP single wall tank (Fiberglass tank with no secondary containment)	Owens Corning, Fluid Containment, Containment Solutions, Xerxes
104	FRP double wall tank (Fiberglass double wall tank)	Owens Corning, Fluid Containment, Containment Solutions, Xerxes
105	Fiberglass clad steel single wall tank (no secondary containment)	Buffalo Tank, Highland Tank
106	Fiberglass clad steel double wall tank	Buffalo Tank
107	Jacketed steel tank (steel tank with secondary containment of plastic or FRP)	Total Containment Jacketed tank, Elutron tank, Permatank, Modern Welding Glasteel II
108	ACT 100U double wall steel tank (steel tank with urethane cladding)	Titan, Euro-Tank, HT-Fibre-Thane
Aboveground Tanks		
201	Steel tank in a steel dike	Highland Tank and others
202	Concrete encased steel tank	ConVault
203	Double wall tank (does not meet requirement for secondary containment)	
204	Modified double wall tank (meets requirements for secondary containment because containment is provided for all spill scenarios including spills from the top of the tank such as overfills)	SuperSafe Tank, Armor Cast, FitFueller Tank, Highland OP Tank
205	Plastic tank (used oil only)	Kosmo Igloo
Piping		
A	Cathodically protected single wall steel pipe	
B	Steel pipe inside of plastic pipe	
C	FRP single wall pipe	Ameron, A O Smith
D	FRP double wall pipe	Ameron, A O Smith
E	Flex pipe	APT-Poly-Tech, Bufflex II, Perma-Flexx, GeoFlex-S, GeoFlex-D, Enviroflex, Omniflex
F	Copper pipe	
G	Copper pipe inside of plastic pipe	

Instructions for PBS Registration Renewal

Step 1 - Gather your records

Gather all facility and tank related records, including operator name and phone number, tank inventories, tank testing, tank closures, tank additions, etc. Discard any blank PBS application forms and instructions that are outdated (see upper left corner of forms/instructions - the current renewal form is labeled “(pbsrenew_sept03)” and the current instructions are labeled “(pbsinstr_jan04)” and “(pbsrenewinstr_jan04)”.

Step 2 - Complete Section A (except amount, signature and date)

Review, revise and complete Section A, referring to the instructions for completing a petroleum bulk storage application. Clearly mark corrections by crossing out incorrect information and neatly printing the correct information. Please do not use “white out”. The only items that can be left blank are CBS and SPDES number (if not applicable) and Latitude and Longitude (if not known). *Fill in amount enclosed, signature and date **after** Section B is completed.*

Owner information/Change of Ownership - If you no longer own this facility, please provide the current owner’s name and address (if known) and return the renewal package to the appropriate NYSDEC office (see address in upper right corner of Section A) as soon as possible. If you are the new owner, please indicate the ownership transfer (transaction type 2), and update the information accordingly.

Step 3 - Complete Section B

Review, revise and complete Section B, referring to the instructions completing a petroleum bulk storage application and the key for Section B (at bottom of page for Section B). Fill in any blank items.

Last test date - This date is preprinted if test results have been submitted for an underground tank. If your tank(s) have been tested, but the testing date is missing, please indicate the test date and attach a copy of the test report. Not all underground tanks require testing; refer to 6NYCRR Section 613.5 and USEPA underground storage tank regulations requiring upgrades by December 22, 1998 at www.epa.gov/OUST . The USEPA 1998 upgrade requires that systems are corrosion resistant, have spill/overflow protection devices, and leak detection. If the tank was installed after December 1986 and there is no test date indicated, then no tank testing is required. If the tank was installed after December 1998, then no tank testing is required. If the tank was installed before December 1986, then the tank most likely needs testing or does not meet USEPA upgrade requirements. For further questions about pre-December 1986 tanks, please call NYSDEC technical staff at the number shown on the application form. *If your tank(s) is overdue for testing, a test report must be submitted prior to or with the registration application. Without a test report, the registration application may not be processed.*

Used Oil Tanks - All tanks storing used oil (product types 0022 and 2642) must be registered, regardless of combined storage capacity at a facility.

Step 4 - Determine Total Storage Capacity that is subject to registration fees

Add together the capacities (in gallons) of all in-service and temporarily out-of-service PBS tanks as follows:

- (1) Gasoline, Diesel, Lube Oil and Kerosene(not used for on-premises fuel consumption) (1)_____ gals.
- (2) Heating Oil Tanks (#’s 1, 2, 4, 5, 6 fuel oils, used oil (fuel), and kerosene) for tanks over 1,100 gallons each (2)_____ gals.
- (3) Used Oil not used as fuel - must be registered but is not subject to registration fees (3) 0 gals.
- (4) Other Petroleum Products (4)_____ gals.
- (5) Subtotal Storage Capacity** (add lines 1 thru 4 above) (5)_____ gals.

(6) Small Heating Oil Tanks - Certain small heating oil tanks were deregulated from the PBS program effective August 8, 1996. If the **Subtotal Storage Capacity** above for your facility is under 1,101 gallons, fees are not collected on tanks of heating oil (i.e., #'s 1, 2, 4, 5, 6 fuel oils, used oil (fuel), and kerosene) which are: 1)under 1,101 gallons per tank, 2)used for on-premises consumption at the same site, and 3)not interconnected to any other heating oil tank. If your small heating oil tank(s) qualify, list zero gallons for small heating oil tanks.

(6) 0 gals.

(7) Otherwise, if the **Subtotal Storage Capacity** above is 1,101 gallons or more, you must add the capacity of Small Heating Oil Tanks that are in-service and temporarily out-of-service.

(7) _____ gals.

(8) Total Storage Capacity (add lines 5, 6 and 7). This figure is used to determine your registration fee in Step 5.

(8) _____ gals.

Step 5 - Determine Registration Fee

Determine the correct registration fee amount based on the Total Storage Capacity determined in Step 4, line 8. Indicate the amount enclosed on Section A, and make your check or money order payable to New York State Department of Environmental Conservation (or NYSDEC).

Total Storage Capacity

(From Step 4)

Under 1,101 gallons

1,101-2,000 gallons

2,001-4,999 gallons

5,000-399,999 gallons

400,000 gallons and greater

5-Year Fee for Facility

\$0 - Fee not required. (Must register all used oil tanks - Product Types 0022 and 2642.)

\$100 per storage facility

\$300 per storage facility

\$500 per storage facility

Registration not required but license is required (see "Major Oil Storage Facilities" below)

Major Oil Storage Facilities - If the aggregate capacity at the facility is 400,000 gallons or more, then renewal and fee are not required but the facility must be licensed under Article 12 of the Navigation Law. If already licensed, return the PBS renewal form with a note indicating the license number. If not already licensed, return the renewal form to the appropriate NYSDEC office (see address in upper right corner of Section A) and request a Major Oil Storage Facility application form.

Step 6 - Sign, date, and mail the application

The owner or duly authorized representative should sign and date the application form in Section A, and submit it with the appropriate fee to the appropriate NYSDEC office (see address in upper right corner of Section A). An application submitted by a corporation must be signed by a principal executive officer of at least the level of vice-president or a duly authorized representative who is responsible for the operation of the facility. An application submitted by a partnership or a sole proprietorship must be signed by a general partner or proprietor. An application submitted by a municipal, state, or other public facility must be signed by either a principal officer, ranking elected official or other duly authorized employee. If you are not the owner, vice-president, authorized representative, etc., it is very important that person be made aware of this correspondence from the Department and does sign the enclosed application form.



Petroleum Bulk Storage Application

Pursuant to the Petroleum Bulk Storage Law,
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14

Return Completed Form & Fees To:
NYSDEC - PBS Unit



Please Type or Print Clearly
and Complete All Items

Section A
(See enclosed instructions and please be sure to complete Sections A & B)

Expiration Date:

PBS Number	F	Facility Name:		TYPE OF PETROLEUM FACILITY (Check only one) <input type="checkbox"/> 01=Storage Terminal/Petroleum Distributor <input type="checkbox"/> 02=Retail Gasoline Sales <input type="checkbox"/> 03=Other Retail Sales <input type="checkbox"/> 04=Manufacturing <input type="checkbox"/> 05=Utility <input type="checkbox"/> 06=Trucking/Transportation <input type="checkbox"/> 07=Apartment Building <input type="checkbox"/> 08=School <input type="checkbox"/> 09=Farm <input type="checkbox"/> 10=Private Residence <input type="checkbox"/> 11=Airline/Air Taxi <input type="checkbox"/> 12=Chemical Distributor <input type="checkbox"/> 13=Municipality <input type="checkbox"/> 14=Refinery <input type="checkbox"/> 15=Railroad <input type="checkbox"/> 16=Vessel/Barge <input type="checkbox"/> 99=Other (Specify): _____	
		Location (Not P.O. Boxes)			
DEC CBS Number: (If applicable)	A	Location (cont.):			
DEC SPDES Number: (If applicable)	C	City:	State:	Zip Code:	
Transaction Type (Check all that apply) NOTE: Transaction Types 1, 2 and 5 may require a fee <input type="checkbox"/> 1)Initial/ New Facility <input type="checkbox"/> 2)Change of Ownership <input type="checkbox"/> 3)Substantial Tank Modification <input type="checkbox"/> 4)Information Correction <input type="checkbox"/> 5)Renewal	I	NY			
	L	County:	Township or City:		
	I	Name of Operator at Facility:		Facility Telephone Number:	
	T	Emergency Contact Name:		Emergency Telephone Number:	
	Y	Owner Name:		Address (Street and/or P.O.):	
O W N E R	City:		State:	Zip Code:	
	Federal Tax ID Number:		Owner Telephone Number:		
	Type of Owner: (check only one)	2 <input type="checkbox"/> State Government	4 <input type="checkbox"/> Federal Government		
	1 <input type="checkbox"/> Private Resident	3 <input type="checkbox"/> Local Government	5 <input type="checkbox"/> Corporate/Commercial		
	I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.		Name of Owner or Authorized Representative:		Amount Enclosed: \$
Title:		Signature:		Date:	
C O R R E S P O N D E N C E	(Please keep up to date - this information is used for mailing and contact puposes)				OFFICIAL USE ONLY Page ____ of ____ Date Received ___/___/___ Date Processed ___/___/___ Amount Received \$ _____ Reviewed by _____
	Attention:				
	Name of Company:				
	Address:				
	Address:				
	City/State/Zip Code:				
Telephone Number:					

PBS Number:

Section B - Tank Information

(See enclosed instructions and use the key located on the bottom of this sheet to complete each item/column)

Registration Expiration Date:

Table with 21 columns: (1) Action, (2) Tank Model, Piping Model, Tank Number, (3) Tank Location, (4) Status, (5) Installation or Permanent Closure Date, (6) Capacity (Gallons), (7) Product Stored, (8) Tank Type, (9) Tank Internal Protection, (10) Tank External Protection, (11) Tank Secondary Containment, (12) Tank Leak Detection, (13) Tank Overfill Prevention, (14) Tank Spill Prevention, (15) Tank Dispenser, (16) Piping Location, (17) Piping Type, (18) Piping External Protection, (19) Piping Sec Containment, (20) Piping Leak Detection, (21) Last Test Date/Testing Due Date (Underground Tanks), Last Test Date, Next Test Date.

- Action (1)
Status (4)
Tank Type (8)
External Protection (10/18)
Piping Type (17)
Secondary Containment (11/19)
Piping Location (16)
Tank Location (3)
Product Stored (7)
Internal Protection (9)
Tank Leak Detection (12)
Overfill Prevention (13)
Spill Prevention (14)
Dispenser (15)
* If other, please list on a separate sheet including Tank Number

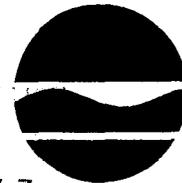
New York State Department of Environmental Conservation

Division of Environmental Permits, Region 2

47-40 21ST Street, Long Island City, NY 11101-5407

Phone: (718) 482-4997 • FAX: (718) 482-4975

Website: www.dec.state.ny.us



07 APR - 3 PM 2:47

Certified Mail - Return Receipt Requested
7006 0100 0000 8899 3111

March 28, 2007

Galileo Orlando
NYC Department of Transportation
59 Maiden Lane, 37th Floor
New York, NY 10003

Dear Mr. Orlando:

Re: Air State Facility Permit DEC ID 2-6102-00076/00004 Mod 1
NYC DOT - Hamilton Avenue Asphalt Plant, Brooklyn, NY

Enclosed is your Air State Facility permit modification 1 for the above referenced facility. This permit modifies the NOx emissions capping condition in accordance with the result of a stack test conducted in August of 2006. The NOx emission cap remains at 22.5 tons per year. Please read it carefully; you must comply with all conditions.

If you have any questions regarding the permit, please contact me at (718)482-4079 or Eugene Galper in the NYSDEC Division of Air Resources at (718)482-4944.

Sincerely,

A handwritten signature in cursive script that reads "E. Clarke".

Elizabeth A. Clarke
Environmental Analyst

cc: S. Lieblich, E. Galper - DAR
L. Oliva - Legal, w/o encl
S. Riva - USEPA Region 2, w/o encl
Kedari Reddy - NYCDOT, w/o encl ✓

New York State Department of Environmental Conservation
Facility DEC ID: 2610200076



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 2-6102-00076/00004
Mod 0 Effective Date: 09/29/2005 Expiration Date: No expiration date.
Mod 1 Effective Date: 03/14/2007 Expiration Date: No expiration date.

Permit Issued To: NYC DEPT OF TRANSPORTATION
40 WORTH ST
11TH FLOOR
NEW YORK, NY 10003

Contact: GALILEO ORLANDO
NYC DEPARTMENT OF TRANSPORTATION
59 MAIDEN LN 37TH FL
NEW YORK, NY 10038
(212) 487-8430

Facility: NYC DOT-HAMILTON AVE ASPHALT PLANT
448 HAMILTON AVE & 14TH ST
BROOKLYN, NY 11232

Description:

The NYC DOT Hamilton Ave Asphalt Plant is a manufacturer of asphalt. The facility is located at 448 Hamilton Ave., Brooklyn, New York.

This is a municipal operated facility producing hot mix asphalt utilizing a drum type design. The design incorporates an ultraplant natural gas fired burner. The primary collector is a baghouse with a cyclone separator as a preliminary. Finished material is dispensed through silos.

The facility NOx (oxides of nitrogen) emissions are capped at 22.5 tons per year.

Records demonstrating compliance with this cap will be kept in accordance with the permit special conditions.

The facility is subject to the provisions of State Facility specified under 6NYCRR Part 201-7.2.

The Air State Facility Permit contains a listing of the applicable federal, state, and compliance monitoring requirements for the facility.

This permit modification is issued to modify the NOx emissions capping condition in accordance with the result of a stack test conducted in August of 2006.

Renewal 1/Mod 1/FINAL

New York State Department of Environmental Conservation
Facility DEC ID: 2610200076



By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: JOHN F CRYAN
DIVISION OF ENVIRONMENTAL PERMITS
ONE HUNTERS POINT PLAZA, 47-40 21ST STREET
LONG ISLAND CITY, NY 11101-5407

Authorized Signature:

Date: 03/14/07

Renewal 1/Mod 1/FINAL



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

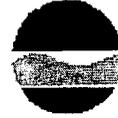
Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

Renewal 1/Mod 1/FINAL



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DEC GENERAL CONDITIONS

General Provisions

- 2 Facility Inspection by the Department
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- 2 Applications for permit renewals, modifications and transfers
- 3 Applications for Permit Renewals and Modifications
- 3 Permit modifications, suspensions or revocations by the Department
- 3 Permit Modifications, Suspensions and Revocations by the Department

Facility Level

- 4 Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
- 4 Submission of application for permit modification or renewal-REGION 2 HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 1-1.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 1-1.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 1-1.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

New York State Department of Environmental Conservation
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Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 1-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 1-2.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any

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provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

Condition 1-3: Submission of application for permit modification or renewal-REGION 2 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 1-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYC DEPT OF TRANSPORTATION
40 WORTH ST
11TH FLOOR
NEW YORK, NY 10003

Facility: NYC DOT-HAMILTON AVE ASPHALT PLANT
448 HAMILTON AVE & 14TH ST
BROOKLYN, NY 11232

Authorized Activity By Standard Industrial Classification Code:
2951 - PAVING MIXTURES AND BLOCKS

Mod 0 Permit Effective Date: 09/29/2005

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 03/14/2007

Permit Expiration Date: No expiration date.



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FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 7 1-1 6NYCRR 201-7.2: Facility Permissible Emissions
- 7 *1-2 6NYCRR 201-7.2: Capping Monitoring Condition
- 8 4 6NYCRR 202-1.3: Acceptable procedures
- 9 5 6NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 9 6 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 9 7 6NYCRR 225-1.8: Compliance Demonstration
- 10 8 6NYCRR 227-1.3(a): Compliance Demonstration
- 11 9 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 11 10 40CFR 60.8(d), NSPS Subpart A: Prior notice.

Emission Unit Level

EU=0-02112

- 11 11 6NYCRR 212.3(a): Emissions from Existing Sources
- 12 12 6NYCRR 212.3(b): Existing sources - 212.3(b) particulate matter standard.
- 12 13 6NYCRR 212.6(a): Compliance Demonstration
- 13 14 40CFR 60.92, NSPS Subpart I: Compliance Demonstration
- 13 15 40CFR 60.92, NSPS Subpart I: Compliance Demonstration
- 14 16 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 16 17 ECL 19-0301: Contaminant List
- 17 18 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 18 19 6NYCRR 201-5: Emission Unit Definition
- 18 20 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 19 21 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 19 22 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.



Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.



Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend

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or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Item L: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item N: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

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Condition 1-1: Facility Permissible Emissions

Effective between the dates of 03/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 1-1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY210-00-0 (From Mod 1) PTE: 45,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 1-2: Capping Monitoring Condition

Effective between the dates of 03/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 1-2.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6
6NYCRR 231-2

Item 1-2.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-2.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 1-2.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-2.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Air Pollution Control Permit Conditions

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New York State Department of Environmental Conservation

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Item 1-2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 1-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:

The NOx (oxides of nitrogen) emissions are capped at 22.5 tons per year.

The owner or operator shall maintain a record of the quantity of hot mix asphalt produced at the facility firing natural gas for both 100% virgin and 40% RAP production modes. The owner or operator shall calculate NOx emissions based on the following formula:

$hma_NG_virgin \times 0.0183 \text{ lb/ton} + hma_NG_RAP \times 0.0177 < 45000 \text{ lb/yr of NOx emissions.}$

Where:

-hma_NG_virgin - hot mix asphalt (100% virgin) produced while burning natural gas in tons per year;

0.0183 lb/ton - emission factor for NOx from 100% virgin asphalt production mode firing natural gas (stack test of Aug. 2006);

-hma_NG_RAP - hot mix asphalt (40% RAP) produced while burning natural gas in tons per year;

0.0177 lb/ton - emission factor for NOx from 40% RAP asphalt production mode firing natural gas (stack test of Aug. 2006).

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 22.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 12 calendar month(s).

Condition 4: Acceptable procedures

Air Pollution Control Permit Conditions

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Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.3

Item 4.1:

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 5: Acceptable procedures - Stack test report submittal
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.3

Item 5.1:

Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

Condition 6: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

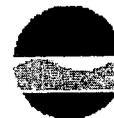
Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME
(INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 7: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date



Applicable Federal Requirement: 6NYCRR 225-1.8

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or fuel oil shall compile and retain records of the following information:

- a. fuel analyses and data on the quantities of all residual and distillate oil and coal received, burned or sold;
- b. the names of all purchasers of all residual and distillate oil and coal sold;
- c. any results of stack sampling, stack monitoring and other procedures used to ensure compliance with the provisions of 6 NYCRR Part 225-1.

Fuel analyses must contain, as a minimum, data on the sulfur content, specific gravity and heating value of any residual oil, distillate oil or coal received, burned or sold. Ash content shall also be included in the fuel analyses for any residual oil or coal received, burned or sold.

These records shall be retained for a minimum period of three years. If the facility is subject to Title V requirements the minimum record retention period shall be five years. The records shall be made available for inspection by department staff during normal business hours. In addition, copies of such records shall be furnished to department staff upon request. All required sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 8: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3(a)

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Performance test methods.
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A

Item 9.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 10: Prior notice.
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(d), NSPS Subpart A

Item 10.1:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**** Emission Unit Level ****

Condition 11: Emissions from Existing Sources
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 11.1:

This Condition applies to Emission Unit: 0-02112

Item 11.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.



Condition 12: Existing sources - 212.3(b) particulate matter standard.
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 12.1:

This Condition applies to Emission Unit: 0-02112

Item 12.2:

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

Condition 13: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-02112

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

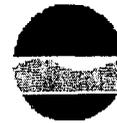
The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment

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within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.92, NSPS Subpart I

Item 14.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-02112

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:
Standard for opacity from a hot mix asphalt plant.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: method 9
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 15: Compliance Demonstration
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.92, NSPS Subpart I

Item 15.1:

The Compliance Demonstration activity will be performed for:

Air Pollution Control Permit Conditions

Renewal 1/Mod 1/Active

Page 13 of 19 FINAL

New York State Department of Environmental Conservation

Permit ID: 2-6102-00076/00004

Facility DEC ID: 2610200076



Emission Unit: 0-02112

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions limitations for a hot mix asphalt plant.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 16: Compliance Demonstration

Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.92(a)(2), NSPS Subpart I

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-02112

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

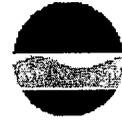
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Air Pollution Control Permit Conditions

Renewal 1/Mod 1/Active

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New York State Department of Environmental Conservation
Permit ID: 2-6102-00076/00004 Facility DEC ID: 2610200076



Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS
**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

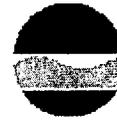
STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state only enforceable.

Condition 17: Contaminant List

New York State Department of Environmental Conservation

Permit ID: 2-6102-00076/00004

Facility DEC ID: 2610200076



Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 17.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit (emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

Condition 18: Unavoidable noncompliance and violations

Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 18.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

Air Pollution Control Permit Conditions

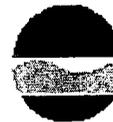
Renewal 1/Mod 1/Active

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New York State Department of Environmental Conservation

Permit ID: 2-6102-00076/00004

Facility DEC ID: 2610200076



(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 19: Emission Unit Definition
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 19.1(From Mod 0):

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 0-02112

Emission Unit Description:

Stack exhaust combining flue from gas burner, dryer, primary collector operations as well as exhaust from cyclone separator

Building(s): DRUM AREA

Condition 20: Air pollution prohibited
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 20.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**** Emission Unit Level ****

Air Pollution Control Permit Conditions

Renewal 1/Mod 1/Active

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New York State Department of Environmental Conservation
Permit ID: 2-6102-00076/00004 Facility DEC ID: 2610200076



Condition 21: Emission Point Definition By Emission Unit
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 21.1(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-02112

Emission Point: 00008
Height (ft.): 88 Diameter (in.): 54
NYTMN (km.): 4502.7 NYTME (km.): 584.6 Building: DRUM AREA

Condition 22: Process Definition By Emission Unit
Effective between the dates of 09/29/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 22.1(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-02112
Process: 003 Source Classification Code: 3-05-002-06
Process Description:
NATURAL GAS FIRED FOR THE DRYING, HEATING & MIXING OF
AGGREGATES AND ASPHALT CEMENT TO FORM HOT MIX ASPHALT
IN DRUM PLANT CONFIGURATION.

Emission Source/Control: 00008 - Process

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 01/24/2007 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit conditions

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
	Regulated Contaminant			Reporting Frequency
	Process Material	Units		Monitoring Frequency
				Averaging Method
1-2	OXIDES OF NITROGEN		22.5	MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
CAP	OXIDES OF NITROGEN	tons per year		ANNUALLY (CALENDAR)

	THE NOX (OXIDES OF NITROGEN) EMISSIONS ARE CAPPED AT 22.5 TONS PER YEAR.			
	THE OWNER OR OPERATOR SHALL MAINTAIN A RECORD OF THE QUANTITY OF HOT MIX ASPHALT PRODUCED AT THE FACILITY FIRING NATURAL GAS FOR BOTH 100% VIRGIN AND 40% RAP PRODUCTION MODES. THE OWNER OR OPERATOR SHALL CALCULATE NOX EMISSIONS BASED ON THE FOLLOWING FORMULA:			MONTHLY
	HMA_NG_VIRGIN X 0.0183 LB/TON + HMA_NG_RAP X 0.0177 < 45000 LB/YR OF NOX EMISSIONS.			ANNUAL MAXIMUM ROLLED MONTHLY
	WHERE:			
	-HMA_NG_VIRGIN - HOT MIX ASPHALT (100% VIRGIN) PRODUCED WHILE BURNING NATURAL GAS IN TONS PER YEAR;			
	0.0183 LB/TON - EMISSION FACTOR FOR NOX FROM 100% VIRGIN ASPHALT PRODUCTION MODE FIRING NATURAL GAS (STACK TEST OF AUG. 2006);			
	-HMA_NG_RAP - HOT MIX ASPHALT (40% RAP) PRODUCED WHILE BURNING NATURAL GAS IN TONS PER YEAR;			
	0.0177 LB/TON - EMISSION FACTOR FOR NOX FROM 40% RAP ASPHALT PRODUCTION MODE FIRING NATURAL GAS (STACK TEST OF AUG. 2006).			

**** No Data

A1

03082010_Governus_DOT_HAM Pr

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit conditions

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Monitored Parameter		Lower Limit	Upper Limit	Activity Type
Cond	Regulated Contaminant	Units		Reporting Frequency
Num	Process Material			Monitoring Frequency
				Averaging Method
6	SULFUR CONTENT **** DISTILLATES - NUMBER 1 AND NUMBER 2 OIL NO PERSON SHALL USE, PURCHASE, SELL, OR OFFER FOR SALE ANY DISTILLATE FUEL OIL WHICH HAS A SULFUR CONTENT GREATER THAN THE LIMIT PRESENTED BELOW. A LOG OF THE SULFUR CONTENT IN OIL PER DELIVERY MUST BE MAINTAINED ON SITE FOR A MINIMUM OF FIVE YEARS AFTER THE DATE OF THE LAST ENTRY.		0.2	WORK PRACTICE INVOLVING SPECIFIC OPERATIONS UPON REQUEST BY REGULATORY AGENCY PER DELIVERY MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR

**** No Data

A2

DOT_P_HAM_000009959

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit conditions

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
	Regulated Contaminant			Reporting Frequency
		Units		Monitoring Frequency
	Process Material			Averaging Method
7	**** **** ****			RECORD KEEPING/MAINTENANCE PROCEDURES UPON REQUEST BY REGULATORY AGENCY AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION ****
	<p>AN OWNER OR OPERATOR OF A FACILITY WHICH PURCHASES AND FIRES COAL AND/OR FUEL OIL SHALL COMPILE AND RETAIN RECORDS OF THE FOLLOWING INFORMATION:</p> <p>A. FUEL ANALYSES AND DATA ON THE QUANTITIES OF ALL RESIDUAL AND DISTILLATE OIL AND COAL RECEIVED, BURNED OR SOLD; B. THE NAMES OF ALL PURCHASERS OF ALL RESIDUAL AND DISTILLATE OIL AND COAL SOLD; C. ANY RESULTS OF STACK SAMPLING, STACK MONITORING AND OTHER PROCEDURES USED TO ENSURE COMPLIANCE WITH THE PROVISIONS OF 6 NYCRR PART 225-1.</p> <p>FUEL ANALYSES MUST CONTAIN, AS A MINIMUM, DATA ON THE SULFUR CONTENT, SPECIFIC GRAVITY AND HEATING VALUE OF ANY RESIDUAL OIL, DISTILLATE OIL OR COAL RECEIVED, BURNED OR SOLD. ASH CONTENT SHALL ALSO BE INCLUDED IN THE FUEL ANALYSES FOR ANY RESIDUAL OIL OR COAL RECEIVED, BURNED OR SOLD.</p> <p>THESE RECORDS SHALL BE RETAINED FOR A MINIMUM PERIOD OF THREE YEARS. IF THE FACILITY IS SUBJECT TO TITLE V REQUIREMENTS THE MINIMUM RECORD RETENTION PERIOD SHALL BE FIVE YEARS. THE RECORDS SHALL BE MADE AVAILABLE FOR INSPECTION BY DEPARTMENT STAFF DURING NORMAL BUSINESS HOURS. IN ADDITION, COPIES OF SUCH RECORDS SHALL BE FURNISHED TO DEPARTMENT STAFF UPON REQUEST. ALL REQUIRED SAMPLING, COMPOSITING AND ANALYSIS OF FUEL SAMPLES MUST BE DONE IN ACCORDANCE WITH METHODS ACCEPTABLE TO THE DEPARTMENT.</p>			

**** No Data

A3

03082010_Governus_DOT_HAM Pr

DOT P HAM 00000960

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit conditions

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
	Regulated Contaminant			Reporting Frequency
	Process Material	Units		Monitoring Frequency
				Averaging Method
8	OPACITY		20	MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE UPON REQUEST BY REGULATORY AGENCY
	****		percent	AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
	****			6-MINUTE AVERAGE (METHOD 9)
<p>NO OWNER OR OPERATOR OF A COMBUSTION INSTALLATION SHALL EMIT GREATER THAN 20 PERCENT OPACITY EXCEPT FOR ONE SIX MINUTE PERIOD PER HOUR, NOT TO EXCEED 27 PERCENT, BASED UPON THE SIX MINUTE AVERAGE IN REFERENCE TEST METHOD 9 IN APPENDIX A OF 40 CFR 60.</p>				

03082010_Gowanus_DOT_HAM Pr

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit conditions

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Activity Type

Monitored Parameter

Reporting Frequency

Cond Regulated Contaminant

Lower Limit

Upper Limit

Monitoring Frequency

Num Process Material

Units

Averaging Method

Emission Unit: 0-02112

13 ****

RECORD KEEPING/MAINTENANCE PROCEDURES

UPON REQUEST BY REGULATORY AGENCY

AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

NO PERSON SHALL CAUSE OR ALLOW EMISSIONS HAVING AN AVERAGE OPACITY DURING ANY SIX CONSECUTIVE MINUTES OF 20 PERCENT OR GREATER FROM ANY PROCESS EMISSION SOURCE, EXCEPT ONLY THE EMISSION OF UNCOMBINED WATER. THE DEPARTMENT RESERVES THE RIGHT TO PERFORM OR REQUIRE THE PERFORMANCE OF A METHOD 9 OPACITY EVALUATION AT ANY TIME DURING FACILITY OPERATION.

THE PERMITTEE WILL CONDUCT OBSERVATIONS OF VISIBLE EMISSIONS FROM THE EMISSION UNIT, PROCESS, ETC. TO WHICH THIS CONDITION APPLIES AT THE MONITORING FREQUENCY STATED BELOW WHILE THE PROCESS IS IN OPERATION. THE PERMITTEE WILL INVESTIGATE, IN A TIMELY MANNER, ANY INSTANCE WHERE THERE IS CAUSE TO BELIEVE THAT VISIBLE EMISSIONS HAVE THE POTENTIAL TO EXCEED THE OPACITY STANDARD.

THE PERMITTEE SHALL INVESTIGATE THE CAUSE, MAKE ANY NECESSARY CORRECTIONS, AND VERIFY THAT THE EXCESS VISIBLE EMISSIONS PROBLEM HAS BEEN CORRECTED. IF VISIBLE EMISSIONS WITH THE POTENTIAL TO EXCEED THE STANDARD CONTINUE, THE PERMITTEE WILL CONDUCT A METHOD 9 ASSESSMENT WITHIN THE NEXT OPERATING DAY OF THE SOURCES ASSOCIATED WITH THE POTENTIAL NONCOMPLIANCE TO DETERMINE THE DEGREE OF OPACITY AND WILL NOTIFY THE NYSDEC IF THE METHOD 9 TEST INDICATES THAT THE OPACITY STANDARD IS NOT MET.

RECORDS OF VISIBLE EMISSIONS OBSERVATIONS (OR ANY FOLLOW-UP METHOD 9 TESTS), INVESTIGATIONS AND CORRECTIVE ACTIONS WILL BE KEPT ON-SITE. SHOULD THE DEPARTMENT DETERMINE THAT PERMITTEE'S RECORD KEEPING FORMAT IS INADEQUATE TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION, IT SHALL PROVIDE WRITTEN NOTICE TO THE PERMITTEE STATING THE INADEQUACIES, AND PERMITTEE SHALL HAVE 90 DAYS TO REVISE ITS PROSPECTIVE RECORD KEEPING FORMAT IN A MANNER ACCEPTABLE TO THE DEPARTMENT.

**** No Data

A5

DOT_P_HAM_00000962

03082010_Gowanus_DOT_HAM Pr

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit conditions

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Monitored Parameter		Lower Limit	Upper Limit	Activity Type
Cond	Regulated Contaminant	Units		Reporting Frequency
Num	Process Material	Units		Monitoring Frequency
Averaging Method				
Emission Unit: 0-02112				
14	OPACITY **** **** STANDARD FOR OPACITY FROM A HOT MIX ASPHALT PLANT.		20	MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE UPON REQUEST BY REGULATORY AGENCY SINGLE OCCURRENCE 6-MINUTE AVERAGE (METHOD 9)
15	PARTICULATES PARTICULATES **** PARTICULATE EMISSIONS LIMITATIONS FOR A HOT MIX ASPHALT PLANT.		0.04	INTERMITTENT EMISSION TESTING UPON REQUEST BY REGULATORY AGENCY SINGLE OCCURRENCE 1-HOUR AVERAGE

**** No Data

A6

DOT_P_HAM_00000963

03082010_Gowanus_DOT_HAM Pt

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE & 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 05/10/2004 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit conditions

Permit Type ASF Status Issued

Compliance Assurance Monitoring

Activity Type

Monitored Parameter

Reporting Frequency

Cond Regulated Contaminant

Lower Limit

Upper Limit

Monitoring Frequency

Num Process Material

Units

Averaging Method

Emission Unit: 0-02112

16	OPACITY PARTICULATES ****		percent	20	MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE UPON REQUEST BY REGULATORY AGENCY AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION 6-MINUTE AVERAGE (METHOD 9)
NO PERSON SHALL CAUSE OR ALLOW EMISSIONS HAVING AN AVERAGE OPACITY DURING ANY SIX CONSECUTIVE MINUTES OF 20 PERCENT OR GREATER. THE DEPARTMENT RESERVES THE RIGHT TO PERFORM OR REQUIRE THE PERFORMANCE OF A METHOD 9 OPACITY EVALUATION					

**** No Data

A7

DOT_P_HAM_00000964

03082010_Gowanus_DOT_HAM Pt

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF FACILITY PERMISSIBLE EMISSIONS.
READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 2610200076 Facility NYC DOT-HAMILTON AVE ASPHALT PLANT

Location 448 HAMILTON AVE 14TH ST BROOKLYN, NY 11232

Permit ID 2-6102-00076/00004 Application Recv'd 01/24/2007 Renewal No: 1 Mod No: 1 Report Only Includes Active Permit Conditions

Permit Type ASF Status Issued

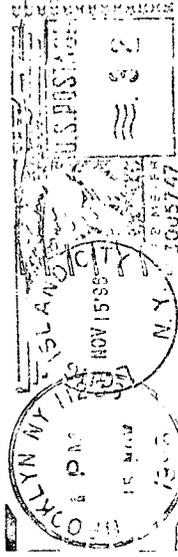
Facility Permissible Emissions

0NY210-00-0 OXIDES OF NITROGEN 45000 pounds per year

DOT_P_HAM_00000965

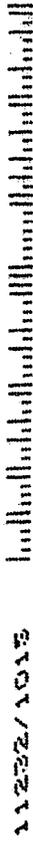


New York State
Department of Environmental Conservation
Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101



Thomas Siand

Director of Asphalt Operations
New York City Dept. of Transport
448 Hamilton Ave.
Bbleyn NY 11232



New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

November 14, 1996

Thomas J. Siano
Director of Asphalt Operations
New York City Department of Transportation
448 Hamilton Avenue
Brooklyn, N.Y. 11232

Re: Changing the Asphalt Production to Virgin Material Mixes Only

Dear Mr. Siano:

This morning I informed you of a serious problem that is being caused in the neighboring streets by the NYCDOT plant at 448 Hamilton Ave., Brooklyn. As I stated, the problem consists of strong acrid odors that the area's residents are noticing both outside and inside their homes. You acknowledged that you have spoken to residents about this problem and indicated you believe the problem is present only when recycled material mixes are added to the asphalt mix produced by the plant. When virgin material mixes are used the odor and the visible plume disappear.

In light of this unresolved problem, you have agreed that starting immediately, the plant will not use recycled materials in its mix for the balance of the month, after which you anticipate a significant reduction in the plant's production level. Please be advised that until the problem is completely resolved, DEC fully expects NYCDOT to refrain from using any recycled materials in its production mix, regardless of production levels. Further, please note that if the exclusion of the recycled materials does not

eliminate the smoking and odor problems which are currently plaguing the plant, shutdown of the operation to allow for full assessment and remediation of the problems will be required. In any event, as we discussed, a complete plant shutdown for maintenance and operation adjustments (ideally performed by the contractor who constructed the plant) is an absolute necessity and should be done at the end of the month.

I am looking forward to our meeting of November 19th and to the development of a permanent solution for your current operational problems.

Sincerely,

A handwritten signature in cursive script, reading "Bert Breitburg". The signature is written in black ink and is positioned above the typed name.

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq., NYSDEC
Robert Elburn, NYSDEC
Afsar Taherzadeh, NYCDOGS (Fax Transmittal)



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-148

September 30, 1996

Mr. John E. Elliot, Esq.
Gencor Industries Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

Re: HWKF-033
Cont.Reg.No. 9568367
Replacement of Asphalt
Equipment at Hamilton Ave
Highway Yard

Dear Mr. Elliot:

As we discussed earlier, you understand the importance of having a meeting with the Department of Design and Construction to review all the outstanding issues regarding Hamilton Avenue Asphalt Plant project.

We would like to meet with you to discuss the following outstanding issues in your contract:

- 1) The relocation of control console to the second floor of control tower. Part of Change Order No. 0004 has to be coordinated with the next DOT shut-down of January, 1997.
- 2) Finalize negotiation for the credit Change Order No. 0009 which was issued to Gencor on March of 1996.

September 30, 1996

-2-

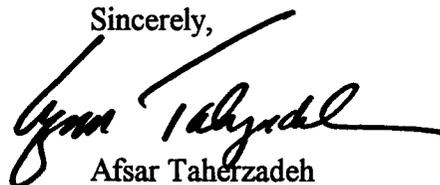
(Cont'd)

- 3) Discussion on the requirement necessary to pass the stack test as per Department of Environmental Conservation regulation.
- 4) DOT's concern over certain adjustment and modification to the Asphalt plant.

Please note that there will be three meetings scheduled during the time you are in New York. The first meeting is with our department reviewing the status of your contract. The second meeting will be with the presence of Department of Environmental Conservation, Department of Transportation and the architect regarding the adjustment and modification necessary to produce satisfactory results for the environmental test. The third meeting is with the presence of Asphalt plant director, Mr. Tom Siano, reviewing some of the request regarding the adjustment of the plant.

Your prompt attention is greatly appreciated.

Sincerely,



Afsar Taherzadeh
Project Director
Transportation Program Unit

D/C
cc: M. Burton , Dept. of Design and Construction
F. D'Arpino, Dept. of Design and Construction
L. Edwards, Dept. of Design and Construction
T. Siano, Dept. of Transportation
T. Osweiler, Gencor Industries, Inc.
B. Eisenberg, David Smotrich & Partners

File

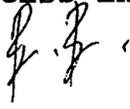
MEETING ROSTER

Subject: NYC DOT Hamilton Ave Date: 11/19/96

<u>NAME</u>	<u>REPRESENTING</u>	<u>PHONE</u>
Laurel Silberfeld	NYSDEC - Legal	718 482 4961
Bert Breitburg	NYSDEC - Air	718 482 4962
Anthony Fasulo	NYC DOT	718-433-3376
Thomas Siano	NYC DOT	718-755-4576
Marjorie Fox	NYC Law Dept	(212) 788-1579
David Finkel	NYC DOT	(212) 492-7730
FRANK D'Arpino	NYC DDC	(718) 391-1061
Atsar Taherzadeh	NYC DDC	(718) 391-1064
TEAR OSEWESLER	OSEWESLER BERS (GENCOR)	974-928-2710
RADCLIFF LEE	NYSDEC - AIR	(718) 482-4944

MAY 9, 1995

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT 448 HAMILTON AVENUE, BROOKLYN

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID. 610000 DOT2 00001. 

1. BY JUNE 15, 1995 SUBMIT TO NYSDEC A PROPOSAL FOR A PROTOCOL TO TEST THE STACK EMISSIONS OF PARTICULATES, VOLATILE ORGANIC COMPOUNDS (VOC), NITROGEN OXIDES (NO_x) AND, CARBON MONOXIDE (CO).
2. WITHIN 30 DAYS OF BEGINNING NORMAL OPERATION BEGIN TESTING THE STACK EMISSIONS OF PARTICULATES, VOC, NO_x AND CO.
3. WITHIN 60 DAYS OF COMPLETION OF THE STACK TEST SUBMIT TO DEC A REPORT OF THE RESULTS OF THE TEST, AND AN APPLICATION FOR A CERTIFICATE OF OPERATION.
4. THE PROPOSED ASPHALT PLANT REPLACES A PLANT THAT WAS DEMOLISHED IN JANUARY 1995.

THE MAXIMUM ANNUAL PRODUCTION CAPACITY OF THE OLD PLANT WAS :
280 TONS/HR x 24HRS/DAY x 365 DAY/YEAR = 2,452,800 T/Y.

THE MAXIMUM ANNUAL PRODUCTION CAPACITY OF THE PROPOSED PLANT IS :
350 x 24 x 365 = 3,066,000 T/Y

THE MAXIMUM ACTUAL ANNUAL PRODUCTION CAPACITY OF THE OLD PLANT WAS:
420,000 TONS/YEAR BASED ON THE AVERAGE ACTUAL ASPHALT PRODUCTION IN 1993 AND 1994

THE MAXIMUM PERMISSIBLE ACTUAL ANNUAL PRODUCTION CAPACITY OF THE PROPOSED PLANT IS 940,000 TONS/YEAR.

5. IF THE NO_x EMISSIONS EXCEED 25 TONS/YEAR, THE CERTIFICATE OF OPERATION APPLICATION MUST CONTAIN A DEMONSTRATION THAT THE NO_x EMISSIONS ARE BEING CONTROLLED DOWN TO AN EMISSION RATE THAT AMOUNTS TO NO_x-RACT AS DEFINED IN PART 212.10.
6. IF THE VOC EMISSIONS EXCEED 25 TONS/YEAR, THE CERTIFICATE OF OPERATION APPLICATION MUST DEMONSTRATE THAT THE VOC EMISSIONS ARE BEING CONTROLLED DOWN TO AN EMISSION RATE THAT AMOUNTS TO RACT AS DEFINED IN PART 212.

7. NYCDOT MUST KEEP RECORDS OF ITS ASPHALT PRODUCTION AND REPORT QUARTERLY TO NYSDEC THE AMOUNT OF ASPHALT OF ASPHALT PRODUCED.

8. THE APPLICANT AGREES TO "CAP-OUT" ITS ANNUAL EMISSION RATES OF ALL THE POLLUTANTS OF CONCERN (PM-10, NO_x, VOC AND CO) TO AMOUNTS SMALLER THAN THOSE EMITTED BY A MAJOR FACILITY. THUS AS A MINOR FACILITY THE PLANT WILL EMIT LESS THAN 25 TONS/YEAR VOC AND NO_x; LESS THAN 50 TONS/YEAR CO AND; LESS THAN 100 TONS/YEAR PM-10. NYCDOT AGREES TO "CAP-OUT" BY LIMITING ITS ASPHALT PRODUCTION TO LESS THAN 940,000 TONS OF ASPHALT PER YEAR.

9. IF THE STACK TEST RESULTS SHOW THAT THE APPLICANT HAS UNDERESTIMATED THE EMISSION RATES OF ONE OR MORE OF THE POLLUTANTS OF CONCERN (NO_x, VOC, CO OR PM-10), THE APPLICANT AGREES TO LOWER ITS ANNUAL PRODUCTION BELOW 940,000 TONS IN ORDER TO MAINTAIN THE MINOR FACILITY STATUS OF THE FACILITY.

S E C T I O N	CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV RATING	EMISSIONS				% CONTROL EFFICACY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
	NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ⁴	PERMISSIBLE
54	Particulates-Feldspar, Quartz, Calcite	55	350	13		0.030	20	5		99.971	25116	7.41	2.371	4	68
69	Volatile Organic Compounds Methane, Formaldehyde, Benzene		350	13		9.66	1	5		90	100	9.66	3.091	4	83
84	Nitrogen Oxides: No, No ₂		350	13		0.189	11	5		28.4	25.8	18.48	5.914	4	98
99	Carbon Monoxide		350	13		0.502 0.10	51	5		0	30.73 106.05	30.73 106.05	9.832 3.394	4 5	113
114															
129															

S E C T I O N	SOLID FUEL			OIL			GAS			APPLICABLE RULE	APPLICABLE RULE
	TYPE	TONS/YR	% S	TYPE	THOUSANDS OF GALLONS / YR	% S	TYPE	THOUSANDS OF CF/YR	BTU/CF		
144							52	195894	1000	212	

Upon completion of construction sign the statement listed below and forward to the appropriate field representative
 THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS

155 SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT _____ DATE _____

156 LOCATION CODE: 61000000T2
 157 FACILITY ID NO.:
 158 UTM (E):
 159 UTM (N):
 160 SIC NUMBER:
 161 DATE APPL RECEIVED: 3/29/95
 162 DATE APPL REVIEWED: 3/9/95
 163 REVIEWED BY: [Signature]

PERMIT TO CONSTRUCT

164 DATE ISSUED: 5/9/95
 165 EXPIRATION DATE: 5/9/95
 166 SIGNATURE OF APPROVAL: _____
 167 FEE: _____

168
 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT
 2. THIS IS NOT A CERTIFICATE TO OPERATE
 3. TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE

RECOMMENDED ACTION RE: C.O.

169 DATE ISSUED: / /
 170 EXPIRATION DATE: / /
 171 SIGNATURE OF APPROVAL: _____
 172 FEE: _____

173
 INSPECTED BY: _____ DATE: _____
 INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM
 ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT
 APPLICATION FOR C.O. DENIED _____ DATE: _____ INITIALED: _____

174. SPECIAL CONDITIONS:
 1. SEE ATTACHED SPECIAL CONDITIONS DATED MAY 9, 95.
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____

03082010_Gowanus_DOT_HAM Pr

OP LOCATION FACILITY EMISSION POINT
A G I 0 0 0 0 0 D O T 2 0 0 0 0 1 1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

WHITE - ORIGINAL
GREEN - DIVISION OF AIR
WHITE - REGIONAL OFFICE
PINK - FIELD REP
YELLOW - APPLICANT



A ADD
C CHANGE
D DELETE

READ INSTRUCTIONS
CONTAINED IN
FORM 76-11-12
BEFORE ANSWERING
ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM
APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

S E C T I O N A	1. NAME OF OWNER/FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co. Inc.			10. TELEPHONE 914-496-1600		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)			
	2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS RD 1 Box 400 Sarah Wells Trail						20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)		
	3. CITY - TOWN - VILLAGE Brooklyn		4. STATE NY	5. ZIP 11323	12. CITY - TOWN - VILLAGE Campbell Hall		13. STATE NY	14. ZIP 10916	21. CITY - TOWN - VILLAGE		22. ZIP	
	6. OWNER CLASSIFICATION E <input type="checkbox"/> STATE H <input type="checkbox"/> HOSPITAL A <input type="checkbox"/> COMMERCIAL C <input type="checkbox"/> UTILITY F <input checked="" type="checkbox"/> MUNICIPAL I <input type="checkbox"/> RESIDENTIAL B <input type="checkbox"/> INDUSTRIAL D <input type="checkbox"/> FEDERAL G <input type="checkbox"/> EDUC. INST. J <input type="checkbox"/> OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION XXXXXXXXXXXXXXXXXXXX Kevin L. Patton		16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 046552 072197		17. TELEPHONE 914-496-1600		23. BUILDING NAME OR NUMBER Hot Mix Asphalt Plant		24. FLOOR NAME OR NUMBER First
	7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations (718)788-4516			8. TELEPHONE		18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT <i>Kevin L. Patton</i>			25. START UP DATE 05 / 95 MO YR		26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392	
							27. PERMIT TO CONSTRUCT A <input type="checkbox"/> NEW SOURCE B <input checked="" type="checkbox"/> MODIFICATION		28. CERTIFICATE TO OPERATE A <input type="checkbox"/> NEW SOURCE C <input type="checkbox"/> EXISTING SOURCE B <input type="checkbox"/> MODIFICATION			

S E C T I O N B	29. EMISSION POINT ID.	30. GROUND ELEVATION (FT)	31. HEIGHT ABOVE STRUCTURES (FT)	32. STACK HEIGHT (FT)	33. INSIDE DIMENSIONS (IN)	34. EXIT TEMP (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE	38. HRS/DAY	39. DAYS/YR	40. % OPERATION BY SEASON Winter Spring Summer Fall		
		9	40	88	54	300	62.46	59961		16	200	05	40	40

S E C T I O N C	41. DESCRIBE PROCESS OR UNIT	1. 'Utraplant' burner, counter flow dryer with primary collector, baghouse	2.
		3.	4.
		5.	6.
		7.	8.

EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
42. 6	43. 10	44. Gencor Inc. Model 350, Model UF-100	45. 3	46. 04 / 95	47. 20
48. 9	49. 08	50. Gencor Inc. Model 132	51. 3	52. 04 / 95	53. 20

CALCULATIONS

See attached sheets.
For questions 54, 69, and 84 the specific contaminants listed are the most common / typical constituents for the general type cited. Additional data is presented in the attached sheets.

DOT_P_HAM_00000975



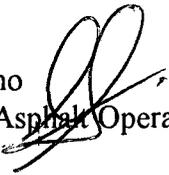
**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel:718/788-4516 /Fax:718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: File

FROM: Thomas Siano 
Director of Asphalt Operations

DATE: February 6, 1996

RE: Stack Test at Hamilton

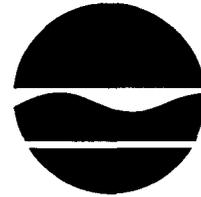
At approximately 8:30 am today I received a phone call from Steve Culmo at Recon, who will be monitoring the stack test for the Hamilton Asphalt Plant. Steve said the test is scheduled for February 16 as per D.G.S., Gencor, and D.E.C. I then received a call from Bert Brietberg (D.E.C.) informing me of the same schedule. I expressed my concerns to Bert about performing the tests in the dead of winter using snow covered, frozen aggregates, let alone perhaps having to throw away the material produced for the test. Bert agreed with me and stated if I wrote him a letter explaining my concerns, he would most likely grant us a 60 day extension on performing the test. However, there appears to be a problem between D.G.S. and Gencor. New York City owes approximately \$700,000 in payments to Gencor for constructing the plant. D.G.S. will not grant Gencor a substantial completion until the stack test is completed. I notified both Bob Murphy and Commissioner Foulke of the situation today. I am concerned that if a payment is not made shortly, word has it that parts for our new plant may be hard to come by. Also, if we have the test as planned on the 16th, and fail, what kind of restrictions would D.E.C. impose on our operations? Penalties to Gencor are one thing, but an order to shut down the facility (a potential outcome) would have disastrous results for the City of New York. The new asphalt supply contracts are slated to begin April 1. Although Grace Asphalt and Plaza Material Corp. opted to extend their 1995 contracts, both are down for winter maintenance. Their start up dates are still uncertain, however we do know it will not be prior to March 1. With the height of the pothole season still ahead, and the resurfacing season due to begin in March, we may very well be the only game in town in February. An order to shut or a lack of replacement parts to make all necessary repairs may make it virtually impossible for some boroughs to repair any conditions larger than potholes on short notice.

I did recommend to Bob, after my conversation with B/C Foulke, that D.G.S. may want to consider making a payment to Gencor while retaining enough money in reserve to cover any problems encountered with the stack test, (retesting or plant modifications), along with problems that may hinder our plant from attaining its goal of using 50% recycled asphalt in the mix at 350 ton per hour, and release the rest.

Bob informed me that he is scheduled to meet with D.G.S. on Wednesday February 7th, where he will discuss these issues and hopefully resolve them.

cc: B/C Foulke, B. Murphy

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

May 1, 1996

Ms. Afsar Taherzadeh
Transportation Program Unit
New York City Department of General Services
1 Center Street, 15th Floor
New York, N.Y. 10007

Re: 1) NYCDOT Hamilton Avenue Asphalt Plant, Brooklyn
2) Air Emission Standard Compliance Stack Test of 4/17,18&19,96.

Dear Ms. Taherzadeh:

Engineers from our office have witnessed the referenced stack test. Our witnesses' reports indicate that the asphalt plant's emissions were tested only for particulate matter. The **Special Conditions** of your Permit to construct that was issued by our office require that the VOC, CO and No_x stack emissions be tested as well. We cannot issue a Certificate of Operation for the referenced plant until all required stack tests are performed and NYCDOT demonstrates compliance with the State Air emission standards.

As of now the plant is being operated in violation of Part 201 of 6NYCRR, which requires that all air pollution sources in New York State have a valid Certificate of Operation issued by NYSDEC. Please reschedule a complete stack test for a date no latter than June 15, 1996.

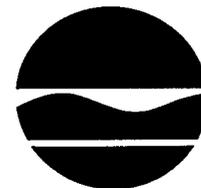
Should you have any questions feel free to call me at (718) 482-4862.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC
Tom Siano, NYCDOT ✓

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

June 11, 1996

Ms. Afsar Taherzadeh
Transportation Program Unit
New York City Department of General Services
1 Center Street, 15th Floor
New York, N.Y. 10007

Re: 1) NYCDOT Hamilton Avenue Asphalt Plant, Brooklyn
2) NYSDEC Letter of May 1, 1996 to NYCDOT.

Dear Ms. Taherzadeh:

Our letter of May 1, 1996 requested NYCDOT to complete by June 15, 1996 a stack test of the Hamilton Avenue Plant in accordance to your DEC approved test protocol. You have schedule the test for June 19, 1996 and tentatively for June 21, 1996. However because of scheduling problems relating to asphalt production and to AIRRECON you had to cancel the above-noted test. On June 10th during our phone conference that was joined by Mr. Bill Eisenberg, P.E., we agreed to reschedule the test for the week of July 8th or the week of July 15th. You agreed to contact me and provide at least two sets of dates when NYCDOT can conduct the test. I will then consult with DEC staff and give you the dates when we are available to witness the test.

We cannot issue a Certificate of Operation for the referenced plant until all required stack tests are performed and NYCDOT demonstrates compliance with the State Air emission standards.

As of now the plant is being operated in violation of Part 201 of 6NYCRR, which requires that all air pollution sources in New York State have a valid Certificate of Operation issued by NYSDEC. Please provide the proposed test dates by July 1, 1996.

Should you have any questions feel free to call me at (718) 482-4862.

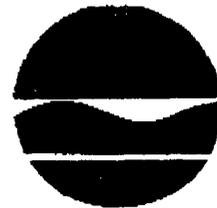
Sincerely,

A handwritten signature in cursive script that reads "Bert Breitburg". The signature is written in black ink and is positioned above the printed name.

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC
Tom Siano, NYCDOT

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, NY 11101
Tel: 718-482-4944 FAX: 718-482-4874



Michael Zagata
Commissioner

FAX TRANSMITTAL FROM Bert Breitburg

TO: Thomas J. Siano

FAX NO: (718) 965-2930

DATE: NOV. 14, 96

TIME: 3:30 PM

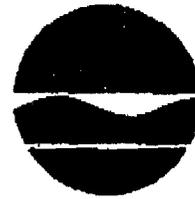
PAGES: 1 (PLUS COVER)

MESSAGE:

Attached please find a
letter that summarizes our conversation
of earlier in the day.

CC:

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

November 14, 1996

Thomas J. Siano
Director of Asphalt Operations
New York City Department of Transportation
448 Hamilton Avenue
Brooklyn, N.Y. 11232

Re: Changing the Asphalt Production to Virgin Material Mixes Only

Dear Mr. Siano:

This morning I informed you of a serious problem that is being caused in the neighboring streets by the NYCDOT plant at 448 Hamilton Ave., Brooklyn. As I stated, the problem consists of strong acrid odors that the area's residents are noticing both outside and inside their homes. You acknowledged that you have spoken to residents about this problem and indicated you believe the problem is present only when recycled material mixes are added to the asphalt mix produced by the plant. When virgin material mixes are used the odor and the visible plume disappear.

In light of this unresolved problem, you have agreed that starting immediately, the plant will not use recycled materials in its mix for the balance of the month, after which you anticipate a significant reduction in the plant's production level. Please be advised that until the problem is completely resolved, DEC fully expects NYCDOT to refrain from using any recycled materials in its production mix, regardless of production levels. Further, please note that if the exclusion of the recycled materials does not

eliminate the smoking and odor problems which are currently plaguing the plant, shutdown of the operation to allow for full assessment and remediation of the problems will be required. In any event, as we discussed, a complete plant shutdown for maintenance and operation adjustments (ideally performed by the contractor who constructed the plant) is an absolute necessity and should be done at the end of the month.

I am looking forward to our meeting of November 19th and to the development of a permanent solution for your current operational problems.

Sincerely,



Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq., NYSDEC
Robert Elburn, NYSDEC
Afsar Taherzadeh, NYCDOGS (Fax Transmittal)



**DEPARTMENT OF GENERAL SERVICES
DIVISION OF DESIGN AND CONSTRUCTION SERVICES**

MUNICIPAL BUILDING, 16th Floor
NEW YORK, N.Y. 10007
(212) 669-7222 Fax (212) 669-2795

WILLIAM J. DIAMOND
Commissioner

PATRICIA J. LANCASTER
Deputy Commissioner

August 16, 1995

Gencor Industries Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

Re: HWKF-033
Replacement of Asphalt Mixing
Drum and all associated equipment
at Hamilton Ave. Highway Yard
Contract Registration # 9568367

Attention: Mr. Mitchell Clark

Dear Mr. Clark:

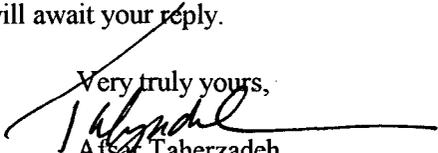
We have extended the original completion of the above-mentioned contract from May 18, 1995 to August 1, 1995. We are seeing lack of attention to this project for the last three weeks. Even though the plant is running well with the virgin aggregate material, we still yet to see how the Rap system is going to function. The following items are outstanding problems at the plant:

1. The Rap bin has not been calibrated and tested. The plant should be designed to be able to use 50%-60% recycled material.
2. In areas where there is a drop on the conveyer belts, aggregate materials being spilled from the conveyer belts to the ground. This is taking tremendous amounts of time and money for DOT Asphalt plant staff to clean up these piles of aggregates.

Gencor must attend to these problems as soon as possible. We are holding Gencor responsible for any delays in accomplishing the above tasks. A substantial completion cannot be granted until these problems are resolved.

I would appreciate your prompt attention regarding this matter, and will await your reply.

Very truly yours,


Alsa Taherzadeh

Project Director

Transportation program unit

cc: Reza Zeynali
Maria DiNatale
Bill Eisenberg
Terry Osweiler
Tom Siano
Dave Sterman



**DEPARTMENT OF GENERAL SERVICES
DIVISION OF DESIGN AND CONSTRUCTION SERVICES**

MUNICIPAL BUILDING, 16th Floor
NEW YORK, N.Y. 10007
(212) 669-7222 Fax (212) 669-2795

WILLIAM J. DIAMOND
Commissioner

PATRICIA J. LANCASTER
Deputy Commissioner

August 22, 1995

Mr. Bert Breitburg, P.E.
N.Y.S. Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, N.Y. 11101

RE: Hamilton Avenue Asphalt Plant,
Stack test protocol proposal,
HWKF-033,
Contract Registration #9568367

Dear Mr. Breitburg:

I have received a copy of your letter dated August 15, 1995 to Mr. Terry Osweiler regarding the above-mentioned contract. In it, you are requesting a stack test protocol proposal to test the NO, VOC., CO and particulate emissions that emanate from the stack.

Currently the plant is running since July 31, 1995, using virgin aggregate materials. The calibration of recycled asphalt material is scheduled to be completed by the end of the month. Following our conversation of August 22, 1995, the plant should be in full operation using recycled asphalt material before a stack test can be performed.

We have received two proposals from respective testing companies and are reviewing them. As soon as an agreement is reached, we will forward you the protocol for your review.

I appreciate your consideration on this matter. Please contact me if there is any additional concern.

Sincerely,

Afsar Taherzadeh
Project Director
Transportation Program Unit

cc: Maria DiNatale
Albert Moy
Bill Eisenberg
Tom Siano
File

STACK TEST WFO

03082010_Gowanus_DOT_HAM.P

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES WHITE - ORIGINAL GREEN - DIVISION OF AIR WHITE - REGIONAL OFFICE PINK - FIELD REP YELLOW - APPLICANT



OP LOCATION FACILITY EMISSION POINT 61 00 00 DOT 2 0 0 0 1 I

A ADD C CHANGE D DELETE READ INSTRUCTIONS CONTAINED IN FORM 76-11-12 BEFORE ANSWERING ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

Form with fields for owner/firm, authorized agent, facility name, address, city, state, zip, owner classification, and signature.

Table with 12 columns: Emission Point ID, Ground Elevation, Height Above Structures, Stack Height, Inside Dimensions, Exit Temp, Exit Velocity, Exit Flow Rate, Source Code, Hrs/Day, Days/Yr, % Operation by Season.

Section 41: Describe Process or Unit. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse.

Table with 7 columns: Emission Control Equipment I.D., Control Type, Manufacturer's Name and Model Number, Disposal Method, Date Installed, Useful Life.

CALCULATIONS See Attached Sheets. For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited. The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO emissions, as described in the attached letter.

DOT P HAM 00000987

03082010_Gowanus_DOT_HAM.P

S E C T O R I A L	CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS				% CONTROL EFFICACY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
	NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ^x	PERMISSIBLE
54.	Particulates-Feldspar, Quartz, Calcite	55. NY 0 7 5 - 0 0 - 0	56. 350	57. 13	58.	59. 0.030	60. 20	61. 1	62.	63. 99.971	64. 25116	65. 7.41	66. 1.112	67. 4	68.
69.	Volatile Organic Compounds	70. NY 9 9 8 - 0 0 - 0	71. 350	72. 13	73.	74. 17.29	75. 1	76. 1	77.	78. 82.7	79. 100	80. 17.29	81. 5.533	82. 4	83.
84.	Nitrogen, Oxides: No, No2	85. NY 2 1 0 - 0 0 - 0	86. 350	87. 13	88.	89. 0.189	90. 11	91. 1	92.	93. 28.4	94. 25.8	95. 18.48	96. 2.772	97. 4	98.
99.	Carbon Monoxide	100. 0 0 0 6 3 - 0 8 - 0	101. 350	102. 13	103.	104. 1.078	105. 51	106. 3	107.	108. 0	109. 66.0	110. 66.0	111. 9.900	112. 4	113.
114.		115.	116.	117.	118.	119.	120.	121.	122.	123.	124.	125.	126.	127.	128.
129.		130.	131.	132.	133.	134.	135.	136.	137.	138.	139.	140.	141.	142.	143.

S E C T O R I A L	SOLID FUEL TONS/YR			OIL THOUSANDS OF GALLONS / YR			GAS THOUSANDS OF CF/YR			BTU/CF	APPLICABLE RULE	APPLICABLE RULE
	TYPE	145	%S	TYPE	148.	%S	TYPE	151.	152.			
144.			146.			149.	52	195894	1000	153. 212	154.	

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT: *Kevin J. [Signature]* DATE: 2/28/97

156 LOCATION CODE	157 FACILITY ID. NO.	158 U.T.M (E)	159 U.T.M. (N)	160 SIC NUMBER	161. DATE APPL. RECEIVED	162. DATE APPL. REVIEWED	163. REVIEWED BY:
610000DOT	25846	5024	1752		/ /	09/14/98	Meen George

PERMIT TO CONSTRUCT			
164 DATE ISSUED	165 EXPIRATION DATE	166 SIGNATURE OF APPROVAL	167 FEE
/ /	/ /	[Signature]	

168

- DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT
- THIS IS NOT A CERTIFICATE TO OPERATE
- TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE

RECOMMENDED ACTION RE: C.O.			
169 DATE ISSUED	170 EXPIRATION DATE	171 SIGNATURE OF APPROVAL	172 FEE
5/11/99	5/11/04	[Signature]	

173.

- INSPECTED BY _____ DATE _____
- INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT, CHANGES INDICATED ON FORM
- ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT
- APPLICATION FOR C.O. DENIED _____ DATE _____ INITIALED _____

174. SPECIAL CONDITIONS:

1. SEE SPECIAL CONDITIONS DATED	2. SEPT 14, 98 ATTACHED
3.	4.
5.	6.
7.	8.

DOT_P_HAM_00000988

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVENUE, BROOKLYN
SEPTEMBER 14, 1998

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID: 610000DOT2 00001

EMISSION LIMITS

1. This emission source is subject to 6NYCRR Part 212 and federal New Source Performance Standards for Asphalt Plants under 40CFR60 Subpart I.
2. The facility wide emissions of Nitrogen Oxides (NO_x) shall be limited to 24.9 tons based on a 12 month period rolled monthly.
3. The facility wide emission of Volatile organic compounds (VOC) shall be limited to 24.9 tons based on a 12-month period rolled monthly.
4. Production of asphalt at this facility shall not exceed 525,000 tons in any consecutive twelve (12) month period.
5. Particulate matter emissions shall not exceed 0.04 grains per dry standard cubic foot.
6. Emissions from this source shall not exceed twenty (20) percent opacity over any consecutive six (6) minute average.
7. The Permittee shall not cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. This emission limit applies, but not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in a combination with others.

MONITORING AND RECORD KEEPING

8. The Permittee shall develop and establish an acceptable Operating and Maintenance plan including an 'Operation & Maintenance Manual. This plan shall be submitted to NYSDEC within two months of issuance of the permit. This plan shall include, but not be limited to, the following:
 - a. A description of the process including controls
 - b. Operating, Reporting and record keeping procedures
 - c. Schedule and items for maintenance
 - d. Training procedures
 - e. The name and title of operating personnel and their qualifications (e.g., licences, certificates education, training course completed)

9. The following data shall be recorded in a log maintained on site:
- Daily hours of Plant operation
 - Asphalt production in tons per day
 - Monthly total of asphalt production
 - Annual total, rolled on a monthly basis to reflect previous twelve consecutive months.
 - VOC, CO, NO_x emissions for the month and the previous 12 consecutive months.
 - Temperature, Pressure drops for the bag house
10. Recycled glass shall not be used in the mix .

NOTIFICATIONS AND REPORTING

11. Permittee shall keep records of its asphalt production and report to New York State Department of Environmental Conservation at the end of each month, the amounts of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years and must be made available for review upon request by a NYSDEC representative.
12. The Department must be notified as soon as possible during normal working hours, but in any event not later than two working days after becoming aware of any malfunction or any operational problem which causes exceedence of any emission limit or other standard.

DETACH

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NYSDEC REGION 2 HEADQUARTERS

DEC Contact: ELIZABETH A CLARKE
Batch Id: 933659
Application Id: 2-6102-00076/00004
Owner Id: 19237
Date Received: 05/10/2004
Date Incomplete: 06/28/2004
Application Type: REN
Applicant Name: NYC DEPT OF TRANSPORTATION
Facility name: NYC DOT-HAMILTON AVE ASPHALT PLANT
Project Desc: permit renewal
Information Due On Or Before: 7-30-04

PLEASE ATTACH THIS HALF SO IT IS DISPLAYED PROMINENTLY ON YOUR RESUBMISSION

RETURN THIS PART !

RETURN THIS HALF OF THIS FORM WHEN PROVIDING
THE INFORMATION REQUESTED ON THE ACCOMPANYING

NOTICE OF INCOMPLETE APPLICATION.



**New York City
Department of Transportation**

Roadway Repair & Maintenance
Technical Services
59 Maiden Lane - 37th Floor
New York City, New York 10038
Tel: (212) 487- 8430
Fax: (212) 487- 8446

Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

July 28, 2004

VIA OVERNIGHT MAIL

Elizabeth A. Clarke
New York State Department of Environmental Conservation
47-40 21st Street
One Hunters Point Plaza
Long Island City, NY 11101

RE: Hamilton Avenue Asphalt Plant State Air Facility Permit Application
ID # 2-6102-00076/00004

Dear Ms. Clarke,

Enclosed, please find one original and one copy of the State Air Facility permit renewal application for the NYC DOT Hamilton Avenue Asphalt Plant. This additional submittal is in response to the Notice of Incomplete Application, also enclosed, and includes the information requested.

Included in the application is a copy of the current Certificate to Operate the Hamilton Avenue Plant.

Please contact me should you require any additional information concerning this application.

Thank you for your assistance in this matter.

Sincerely,

Galileo Orlando
Director,
Technical Services

Enclosures

cc: Heather Belovin (NYC DOT)
Thomas Siano (NYC DOT)

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
6-1000-08072

APPLICATION ID
2-6102-00076100007

OFFICE USE ONLY

Section I - Certification

Title V Certification	
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information (required pursuant to 6 NYCRR 201-6.3(d)), I believe the information is, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.	
Responsible Official	Title
Signature	Date

State Facility Certification	
I certify that this facility will be operated in conformance with all provisions of existing regulations.	
Responsible Official	Title
Signature	Date

Section II - Identification Information

<input type="checkbox"/> Title V Facility Permit <input type="checkbox"/> New <input type="checkbox"/> Significant Modification <input type="checkbox"/> Renewal <input type="checkbox"/> Minor Modification	<input type="checkbox"/> Administrative Amendment General Permit Title:	<input type="checkbox"/> State Facility Permit <input type="checkbox"/> New <input type="checkbox"/> Modification General Permit Title:
<input type="checkbox"/> Application involves construction of new facility		<input type="checkbox"/> Application involves construction of new emission unit(s)

Owner/Firm			
Name			
Street Address			
City	State	Country	Zip
Owner Classification	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Corporation/Partnership <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Individual		Taxpayer ID
Facility			
Name			
Location Address			
City	Town / Village	Zip	
Project Description			
• Continuation Sheet(s) HOT MIX ASPHALT PLANT			

Owner/Firm Contact Mailing Address			
Name (Last, First, Middle Initial)		Phone No.	
Affiliation		Title	
Street Address			
City	State	Country	Zip
Facility Contact Mailing Address			
Name (Last, First, Middle Initial)		Phone No.	
Affiliation		Title	
Street Address			
City	State	Country	Zip

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
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Section III - Facility Information

Classification					
• Hospital	• Residential	• Educational/Institutional	• Commercial	• <u>Industrial</u>	• Utility

Affected States (Title V Only)					
• Vermont	• Massachusetts	• Rhode Island	• Pennsylvania	Tribal Land: _____	
• New Hampshire	• Connecticut	• New Jersey	• Ohio	Tribal Land: _____	

SIC Codes									
2951									

Facility Description	
SEE CONTINUATION SHEET	
• Continuation Sheet(s)	

Compliance Statements (Title V Only)	
<p>I certify that as of the date of this application the facility is in compliance with all applicable requirements: • YES • NO</p> <p>If one or more emission units at the facility are not in compliance with all applicable requirements at the time of signing this application (the 'NO' box must be checked), the noncomplying units must be identified in the "Compliance Plan" block on page 8 of this form along with the compliance plan information required. For all emission units at this facility that are operating <u>in compliance</u> with all applicable requirements complete the following:</p> <ul style="list-style-type: none"> • This facility will continue to be operated and maintained in such a manner as to assure compliance for the duration of the permit, except those units referenced in the compliance plan portion of Section IV of this application. • For all emission units, subject to any applicable requirements that will become effective during the term of the permit, this facility will meet all such requirements on a timely basis. • Compliance certification reports will be submitted at least once a year. Each report will certify compliance status with respect to each requirement, and the method used to determine the status. 	

Facility Applicable Federal Requirements									• Continuation Sheet(s)
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

Facility State Only Requirements									• Continuation Sheet(s)
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	201	5						
		201	3						
		212							



DEC ID
6-1000-100072

Section II - Identification Information

Project Description (continuation)

THIS IS A MUNICIPALLY OPERATED FACILITY PRODUCING HOT MIX ASPHALT UTILIZING A DRUM TYPE DESIGN. THE DESIGN INCORPORATES AN ULTRADIANT MATERIAL GAS FIRED BURNER WITH A COUNTER FLOW DRYER SECTION. THE PRIMARY COLLECTOR IS A BAGHOUSE WITH A CYCLONE SEPARATOR AS A PRELIMINARY. FINISHED MATERIAL IS DISPOSED THROUGH S/D'S.

New York State Department of Environmental Conservation
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Section III - Facility Information (continued)

Facility Compliance Certification										Continuation Sheet(s)
Rule Citation										
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause	
6	NYCRR	212								
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping		CAS No.		Contaminant Name				
				NY99B-00-0		VOC				
Monitoring Information										
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Work Practice Involving Specific Operations			<input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures				
Description										
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description								
		Parameter				Manufacturer Name/Model No.				
Code		Description								
Limit			Limit Units							
Upper		Lower		Code	Description					
12.97				30						
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
17			05			10				

Facility Emissions Summary					Continuation Sheet(s)
CAS No.	Contaminant Name	PTE		Actual (lbs/yr)	
		(lbs/yr)	Range Code		
NY075 - 00 - 5	PM-10				
NY075 - 00 - 0	PARTICULATES	23,712	C	11,115	
7446 - 09 - 5	SULFUR DIOXIDE				
NY210 - 00 - 0	OXIDES OF NITROGEN	59,136	D	27,720	
630 - 08 - 0	CARBON MONOXIDE	211,200	G	99,000	
7439 - 92 - 1	LEAD				
NY998 - 00 - 0	VOC				
NY100 - 00 - 0	HAP	55,328	D	25,940	
-	-				
-	-				
-	-				
-	-				

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Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping	CAS No.			Contaminant Name			
			NY210-00-0			OXIDES OF NITROGEN			
Monitoring Information									
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Work Practice Involving Specific Operations			<input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures			
Description									
OBSERVE RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION DAILY MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
Parameter		Manufacturer Name/Model No.							
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
13.86		3B							
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
17		05		10					
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping	CAS No.			Contaminant Name			
			NY075-00-0			PM			
Monitoring Information									
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Work Practice Involving Specific Operations			<input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures			
Description									
OBSERVE, RECORD & MAINTAIN TEMPERATURE & PRESSURE DROP AT BAGHOUSE. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
Parameter		Manufacturer Name/Model No.							
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
5.56		3B							
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
17		05		10					

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Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCR2	312							
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping	CAS No.		Contaminant Name				
			630-06-0		CARBON MONOXIDE				
Monitoring Information									
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Work Practice Involving Specific Operations			<input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures				
Description									
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION, DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code		Description							
Limit		Limit Units							
Upper	Lower	Code	Description						
49.5		38							
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description		Code	Description		Code	Description		
17			05			10			
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
<input type="checkbox"/> Applicable Federal Requirement <input type="checkbox"/> State Only Requirement		<input type="checkbox"/> Capping	CAS No.		Contaminant Name				
Monitoring Information									
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Work Practice Involving Specific Operations			<input type="checkbox"/> Record Keeping/Maintenance Procedures				
Description									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code		Description							
Limit		Limit Units							
Upper	Lower	Code	Description						
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description		Code	Description		Code	Description		

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Section IV - Emission Unit Information

Emission Unit Description		Continuation Sheet(s)
EMISSION UNIT	- 2112	
STACK EXHAUST COMBINING FIVE FROM GAS BURNER, DRYER, PRIMARY COLLECTOR OPERATIONS AS WELL AS EXHAUST FROM CYCLONE SEPARATOR.		

Building					Continuation Sheet(s)
Building	Building Name	Length (ft)	Width (ft)	Orientation	
	DRUM AREA				

Emission Point							Continuation Sheet(s)
EMISSION PT.	0000E						
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
4	88	40	54	300			
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
62.46	59961						
EMISSION PT.							
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	

Emission Source/Control								Continuation Sheet(s)
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.	
ID	Type				Code	Description		
8	I	5/95					DRUM	
Design Capacity	Design Capacity Units			Waste Feed		Waste Type		
	Code	Description	Code	Description	Code	Description		
350	9							
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.	
ID	Type				Code	Description		
Design Capacity	Design Capacity Units			Waste Feed		Waste Type		
	Code	Description	Code	Description	Code	Description		

New York State Department of Environmental Conservation
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Section IV - Emission Unit Information (continued)

Process Information										Continuation Sheet(s)	
EMISSION UNIT								PROCESS			
- 2112										3	
Description											
DRYING, HEATING & MIXING OF AGGREGATES & ASPHALT CEMENT TO FORM HOT MIX ASPHALT IN DRUM PLANT CONFIGURATION. HEAT IS PROVIDED BY A NATURAL GAS FIRED BURNER INTEGRAL TO THE DRUM AND RATED AT 100,000,000 BTU'S.											
Source Classification Code (SCC)			Total Thruput			Thruput Quantity Units					
			Quantity/Hr	Quantity/Yr	Code	Description					
<ul style="list-style-type: none"> • Confidential • Operating at Maximum Capacity • Activity with Insignificant Emissions 			Operating Schedule			Building	Floor/Location				
			Hrs/Day	Days/Yr							
			7.5	200							
Emission Source/Control Identifier(s)											
2112											
EMISSION UNIT								PROCESS			
Description											
Source Classification Code (SCC)			Total Thruput			Thruput Quantity Units					
			Quantity/Hr	Quantity/Yr	Code	Description					
<ul style="list-style-type: none"> • Confidential • Operating at Maximum Capacity • Activity with Insignificant Emissions 			Operating Schedule			Building	Floor/Location				
			Hrs/Day	Days/Yr							
Emission Source/Control Identifier(s)											

New York State Department of Environmental Conservation
Air Permit Application



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Section IV - Emission Unit Information (continued)

Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirements									Continuation Sheet(s)
				Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	
-													
-													
-													
-													

Emission Unit	Emission Point	Process	Emission Source	Emission Unit State Only Requirements									Continuation Sheet(s)
				Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	
- 212	8	3											
-													
-													
-													

Emission Unit Compliance Certification										Continuation Sheet(s)
Rule Citation										
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause	
6	NYCRR	212								
• Applicable Federal Requirement			• State Only Requirement			• Capping				
Emission Unit	Emission Point	Process	Emission Source	CAS No.			Contaminant Name			
- 212	8	3		NY210-00-0			OXIDES OF NITROGEN			
Monitoring Information										
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 				<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations Record Keeping/Maintenance Procedures 						
Description										
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION; ASPHALT PRODUCED DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description								
Parameter		Description				Manufacturer Name/Model No.				
Code	Description									
Limit				Limit Units						
Upper	Lower	Code		Description						
13.86		38								
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
17			05			10				

New York State Department of Environmental Conservation
Air Permit Application



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6-1000-00072

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
- 212	8	3		HY996-00-0		VOC'S			
Monitoring Information									
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 				<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations <u>Record Keeping/Maintenance Procedures</u> 					
Description									
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION; ASPHALT PRODUCED DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
Parameter		Manufacturer Name/Model No.							
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
12.97		34							
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
17		05		10					
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
- 212	8	3		NY075-00-0		PM			
Monitoring Information									
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 				<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations <u>Record Keeping/Maintenance Procedures</u> 					
Description									
OBSERVE & RECORD & MAINTAIN TEMPERATURE & PRESSURE PROP AT BAKHOUSE. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
Parameter		Manufacturer Name/Model No.							
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
5.56		54							
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
17		05		10					

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Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
- 212	8	3		630 - 09 - 0		CARBON MONOXIDE			
Monitoring Information									
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 			<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations Record Keeping/Maintenance Procedures 						
Description									
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION; ASPHALT PRODUCED DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATIONS & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
Parameter		Manufacturer Name/Model No.							
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
49.5		3B							
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
17		05		1D					
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
Monitoring Information									
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 			<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations Record Keeping/Maintenance Procedures 						
Description									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
Parameter		Manufacturer Name/Model No.							
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				

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Section IV - Emission Unit Information (continued)

Determination of Non-Applicability (Title V Only)										Continuation Sheet(s)				
Rule Citation														
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause					
Emission Unit	Emission Point	Process	Emission Source			<ul style="list-style-type: none"> • Applicable Federal Requirement • State Only Requirement 								
Description														
Rule Citation														
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause					
Emission Unit	Emission Point	Process	Emission Source			<ul style="list-style-type: none"> • Applicable Federal Requirement • State Only Requirement 								
Description														
Process Emissions Summary										Continuation Sheet(s)				
EMISSION UNIT	-	2	1	1	2						PROCESS			3
CAS No.	Contaminant Name				% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
NY075-00-0	PM				0.001		99.971	25551	09					
PTE			Standard Units	PTE How Determined	Actual									
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)								
23712				09	7.41	11,115								
EMISSION UNIT	-	2	1	1	2						PROCESS			3
CAS No.	Contaminant Name				% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
NY996-00-0	VOC				0.002		82.7	100	09					
PTE			Standard Units	PTE How Determined	Actual									
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)								
55,328				09	17.29	25,940								
EMISSION UNIT	-	2	1	1	2						PROCESS			3
CAS No.	Contaminant Name				% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
NY210-00-0	OXIDES OF NITROGEN				0.003		28.4	25.81	09					
PTE			Standard Units	PTE How Determined	Actual									
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)								
59,136				09	16.48	27,720								

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Section IV - Emission Unit Information

Process Emissions Summary (continuation)										
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name					% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
-	2	1	1	2						3
680-08-0	CARBON MONOXIDE					0.009		0	66.0	09
PTE					Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)	(standard units)		(lbs/hr)			(lbs/yr)			
	211,200				09	66.0	99,000			
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name					% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
-										
PTE					Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)	(standard units)		(lbs/hr)			(lbs/yr)			
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name					% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
-										
PTE					Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)	(standard units)		(lbs/hr)			(lbs/yr)			
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name					% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
-										
PTE					Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)	(standard units)		(lbs/hr)			(lbs/yr)			
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name					% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
-										
PTE					Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)	(standard units)		(lbs/hr)			(lbs/yr)			

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6	-	1	0	0	0	-	0	2	0	7

Section IV - Emission Unit Information (continued)

EMISSION UNIT		Emission Unit Emissions Summary				Continuation Sheet(s)
- 2112						
CAS No.		Contaminant Name				
NY075-00-0		PM				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
38,326,500	7.41	23,712	7.41	11,115		
CAS No.		Contaminant Name				
NY998-00-0		VOC				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
150,000	17.29	55,328	17.29	25,940		
CAS No.		Contaminant Name				
NY210-00-0		OXIDES OF NITROGEN				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
38,715	18.48	59,136	18.48	27,720		
CAS No.		Contaminant Name				
630-08-0		CARBON MONOXIDE				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
99,000	66.0	211,200	66.0	99,000		

Compliance Plan													Continuation Sheet(s)
For any emission units which are <u>not in compliance</u> at the time of permit application, the applicant shall complete the following													
Consent Order			Certified progress reports are to be submitted every 6 months beginning <u> </u> / <u> </u> / <u> </u>										
Emission Unit	Process	Emission Source	Applicable Federal Requirement										Date Scheduled
			Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause	
Remedial Measure / Intermediate Milestones											R/I	Date Scheduled	

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Section IV - Emission Unit Information (continued)

Request for Emission Reduction Credits						• Continuation Sheet(s)					
EMISSION UNIT											
Emission Reduction Description											
Contaminant Emission Reduction Data											
Baseline Period						Reduction					
						Date		Method			
CAS No.			Contaminant Name			ERC (lbs/yr)					
						Netting			Offset		
Facility to Use Future Reduction											
Name						APPLICATION ID					
Location Address											
• City / • Town / • Village						State			Zip		

Use of Emission Reduction Credits						• Continuation Sheet(s)					
EMISSION UNIT											
Proposed Project Description											
Contaminant Emissions Increase Data											
CAS No.			Contaminant Name			PEP (lbs/yr)					
Statement of Compliance											
<p>* All facilities under the ownership of this "ownership/firm" are operating in compliance with all applicable requirements and state regulations including any compliance certification requirements under Section 114(a)(3) of the Clean Air Act Amendments of 1990, or are meeting the schedule of a consent order.</p>											
Source of Emission Reduction Credit - Facility											
Name						PERMIT ID					
Location Address											
• City / • Town / • Village						State			Zip		
Emission Unit		CAS No.†		Contaminant Name		ERC (lbs/yr)					
						Netting			Offset		



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Supporting Documentation

- P.E. Certification (form attached)
- List of Exempt Activities (form attached)
- Plot Plan
- Methods Used to Determine Compliance (form attached)
- Calculations
- Air Quality Model (___ / ___ / ___)
- Confidentiality Justification
- Ambient Air Monitoring Plan (___ / ___ / ___)
- Stack Test Protocols/Reports (___ / ___ / ___)
- Continuous Emissions Monitoring Plans/QA/QC (___ / ___ / ___)
- MACT Demonstration (___ / ___ / ___)
- Operational Flexibility: Description of Alternative Operating Scenarios and Protocols
- Title IV: Application/Registration
- ERC Quantification (form attached)
- Use of ERC(s) (form attached)
- Baseline Period Demonstration
- Analysis of Contemporaneous Emission Increase/Decrease
- LAER Demonstration (___ / ___ / ___)
- BACT Demonstration (___ / ___ / ___)
- Other Document(s):
 - LIST OF TRIVIAL ACTIVITIES* (1 / 1)
 - COPY OF EXPIRING PERMIT* (1 / 1)
 - LETTER FROM MANUFACTURER* (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)
 - (1 / 1)

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Air Permit Application



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List of Exempt Activities (from NYCRR Part 201)

Instructions for Completing Table			
<p>Applicants for Title V permits are required to provide a list of exempt activities in the application form. This includes all process or production units and other emission generating activities which are considered exempt as defined by 6 NYCRR Part 301-3.2. Completion of this table fulfills that requirement.</p> <p>To complete the table, provide the following information for each exempt activity that occurs at the facility defined by this application:</p> <p>a. The <u>approximate</u> number of each listed activity, and,</p> <p>b. For location of the activity enter the building ID(s) used in the main application form. Use the building name if a building ID(s) has not been assigned.</p> <p>If a listed activity does not occur at the facility, leave <u>blank</u>.</p>			
Combustion			
Rule Citation	Description	No. of Activities (approx.)	Building Location
201-3.2(c)			
(1)	stationary or portable combustion installations where the furnace has a maximum rated heat input capacity <10mmBtu/hr burning fossil fuels, other than coal, and coal and wood fired stationary combustion units with a maximum heat input <1mmBtu/hr. - this includes unit space heaters, which burn waste oils as defined in 6 NYCRR Part 225-2 and generated on-site, alone or in conjunction with used oil generated by a do-it-yourself oil changer as defined in 6 NYCRR Subpart 374-2		
(2)	stationary or portable combustion installations located outside of any severe ozone non-attainment areas, where the furnace has a maximum rated heat input capacity <20 mmBtu/hr burning fossil fuels other than coal, where the construction of the combustion installation commenced before 6/8/89		
(3)(i)	diesel or natural gas powered stationary or portable internal combustion (IC) engines within any severe ozone non-attainment area having a maximum mechanical power rating <225bhp	1	
(3)(ii)	diesel or natural gas powered stationary or portable IC engines located outside of any severe ozone non-attainment areas having a maximum mechanical power rating <400 bhp	2	
(3)(iii)	gasoline powered IC engines having a maximum mechanical power rating <50bhp		
(4)	stationary or portable IC engines which are temporarily located at a facility for a period ≤30 days/calendar year, where the total combined maximum mechanical power rating for all affected units is <1000bhp		
(5)	gas turbines with a heat input at peak load <10mmBtu/hr		
(6)	emergency power generating units installed for use when the usual sources of heat, power, water and lighting are temporarily unobtainable, or which are installed to provide power <500 hrs/yr and excluding those units under contract w/ a utility to provide peak shaving generation to the grid		
Combustion-Related			
(7)	non-contact water cooling towers and water treatment systems for process cooling water and other water containers designed to cool, store or otherwise handle water that has not been in direct contact with gaseous or liquid process streams		

New York State Department of Environmental Conservation
Air Permit Application



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List of Exempt Activities (from NYCRR Part 201)

Agricultural			
Rule Citation	Description	No. of Activities (approx.)	Building Location
201-3.2(c)			
(8)	feed and grain milling, cleaning, conveying, drying and storage operations including grain storage silos, where such silos exhaust to an appropriate emission control device, excluding grain terminal elevators with permanent storage capacities over 2.5 million US bushels, and grain storage elevators with capacities above 1 million bushels		
(9)	equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators and electrical power generating equipment		
Commercial-Food Service Industries			
(10)	flour silos at bakeries, provided all such silos are exhausted through an appropriate emission control device		
(11)	emissions from flavorings, added to a food product where such flavors are manually added to the product		
Commercial-Graphic Arts			
(12)	screen printing inks/coatings or adhesives which are applied by a hand-held squeegee (i.e. one that is not propelled thru the use of mechanical conveyance and is not an integral part of the screen printing process)		
(13)	graphic arts processes at facilities located outside the NYC metropolitan area whose facility-wide total emissions or VOC's from inks, coatings, adhesives, fountain solutions and cleaning solutions does not exceed 20 lbs/day		
(14)	graphic label and/or box labeling operations where the inks are applied by stamping or rolling		
(15)	graphic arts processes which are specifically exempted from regulation under Part 234 with regard to emissions of VOC's which are not given an A rating		
Commercial-Other			
(16)	gasoline dispensing sites with an annual thruput <120,000 gal located outside any severe non-attainment areas		
(17)	surface coating related operations which use less than 25 gal/mo of coating materials (paints) and cleaning solvents, combined, subject to the following: - the facility is located outside of severe ozone non-attainment area - all abrasive cleaning and surface coating operations are performed in an enclosed building where such operations are exhausted into appropriate emission control devices		
(18)	abrasive cleaning operations which exhaust to an appropriate emission control device		
(19)	ultraviolet curing operations		
Municipal/Public Health Related			
(20)	ventilating systems for landfill gases, where the systems are vented directly to the atmosphere, and the ventilating system has been required by, and is operating under, the conditions of a valid Part 360 permit, or Order on Consent		

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List of Exempt Activities (from NYCRR Part 201)

Storage Vessels			
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location
(21)	distillate and residual fuel oil storage tanks with storage capacities <300,000 bbls	/	
(22)	pressurized fixed roof tanks which are capable of maintaining a working pressure at all times to prevent emissions of VOC's to the outdoor atmosphere		
(23)	external floating roof tanks which are of welded construction and are equipped with a metallic-type shoe primary seal and a secondary seal from the top of the shoe seal to the tank wall		
(24)(i)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>metallic-type shoe seal</i>		
(24)(ii)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>liquid-mounted foam seal</i>		
(24)(iii)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>liquid-mounted liquid-filled type seal</i>		
(24)(iv)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>control equipment or device equivalent to those previously listed in items (24) (i) thru (iii)</i>		
(25)	storage tanks, with capacities <10,000 gal, except those subject to either Part 229 or Part 233		
(26)	horizontal petroleum storage tanks	2	
(27)	storage silos storing solid materials, provided all such silos are exhausted thru an appropriate emission control device		
Industrial			
(28)	processing equipment at existing sand and gravel and stone crushing plants which were installed or constructed before 8/31/83, where water is used other than for dust suppression, such as wet conveying, separating and washing		
(29)(i)	all processing equipment at sand and gravel mines or quarries that <i>permanent or fixed installations with a maximum rated processing capacity ≤25 tph of minerals</i>		
(29)(ii)	all processing equipment at sand and gravel mines or quarries that <i>mobile (portable) installations with a maximum rated processing capacity ≤150 tph of minerals</i>		
(30)	mobile (portable) stone crushers with maximum rated capacities ≤150 tph of minerals which are located at nonmetallic mineral processing operations	/	
(31)	surface coating operations which are specifically exempted from regulation under Part 228, with regard to emissions of VOC's which are not given an A rating		
(32)	pharmaceutical tablet branding operations		
(33)	thermal packaging operations, including but not limited to, thermage labelling, blister packing, shrink wrapping, shrink banding, and carton gluing		

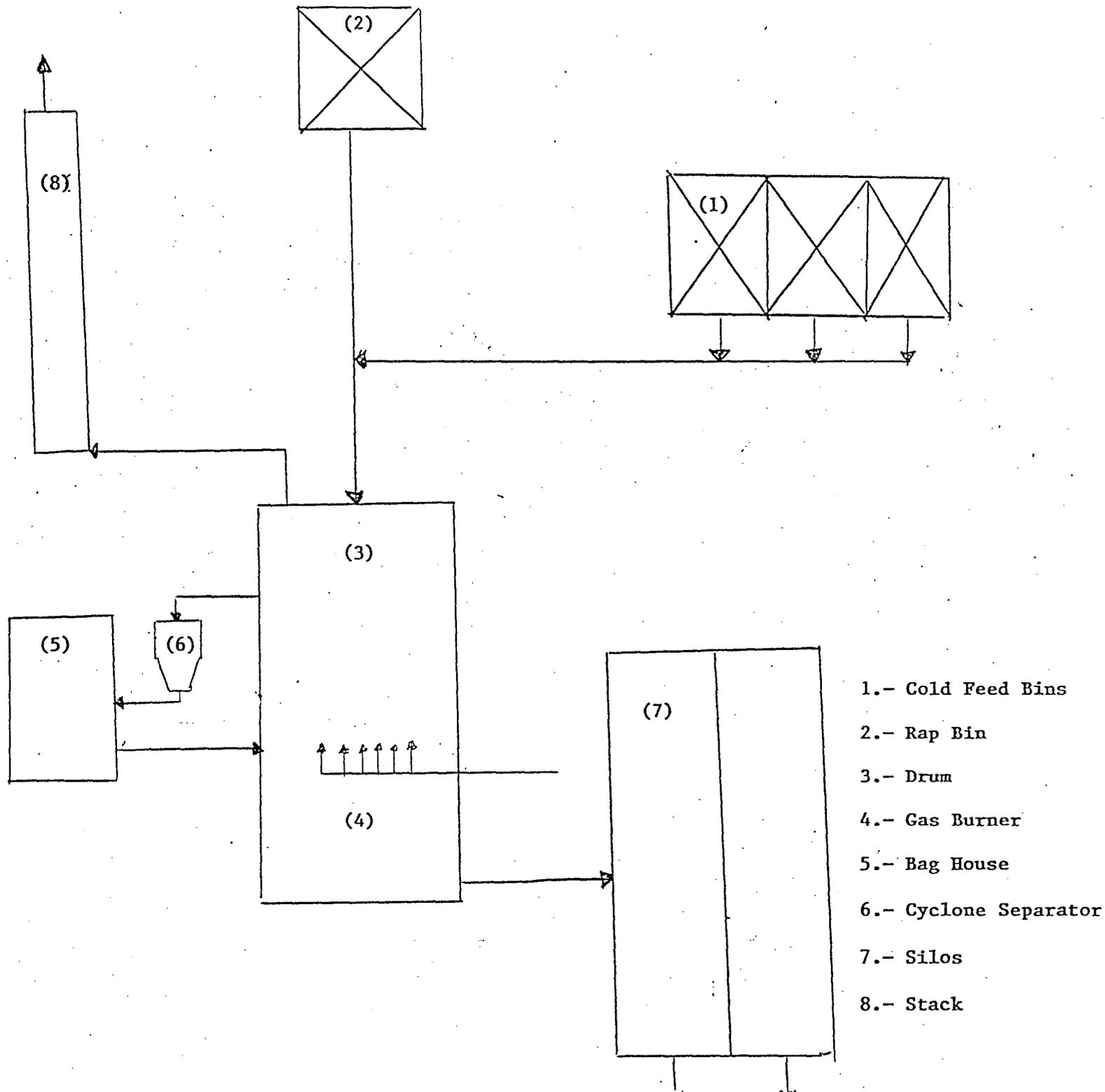
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List of Exempt Activities (from NYCRR Part 201)

Industrial (continued)			
Rule Citation	Description	No. of Activities (approx.)	Building Location
201-3.2(c)			
(34)	powder coating operations		
(35)	all tumblers used for the cleaning and/or deburring of metal products without abrasive blasting		
(36)	presses used exclusively for molding or extruding plastics except where halogenated carbon compounds or hydrocarbon solvents are used as foaming agents		
(37)	concrete batch plants where the cement weigh hopper and all bulk storage silos are exhausted thru fabric filters, and the batch drop point is controlled by a shroud or other emission control device		
(38)	cement storage operations where materials are transported by screw or bucket conveyors		
(39)(i)	non-vapor phase cleaning equipment with an open surface area ≤ 11 sq ft and an internal volume ≤ 93 gal or, having an organic solvent loss ≤ 3 gal/day		
(39)(ii)	non-vapor phase cleaning equipment using only organic solvents with an initial boiling point $\geq 300^\circ$ F at atmospheric pressure		
(39)(iii)	non-vapor phase cleaning equipment using materials with a VOC content $\leq 2\%$ by volume		
Miscellaneous			
(40)	ventilating and exhaust systems for laboratory operations	/	
(41)	exhaust or ventilating systems for the melting of gold, silver, platinum, and other precious metals		
(42)	exhaust systems for paint mixing, transfer, filling or sampling and/or solvent storage rooms or cabinets, provided the paints stored within these locations are stored in closed containers when not is use		
(43)	exhaust systems for solvent transfer, filling or sampling and/or solvent storage rooms provided the solvent stored within these locations are stored in closed containers when not is use		
(44)	research and development activities, including both stand-alone and activities within a major stationary source, until such time as the Administrator completes a rulemaking to determine how the permitting program should be constructed for these activities		
(45)	the application of odor counteractants and/or neutralizers		



- 1.- Cold Feed Bins
- 2.- Rap Bin
- 3.- Drum
- 4.- Gas Burner
- 5.- Bag House
- 6.- Cyclone Separator
- 7.- Silos
- 8.- Stack

NYC DOT
Hamilton Avenue
Asphalt Plant

New York State Department of Environmental Conservation
 Air Permit Application



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4-1000-00072

METHODS USED TO DETERMINE COMPLIANCE		
Emission Unit ID	Applicable Requirement	Method Used to Determine Compliance and Corresponding Date
2112		RECORD KEEPING / MAINTENANCE RECORDS SEE ATTACHED.

12/21/01

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVE., BROOKLYN

Record Keeping/Maintenance Method Of Compliance

The permittee shall develop and establish an acceptable Operating and Maintenance Plan, including an Operation and Maintenance Manual. This plan is to be submitted to NYSDEC upon request. The plan, shall include, but not be limited to:

- A description of the process including controls.
- Operating, Reporting and record keeping procedures.
- Schedule and items for maintenance.
- Training procedures.
- The name and tinkle of operating personnel and their qualifications (e.g. licenses, certificates, education, training courses completed, etc...)
- The following data shall be recorded in a log maintained on site:
 - ◆ Daily hours of operation
 - ◆ Asphalt production in tons per day
 - ◆ Monthly total of asphalt production
 - ◆ Annual total rolled on a monthly basis to reflect the previous twelve consecutive months.
 - ◆ VOC, CO, Nox emissions for the month and the previous 12 consecutive months.
 - ◆ Temperature and Pressure drops for the bag house.

Recycled glass will not be used in the mix.

The Permittee shall keep records of its asphalt production and make available upon request to NYSDEC, the amounts of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years.

The NYSDEC is to be notified as soon as possible during normal working hours, but in any event, not later than two working days after becoming aware of any malfunction or any operational problem which causes to exceed of any emission limit or other applicable standard.



DEC ID										
6	-	1	0	0	0	-	0	0	7	2

Sample Calculations

Basis:

The asphalt plant facility is open approximately 200 days per year, 16 hours a day, or 3200 hours per year total. The production rate is 350 tons per hour, or potentially 1,120,000 tons per year.

However, the plant is not operated continuously; production is to be limited to a maximum of 525,000 tons per year. This is equivalent to 1,500 hours of production per year, or on average, 7.5 hours per day.

The actual hours per given day may vary; on slow days it will operate for 2 hours, while on a peak day, it may operate for 10 hours, for example. Annual production is expected to be about 385,000 tons per year.

Particulate Matter

Manufacturer's guaranteed maximum emission rate for this parameter = 7.41 lbs per hour.

$$\begin{aligned} \text{Annual:} \quad & \left(7.41 \frac{\text{lbs}}{\text{hr}} \right) (200 \text{ day}) \left(7.5 \frac{\text{hrs}}{\text{day}} \right) = 11,115 \frac{\text{lbs}}{\text{yr}} \\ & = 5.56 \text{ tons/yr} \end{aligned}$$

$$\begin{aligned} \text{ERP:} \quad & \left(7.41 \frac{\text{lbs}}{\text{hr}} \right) \left(\frac{1}{1 - 0.99971} \right) = 25,551 \frac{\text{lbs}}{\text{hr}} \\ & = 38,326,500 \text{ lbs/yr} \end{aligned}$$

$$\text{PTE:} \quad \left(7.41 \frac{\text{lbs}}{\text{hr}} \right) (200 \text{ day}) \left(16 \frac{\text{hrs}}{\text{day}} \right) = 23,712 \frac{\text{lbs}}{\text{yr}}$$

$$\% \text{ thru put:} \quad \left(11,115 \frac{\text{lbs}}{\text{yr}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lbs}} \right) \left(\frac{1 \text{ yr}}{525,000 \text{ tons}} \right) \times 100 = 0.001\%$$



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6	-	1	9	2	0	-	0	8	7	2

VOC's:

Manufacturer's guaranteed maximum emission rate for this parameter = 17.29 lbs per hour.

$$\begin{aligned} \text{Annual:} \quad & \left(17.29 \frac{\text{lbs}}{\text{hr}}\right) (200 \text{ day}) \left(7.5 \frac{\text{hrs}}{\text{day}}\right) = 25,940 \frac{\text{lbs}}{\text{yr}} \\ & = 12.97 \text{ tons/yr} \end{aligned}$$

$$\begin{aligned} \text{ERP:} \quad & \left(17.29 \frac{\text{lbs}}{\text{hr}}\right) \left(\frac{1}{1-0.827}\right) = 100 \frac{\text{lbs}}{\text{hr}} \\ & = 150,000 \text{ lbs/yr} \end{aligned}$$

$$\text{PTE:} \quad \left(17.29 \frac{\text{lbs}}{\text{hr}}\right) (200 \text{ day}) \left(16 \frac{\text{hrs}}{\text{day}}\right) = 55,328 \frac{\text{lbs}}{\text{yr}}$$

$$\% \text{ thru put:} \quad \left(25,940 \frac{\text{lbs}}{\text{yr}}\right) \left(\frac{1 \text{ ton}}{2000 \text{ lbs}}\right) \left(\frac{1 \text{ yr}}{525,000 \text{ tons}}\right) \times 100 = 0.002\%$$

NO_x:

Manufacturer's guaranteed maximum emission rate for this parameter = 18.48 lbs per hour.

$$\begin{aligned} \text{Annual:} \quad & \left(18.48 \frac{\text{lbs}}{\text{hr}}\right) (200 \text{ day}) \left(7.5 \frac{\text{hrs}}{\text{day}}\right) = 27,720 \frac{\text{lbs}}{\text{yr}} \\ & = 13.86 \text{ tons/yr} \end{aligned}$$

$$\begin{aligned} \text{ERP:} \quad & \left(18.48 \frac{\text{lbs}}{\text{hr}}\right) \left(\frac{1}{1-0.284}\right) = 25.81 \frac{\text{lbs}}{\text{hr}} \\ & = 38,715 \text{ lbs/yr} \end{aligned}$$

$$\text{PTE:} \quad \left(18.48 \frac{\text{lbs}}{\text{hr}}\right) (200 \text{ day}) \left(16 \frac{\text{hrs}}{\text{day}}\right) = 59,136 \frac{\text{lbs}}{\text{yr}}$$

$$\% \text{ thru put:} \quad \left(27,720 \frac{\text{lbs}}{\text{yr}}\right) \left(\frac{1 \text{ ton}}{2000 \text{ lbs}}\right) \left(\frac{1 \text{ yr}}{525,000 \text{ tons}}\right) \times 100 = 0.003\%$$

New York State Department of Environmental Conservation
Air Permit Application



DEC ID											
0	-	1	0	0	0	-	0	2	0	7	2

Carbon Monoxide:

Manufacturer's guaranteed maximum emission rate for this parameter = 66.0 lbs per hour.

$$\begin{aligned} \text{Annual:} \quad & \left(66.0 \frac{\text{lbs}}{\text{hr}} \right) (200 \text{ day}) \left(7.5 \frac{\text{hrs}}{\text{day}} \right) = 99,000 \frac{\text{lbs}}{\text{yr}} \\ & = 49.5 \text{ tons/yr} \end{aligned}$$

$$\begin{aligned} \text{ERP:} \quad & \left(66.0 \frac{\text{lbs}}{\text{hr}} \right) \left(\frac{1}{1-0.0} \right) = 66.0 \frac{\text{lbs}}{\text{hr}} \\ & = 99,000 \text{ lbs/yr} \end{aligned}$$

$$\text{PTE:} \quad \left(66.0 \frac{\text{lbs}}{\text{hr}} \right) (200 \text{ day}) \left(16 \frac{\text{hrs}}{\text{day}} \right) = 211,200 \frac{\text{lbs}}{\text{yr}}$$

$$\% \text{ thru put:} \quad \left(99,000 \frac{\text{lbs}}{\text{yr}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lbs}} \right) \left(\frac{1 \text{ yr}}{525,000 \text{ tons}} \right) \times 100 = 0.009\%$$

New York State Department of Environmental Conservation
Air Permit Application



DEC ID									
6	-	7	0	0	-	0	0	7	Z

List of Trivial Activities as per NYCRR 201:

4,7,10,12,44,49,57,59,60,70

03082010_Govanus_DOT_HAM Pt

OP LOCATION FACILITY EMISSION POINT
 6 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES
 WHITE - ORIGINAL
 GREEN - DIVISION OF AIR
 WHITE - REGIONAL OFFICE
 PINK - FIELD REP
 YELLOW - APPLICANT



A ADD
 C CHANGE
 D DELETE

READ INSTRUCTIONS
 CONTAINED IN
 FORM 76-11-12
 BEFORE ANSWERING
 ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM
 APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

S E C T I O N A	1. NAME OF OWNER / FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co., Inc.			10. TELEPHONE (914) 496-1600		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)					
	2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS 22 Sarah Wells Trail			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)			21. CITY-TOWN-VILLAGE		22. ZIP		
	3. CITY-TOWN-VILLAGE Brooklyn		4. STATE NY	5. ZIP 11323	12. CITY-TOWN-VILLAGE Campbell Hall		13. STATE NY	14. ZIP 10916	23. BUILDING NAME OR NUMBER Hot Mix Asphalt Plant		24. FLOOR NAME OR NUMBER First			
	6. OWNER CLASSIFICATION <input type="checkbox"/> A. COMMERCIAL <input type="checkbox"/> B. INDUSTRIAL <input type="checkbox"/> C. UTILITY <input type="checkbox"/> D. FEDERAL <input checked="" type="checkbox"/> F. MUNICIPAL <input type="checkbox"/> G. EDUC. INST. <input type="checkbox"/> H. STATE <input type="checkbox"/> I. RESIDENTIAL <input type="checkbox"/> J. OTHER <input type="checkbox"/> K. HOSPITAL			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Kevin L. Patton			16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 072197		17. TELEPHONE (914) 496-1600		25. START UP DATE 05 / 95 MO / YR			26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392
7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations			8. TELEPHONE (718) 788-4516		18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT			27. PERMIT TO CONSTRUCT <input type="checkbox"/> A. NEW SOURCE <input type="checkbox"/> B. MODIFICATION		28. CERTIFICATE TO OPERATE <input type="checkbox"/> A. NEW SOURCE <input type="checkbox"/> C. EXISTING SOURCE <input checked="" type="checkbox"/> B. MODIFICATION				

S E C T I O N A	29. EMISSION POINT ID.	30. GROUND ELEVATION (FT.)	31. HEIGHT ABOVE STRUCTURES (FT.)	32. STACK HEIGHT (FT.)	33. INSIDE DIMENSIONS (IN.)	34. EXIT TEMP.(°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE 2-11-2	38. HRS/DAY 7.5 16	39. DAYS/YR 200	40. % OPERATION BY SEASON							
												Winter	Spring	Summer	Fall				
	9	9	40	88	54	300	62.46	59961				0	5	4	0	4	0	1	5

S E C T I O N A	41. DESCRIBE PROCESS OR UNIT	1. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse	2.
		3.	4.
		5.	6.
		7.	8.

S E C T I O N A	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
	6	10	Gencor Inc. Model 350, Model UF-100	3	04 / 95	20
	9	08	Gencor Inc. Model 132	3	04 / 95	20

CALCULATIONS See Attached Sheets.
 For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited.
 The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO

DOT P HAM 00001020

S E C T O R I A L	CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS				% CONTROL EFFICACY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
	NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET.	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ⁴	PERMISSIBLE
54	Particulates-Feldspar, Quartz, Calcite	55	56	57	58	59	60	61	62	63	64	65	66	67	68
		N Y 0 7 5 - 0 0 - 0	350	13		0.030	20	1		99.971	25116	7.41	2.371	4	
69	Volatiles=Organic Compounds	69	71	72	73	74	75	76	77	78	79	80	81	82	83
	Methane Formaldehyde, Benzene	N Y 9 9 8 - 0 0 - 0	350	13		17.29	1	1		82.7	100	17.29	5.523	4	
84	Nitrogen, Oxides: No, No2	85	86	87	88	89	90	91	92	93	94	95	96	97	98
		N Y 2 1 0 - 0 0 - 0	350	13		0.189	11	1		28.4	25.8	18.48	5.914	4	
99	Carbon Monoxide	100	101	102	103	104	105	106	107	108	109	110	111	112	113
		0 0 0 6 3 0 8 - 0	350	13		1.078	51	3		0	66.0	66.0	2.112	5	
114		115	116	117	118	119	120	121	122	123	124	125	126	127	128
129		130	131	132	133	134	135	136	137	138	139	140	141	142	143

S E C T O R I A L	SOLID FUEL			OIL			GAS			APPLICABLE RULE	APPLICABLE RULE
	TYPE	TONS/YR	% S	TYPE	THOUSANDS OF GALLONS / YR	% S	TYPE	THOUSANDS OF CF / YR	BTU / CF		
144	145	146	147	148	149	150	151	152	153	154	
						52	195894	1000	212		

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155 SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT: *Kevin L. Root* DATE: *2/28/97*

156 LOCATION CODE	157 FACILITY ID. NO.	158 U.T.M. (E)	159 U.T.M. (N)	160 SIC NUMBER	161 DATE APPL. RECEIVED	162 DATE APPL. REVIEWED	163 REVIEWED BY
610000	DOT 2584	65024	1752			109/14/98	Moore, George

PERMIT TO CONSTRUCT				168 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT. 2. THIS IS NOT A CERTIFICATE TO OPERATE. 3. TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE.
164 DATE ISSUED	165 EXPIRATION DATE	166 SIGNATURE OF APPROVAL	167 FEE	
/ /	/ /	<i>[Signature]</i>		

RECOMMENDED ACTION RE. C.O.				173 1. <input type="checkbox"/> INSPECTED BY _____ DATE _____ 2. <input type="checkbox"/> INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT. CHANGES INDICATED ON FORM. 3. <input checked="" type="checkbox"/> ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT. 4. <input type="checkbox"/> APPLICATION FOR C.O. DENIED _____ DATE _____ INITIALED _____
169 DATE ISSUED	170 EXPIRATION DATE	171 SIGNATURE OF APPROVAL	172 FEE	
5/11/99	5/11/04	<i>[Signature]</i>		

174 SPECIAL CONDITIONS:	
1 SEE SPECIAL CONDITIONS DATED	2 SEPT 14, 98 ATTACHED
3	4
5	6
7	8

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVENUE, BROOKLYN
SEPTEMBER 14, 1998

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID: 610000DOT2 00001

EMISSION LIMITS

1. This emission source is subject to 6NYCRR Part 212 and federal New Source Performance Standards for Asphalt Plants under 40CFR60 Subpart I.
2. The facility wide emissions of Nitrogen Oxides (NO_x) shall be limited to 24.9 tons based on a 12 month period rolled monthly.
3. The facility wide emission of Volatile organic compounds (VOC) shall be limited to 24.9 tons based on a 12-month period rolled monthly.
4. Production of asphalt at this facility shall not exceed 525,000 tons in any consecutive twelve (12) month period.
5. Particulate matter emissions shall not exceed 0.04 grains per dry standard cubic foot.
6. Emissions from this source shall not exceed twenty (20) percent opacity over any consecutive six (6) minute average.
7. The Permittee shall not cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. This emission limit applies, but not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in a combination with others.

MONITORING AND RECORD KEEPING

8. The Permittee shall develop and establish an acceptable Operating and Maintenance plan including an 'Operation & Maintenance Manual. This plan shall be submitted to NYSDEC within two months of issuance of the permit. This plan shall include, but not be limited to, the following:
 - a. A description of the process including controls
 - b. Operating, Reporting and record keeping procedures
 - c. Schedule and items for maintenance
 - d. Training procedures
 - e. The name and title of operating personnel and their qualifications (e.g., licences, certificates education, training course completed)

9. The following data shall be recorded in a log maintained on site:
- Daily hours of Plant operation
 - Asphalt production in tons per day
 - Monthly total of asphalt production
 - Annual total, rolled on a monthly basis to reflect previous twelve consecutive months.
 - VOC, CO, NO_x emissions for the month and the previous 12 consecutive months.
 - Temperature, Pressure drops for the bag house
10. Recycled glass shall not be used in the mix .

NOTIFICATIONS AND REPORTING

11. Permittee shall keep records of its asphalt production and report to New York State Department of Environmental Conservation at the end of each month, the amounts of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years and must be made available for review upon request by a NYSDEC representative.
12. The Department must be notified as soon as possible during normal working hours, but in any event not later than two working days after becoming aware of any malfunction or any operational problem which causes exceedence of any emission limit or other standard.

A
T
C

Advance Testing Company, Inc.

RD 1 Box 400 - Sarah Walls Trail - Campbell Hall, NY 10811

March 7, 1997

Mr. Bert Breitburg, P.E.
 NYSDEC Region 2
 Division of Air Resources

RE: NY City Dept of Transportation
 Brooklyn Asphalt Plant
 Source Code 2112

Application for Certificate to Operate
 Section E - Calculations

Dear Mr. Breitburg:

Attached is the Application for Certificate to Operate for the Brooklyn Asphalt Plant.

Calculated emission rates have been revised for the first three of the four listed contaminants, per stack test results. The following conditions have been applied in preparing this application:

1. The plant is to be operated and maintained in accordance with the attached Gencor Industries letter dated January 25, 1997.
2. The plant's annual production is to be capped to produce a "synthetic minor" pollutant source.

CALCULATIONS

Hours of operation: production

The Asphalt Plant will be open for business approximately 200 days per year, 16 hours per day, or 3200 hours per year total. The production rate is 350 tons per hour, or potentially 1,120,000 tons per year. The plant will not operate continuously; production will be limited to a maximum of 525,000 tons per year, equivalent to 1500 hours per year, or an average of 7.5 hours per day. The actual hours operated per day will vary; on a winter day the plant might operate for one hour, while on a summer day it may run for twelve hours, for example.

Particulates:

Stack test, 7/17/96...Measured emission rate = 1.77 lbs/hour
Manufacturer's guaranteed maximum annual emission rate = 7.41 lb/hr

Potential Production Presumed emission rate "Actual annual emissions"
3200 hours per year X 7.41 lb/hr = 23,712 lb/yr

Production capped at 525,000 tpy, equivalent to 1500 hours/year

Actual Production Presumed emission rate Capped annual emissions
1500 hours per year X 7.41 lb/hr = 11,115 lb/yr

VOC

Stack test, 7/17/96...Measured emission rate = 13 lbs/hour
Manufacturer's guaranteed maximum annual emission rate = 17.29 lb/hr

Production capped at 525,000 tpy, equivalent to 1500 hours/year

Actual Production Presumed emission rate Capped annual emissions
1500 hours per year X 17.29 lb/hr = 25,935 lb/yr

Nitrogen Oxides

Stack test, 7/17/96...Measured emission rate = 5.1 lbs/hour
Manufacturer's guaranteed maximum annual emission rate = 18.5 lb/hr

Production capped at 525,000 tpy, equivalent to 1500 hours/year

Actual Production Presumed emission rate Capped annual emissions
1500 hours per year X 18.5 lb/hr = 27,750 lb/yr

CO

Manufacturer's guaranteed maximum annual emission rate = 66 lb/hr

Production capped at 525,000 tpy, equivalent to 1500 hours/year

Actual Production Presumed emission rate Capped annual emissions
1500 hours per year X 66 lb/hr = 99,000 lb/yr

Signature of Authorized Representative

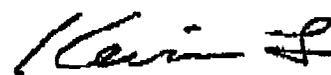
The facility has been constructed, and the owners and their agents have demonstrated to me a commitment to operate the facility in conformance with the stated specifications and applicable regulations.

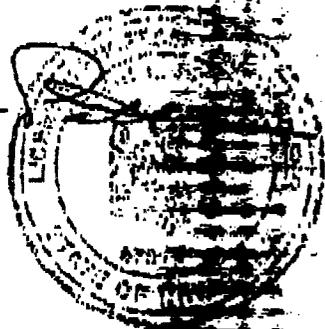
Additional Data Regarding Determination of Emission Levels

Attached is a copy of NAPA Special Report 166, which was used for estimation of maximum emission levels to be expected from this facility.

Please contact me if you have any questions or require additional information.

Yours truly,


Kevin L. Patton, P.E.



OS	LOCATION	FACILITY	EMISSION POINT
1			

- A ADD
- C CHANGE
- D DELETE

READ INSTRUCTIONS
CONTAINED IN
FORM TE-11-12
BEFORE ANSWERING
ANY QUESTIONS

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES
 WHITE - ORIGINAL
 GREEN - DIVISION OF AIR
 WHITE - REGIONAL OFFICE
 PINK - FIELD REP
 YELLOW - APPLICANT



PROCESS, EXHAUST OR VENTILATION SYSTEM
 APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1 NAME OF OWNER/FIRM City of New York Dept. of Transportation			3 NAME OF AUTHORIZED AGENT Advance Testing Co., Inc.			10 TELEPHONE (914) 496-1600			19 FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)			
2 NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11 NUMBER AND STREET ADDRESS 22 Sarah Welle Trail			20 FACILITY LOCATION (NUMBER AND STREET ADDRESS)						
3 CITY-TOWN-VILLAGE Brooklyn			4 STATE NY		5 ZIP 11223		12 CITY-TOWN-VILLAGE Campbell Hall		13 STATE NY		14 ZIP 10916	
23 BUILDING NAME OR NUMBER Hot Mix Asphalt			24 FLOOR NAME OR NUMBER First			25 PERMIT TO CONSTRUCT A <input type="checkbox"/> NEW SOURCE B <input type="checkbox"/> MODIFICATION			26 CERTIFICATE TO OPERATE a. <input type="checkbox"/> NEW SOURCE c. <input type="checkbox"/> EXISTING SOURCE b. <input checked="" type="checkbox"/> MODIFICATION			
7 NAME OF STATE OFFICIAL APPROVING Thomas Siano, Director of Asphalt Operations			8 TELEPHONE (718) 788-4516			9 ADDRESS OF SOURCE AND TELEPHONE OR STREET WHERE APPLICANT APPLIES FOR A PERMIT TO CONSTRUCT						

27. EMISSION POINT ID.	28. GROUND ELEVATION (FT)	29. HEIGHT ABOVE STRUCTURES (FT)	30. STACK HEIGHT (FT)	31. INSIDE DIMENSIONS (IN)	32. EXH. TEMP (°F)	33. EXH. VELOCITY (FT/SEC)	34. EXH. FLOW RATE (ACFM)	35. HRS/DAY	36. DAYS/YR	37. % OPERATION BY SEASON Winter Spring Summer Fall							
9	9	40	88	54	300	62.46	59961	16	200	0	15	6	0	4	10	1	5

38. DESCRIBE PROCESS OR UNIT	39. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse
	40.
	41.
	42.

43. EMISSION CONTROL EQUIPMENT ID.	44. CONTROL TYPE	45. MANUFACTURER'S NAME AND MODEL NUMBER	46. DISPOSAL METHOD	47. DATE INSTALLED MONTH / YEAR	48. USEFUL LIFE
6	10	Gencor Inc. Model 350, Model UF-100	3	04 / 95	20
9	08	Gencor Inc. Model 132	3	04 / 95	20

CALCULATIONS See Attached Sheets.
 For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general types cited.

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CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS				% CONTROL EFFICACY	HOURLY EMISSIONS (LB./HR)		ANNUAL EMISSIONS (LB./YR)	
NAME	GAS NUMBER			ACTUAL	UNIT	PERCENT	PERCENT		ERP	ACTUAL	ACTUAL	PERCENT
Particulates-Feldspar, Quartz, Calcite	NY 075-00-0	350	13	0.030	20	1	99.971	25116	7.41	1.112	2.971	
Volatile-Organic Compounds	NY 099B-00-0	350	13	17.29	1	1	92.7	100	17.29	2.594	5.533	
Methane Formaldehyde, Benzene	NY 210-00-0	350	13	0.189	11	1	28.4	25.8	18.48	2.772	5.014	
Nitrogen Oxides: No, No2	0006308-0	350	13	1.078	51	3	0	66.0	66.0	9.900	2.112	
Carbon Monoxide												

SOLID FUEL			OIL			GAS			APPLICABLE RULE
TYPE	THOUSANDS OF TONS/YR	% S	TYPE	THOUSANDS OF GALLONS/YR	% S	TYPE	THOUSANDS OF CF/YR	BTU/CF	
						52	1950%	1000	

163. NAME OF SOURCE: *[Illegible]*
 164. ADDRESS: *[Illegible]*
 165. CITY: *[Illegible]*
 166. STATE: *[Illegible]*
 167. ZIP: *[Illegible]*
 168. PHONE: *[Illegible]*
 169. NAME OF OPERATOR: *[Illegible]*
 170. ADDRESS: *[Illegible]*
 171. CITY: *[Illegible]*
 172. STATE: *[Illegible]*
 173. ZIP: *[Illegible]*
 174. PHONE: *[Illegible]*

PERMIT TO CONSTRUCT

175. DATE ISSUED: / / 176. EXPIRATION DATE: / / 177. SIGNATURE OF APPROVAL: _____ 178. FEE: _____

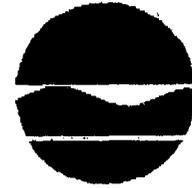
RECOMMENDED ACTION RE: C.O.

179. DATE ISSUED: / / 180. EXPIRATION DATE: / / 181. SIGNATURE OF APPROVAL: _____ 182. FEE: _____

173. 1. INSPECTED BY: _____ DATE: _____
 2. INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMITS, CHANGES NOTICED ON FORM
 3. ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT
 4. APPLICATION FOR C.O. DENIED DATE: _____ INITIALED: _____

174. SPECIAL CONDITIONS:

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

By Regular Mail And By Fax Transmittal
July 7, 1997

Mr. Tom Siano,
Director of Asphalt Operations
Municipal Asphalt Plant
New York City Department of Transportation
448 Hamilton Ave.
Brooklyn, N.Y. 11232

Re: Nighttime RAP Production

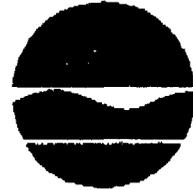
Dear Mr. Siano:

We have reviewed the plant operating parameters submitted with your letter of June 26th. We have also reviewed your request regarding permission to manufacture RAP during evening and nighttime production shifts. Based on the performance of your plant during the stack test of June 17th and 18th we agree to nighttime RAP production. As witnessed by DEC staff during the test, the manufacturing of RAP did not cause odors nor did it cause any visible emission of any shade. The plant operating data presented in your June 26th letter must be posted at a location accessible to the shift manager and, the operating parameters must be duplicated (subject to small variations determined by changes in the atmospheric humidity) during all asphalt production. Your shift managers must be trained to follow said operating parameters.

Should any Air Pollution Problem such as Visible Emissions, Odors or Dust develop, said RAP nighttime operation must be discontinued within one hour of the start of the Air Pollution incident. DEC must be notified of the incident the following morning and, the production can only be resumed after DEC reviews the incident and grants a new approval to conduct said RAP operation.

TOTAL P.03

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

The above plant operating parameters will appear as *Special Conditions (SC)* in your permit. You also agreed to provide DEC ASAP with an Operation and Maintenance (O&M) manual. The manual should include the manufacturer's O&M specifications as well as procedures that you developed yourself and which procedures you have found to optimize the operation and efficiency of the plant. Said O&M manual will also be included as a *SC* in your permit.

Please remember to submit to this office at the end of each month, records of your daily production of RAP and regular asphalt. Please submit said records within 7 calendar days from the end of each month.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

CC: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC

DRAFT

DATE

Mr. Bert Breitburg, PE
Environmental Engineer II
New York State Dept. of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Subject: Request to revise permitted emissions from Hamilton Street HMA facility

Dear Mr. Breitburg:

We are requesting a change in the emission numbers included in our permit to construct as follows:

Total annual tonnage to be produced by plant: 525,000 tons
Total equivalent hours of production per year at full 350tph production rate: 1500 hours.

Emissions:

Carbon monoxide---	less than 66lbs/hr;	49.5tons/year
VOCs---	less than 17.29 lbs/hr,	12.97tons/year
Nitrous oxides---	less than 18.5lbs/hr,	13.88tons/year
Particulate--	less than 7.41lbs/hr,	5.86tons/year

We understand that these values will continue to keep us below the threshold for being classified as a major source. We would appreciate your quick approval of these values so that we can proceed with our testing at the first opportunity in the Spring.

Sincerely,



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY
11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

September 4, 1997

NYS Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
L.I.C., NY 11101
Attention: Mr. Bert Breitburg, P.E.

Re: Compliance test report for
Hamilton Avenue Asphalt
Plant, HWKF-033, Gencor
Industries Inc.

Dear Mr. Breitburg:

Enclosed please find the result of the latest Stack test performed on June 17, 18, 1997 by Air Recon for Gencor Industries at Hamilton Ave. Asphalt Plant.

Please upon your review, notify us of your findings. The summery results show that the numbers are well within the range. Upon your approval we will finalize the contract with Gencor Industries Inc.

Sincerely yours,

Afsar Taherzadeh
Project Director
Transportation Program Unit

cc: F. D'Arpino, T. Marino, L. Edwards(DDC), T. Siano(DOT), T. Osweiler(Gencor), File

OP LOCATION FACILITY EMISSION POINT
 610000DOT2000011

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES
 WHITE - ORIGINAL
 GREEN - DIVISION OF AIR
 WHITE - REGIONAL OFFICE
 PINK - FIELD REP
 YELLOW - APPLICANT



A ADD
 C CHANGE
 D DELETE

READ INSTRUCTIONS
 CONTAINED IN
 FORM 76-11-12
 BEFORE ANSWERING
 ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM
 APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

S E C T I O N A	1. NAME OF OWNER/FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co., Inc.			10. TELEPHONE (914) 496-1600		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)				
	2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS 22 Sarah Wells Trail						20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)			
	3. CITY-TOWN-VILLAGE Brooklyn		4. STATE NY	5. ZIP 11323	12. CITY-TOWN-VILLAGE Campbell Hall		13. STATE NY	14. ZIP 10916	21. CITY-TOWN-VILLAGE		22. ZIP		
	6. OWNER CLASSIFICATION A. <input type="checkbox"/> COMMERCIAL C. <input type="checkbox"/> UTILITY F. <input checked="" type="checkbox"/> MUNICIPAL I. <input type="checkbox"/> RESIDENTIAL B. <input type="checkbox"/> INDUSTRIAL D. <input type="checkbox"/> FEDERAL G. <input type="checkbox"/> EDUC. INST. J. <input type="checkbox"/> OTHER			E. <input type="checkbox"/> STATE H. <input type="checkbox"/> HOSPITAL	15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Kevin L. Patton		16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 072197	17. TELEPHONE (914) 496-1600	23. BUILDING NAME OR NUMBER Hot Mix Asphalt Plant		24. FLOOR NAME OR NUMBER First		
7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations			8. TELEPHONE (718) 788-4516	18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT			25. START UP DATE 05 / 95 MO / YR		26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392				
			27. PERMIT TO CONSTRUCT A. <input type="checkbox"/> NEW SOURCE B. <input type="checkbox"/> MODIFICATION			28. CERTIFICATE TO OPERATE A. <input type="checkbox"/> NEW SOURCE C. <input type="checkbox"/> EXISTING SOURCE B. <input checked="" type="checkbox"/> MODIFICATION							

S E C T I O N B	29. EMISSION POINT ID.	30. GROUND ELEVATION (FT.)	31. HEIGHT ABOVE STRUCTURES (FT.)	32. STACK HEIGHT (FT.)	33. INSIDE DIMENSIONS (IN.)	34. EXIT TEMP. (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE 2112	38. HRS/DAY 7.5 16	39. DAYS/YR 200	40. % OPERATION BY SEASON Winter Spring Summer Fall 0 5 4 0 4 0 1 5			
		9	9	40	88	54	300	62.46	59961						

S E C T I O N C	41. DESCRIBE PROCESS OR UNIT	1. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse													
		2.													
		3.													
		4.													
		5.													
		6.													
		7.													
		8.													

S E C T I O N D	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER			DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
	42. 6	43. 10	44. Gencor Inc. Model 350, Model UF-100			45. 3	46. 04 / 95	47. 20
	48. 9	49. 08	50. Gencor Inc. Model 132			51. 3	52. 04 / 95	53. 20

S E C T I O N E	CALCULATIONS	See Attached Sheets. For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited.
		The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO emissions, as described in the attached letter.

03082010 Gowanus_DOT_HAM Pr

EMISSIONS, as described in the attached letter.

CONTAMINANT	INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS				% CONTROL EFFIC'Y	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)			
				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ^x	PERMISSIBLE	
54. Particulates-Feldspar, Quartz, Calcite	55. NY 0 7 5 - 0 0 - 0	56. 350	57. 13	58.	59. 0.030	60. 20	61. 1	62.	63. 99.971	64. 25116	65. 7.41	66. 1.112	67. 4	68.
69 Volatile=Organic Compound Methane Formaldehyde, Benzene	85. NY 9 9 8 - 0 0 - 0	86. 350	87. 13	88.	89. 17.29	90. 1	91. 1	92.	93. 82.7	94. 100	95. 17.29	96. 5.533	97. 4	98.
84. Nitrogen, Oxides: No, No2	85. NY 2 1 0 - 0 0 - 0	86. 350	87. 13	88.	89. 0.189	90. 11	91. 1	92.	93. 28.4	94. 25.8	95. 18.48	96. 2.772	97. 4	98.
99. Carbon Monoxide	100. 0 0 0 6 3 - 0 8 - 0	101. 350	102. 13	103.	104. 1.078	105. 51	106. 3	107.	108. 0	109. 66.0	110. 66.0	111. 9.900	112. 4	113.
114.	115.	116.	117.	118.	119.	120.	121.	122.	123.	124.	125.	126.	127.	128.
129.	130.	131.	132.	133.	134.	135.	136.	137.	138.	139.	140.	141.	142.	143.

SOLID FUEL TONS/YR			OIL THOUSANDS OF GALLONS/YR			GAS THOUSANDS OF CF/YR			BTU/CF	APPLICABLE RULE	APPLICABLE RULE
TYPE	%S	TYPE	%S	TYPE	%S	TYPE	%S	TYPE	BTU/CF	153.	154.
144.	145.	146.	147.	148.	149.	150.	151.	152.	1000	212	

Upon completion of construction sign the statement listed below and forward to the appropriate field representative
 THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT: *Kevin J. [Signature]* DATE: *2/28/97*

156. LOCATION CODE	157. FACILITY ID. NO.	158. U.T.M. (E)	159. U.T.M. (N)	160. SIC NUMBER	161. DATE APPL. RECEIVED	162. DATE APPL. REVIEWED	163. REVIEWED BY:
610000	DOT 25846	5024	1752		/ /	09/14/98	Meera George

PERMIT TO CONSTRUCT			
164. DATE ISSUED	165. EXPIRATION DATE	166. SIGNATURE OF APPROVAL	167. FEE
/ /	/ /	[Signature]	

168. 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT
 2. THIS IS NOT A CERTIFICATE TO OPERATE
 3. TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE

RECOMMENDED ACTION RE: C.O.			
169. DATE ISSUED	170. EXPIRATION DATE	171. SIGNATURE OF APPROVAL	172. FEE
5/11/99	5/11/04	[Signature]	0

173. 1. INSPECTED BY _____ DATE _____
 2. INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM
 3. ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT
 4. APPLICATION FOR C.O. DENIED _____ DATE _____ INITIALED _____

174. SPECIAL CONDITIONS:
1. SEE SPECIAL CONDITIONS DATED SEPT 14, 98 ATTACHED
2.
3.
4.
5.
6.
7.
8.

DOT_P_HAM_00001034

443 Park Avenue South
New York, NY 10016
phone 212.889.4045
fax 212.889.3672

Architectural Planners
David Smotrich & Partners

OK
WSP
WSP

Facsimile Transmittal

Project/Job Number HAMILTON AVE. YARD / 95165 Date 9-18-95
 To ALFRED TAHER ZADEH
 Company NYC DGS
 Fax Number 649-8297
 From WSP
 Number of pages (including cover sheet) 3

Description

Letter from NYS. DRC RE: TEST PROTOCOL
I will check with S. CULMO TO SEE IF THIS HAS AN
IMPACT ON COST.

WSP

cc - TOMY FIANO: 718.965-2930

New York State Department of Environmental Conservation
Regional - Division of Air Resources
47-48 1st Street, Long Island City, NY 11101
Tel: 718-482-4544 FAX: 718-482-4874



Michael D. Zagata
Commissioner

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GLO	

*FIXED TO
D&S
DOT
WHE*

RECEIVED
SEP 15 1995
DAVID SMOTRICH & PARTNERS

September 13, 1995

David Smotrich & Partners
443 Park Avenue South
New York, N.Y. 10016

- RE: 1) The New York City Department of Transportation (NYCDOT)
Hamilton Avenue Asphalt Plant.
- 2) AirRecon Stack Test Protocol of September 11, 1995.

Dear Mr. Eisenberg:

I received today 2 copies of the referenced stack test protocol. One copy was immediately sent to our Albany group that reviews test protocols. They will review and comment on the test methods and proposed test instruments. However our staff in New York City's DEC Region 2 requires additional information pertaining to the operation of the asphalt plant during the test. We are asking that the plant be tested for all pollutants of concern under a variety of operating conditions. This requirement makes the test a lengthier and larger project than you seem to have envisioned.

This plant has had a history of Air violations. Some were visual standard violations others were actual nuisances consisting of fumes and of dust and other substances deposition on private property. We are hoping that the new plant would prevent reoccurrences of such violations and nuisances. For this reason we are asking that you test under the operating conditions that in aggregate comprise in excess of 90% of the operational possibilities.

Regular (virgin) asphalt production must be tested at the maximum and also during the average production levels.

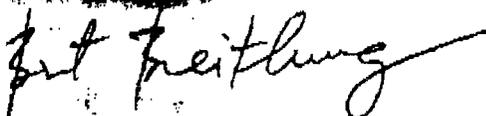
Asphalt production using recycled asphalt must also be tested during the maximum and also during the average production levels. If the percentage of recycled asphalt varies significantly during

different batches, then the most common mixtures must all be tested.

The testing requirements apply to other mixtures should other types of mixtures be part of your production.

Your input to such a testing "Matrix" is essential. We are counting on you to supply the production quantities and the composition of the most common asphalt mixtures. We can then by mutual consent finalize the protocol. Please respond no later than October 4, 1995.

Sincerely,



Bert Freitburg, P.E.
Environmental Engineer II

CC: Steven J. Culmo, AirRecon

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, NY 11101
Tel: 718-482-4944 FAX: 718-482-4874



Bert Breitburg

FAX TRANSMITTAL FROM

To: TOM SIANO
Fax #: 718 ~~482~~ 965-2930
Date: March 15, 95
Pages: 1 ~~Plus Cover~~

Message:

I received your list of production outputs in tons/day & tons/hour. We still need 2 proposed dates for the performance of the stack test. Please give us ample time to schedule staff to witness the test.

B. B.

CC:



**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel: 718/788-4516 / Fax: 718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Bert Breitburg
Environmental Engineer II

FROM: Thomas Siano
Director of Asphalt Operations

DATE: March 4, 1996

RE: Stack Test / Hamilton Asphalt Plant

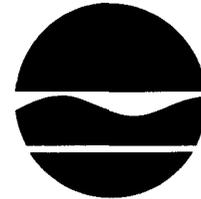
I received your letter dated 2/27/96 requesting additional information pertaining to production periods, daily logs, and production rates.

Our modified production facility came on line the first week in August of 95. Although in operation, the month of August was basically used to test the production equipment and to formulate our mix designs. All material produced and dispatched during that period was done so on a limited basis. By the end of August the Hamilton lab technicians approved our virgin and glass cullet mixes as street ready. The daily logs provided herein will show shift production rates and output.

Regarding your two date request for conducting the required stack test, preferable dates are April 24th and 25th. Our milling crews are now preparing their schedules and equipment and work should commence within the next couple of weeks. Based on production ratios of 3 days milling to 1 day paving, holding off the test until the dates I requested would assure us that an adequate number of square yards would be resurfacing ready. This would allow for any problems that may occur during the testing procedure where large amounts of material may have to be produced. Another important reason to wait until the end of April is that one of the tests will require us to use a high percentage of rap (recycled asphalt pavement). Workability of rap and virgin mixes varies greatly especially in colder weather. Rap mixes are subject to quicker aggregate cool downs, making them much stiffer and therefore more difficult to handle. Conducting these tests the end of April would ease the strain not only on our work force, but production and paving equipment as well.

Thank you for acknowledging our concerns in this matter. If any additional information is required, contact me at (718) 788-4317.

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

February 27, 1996

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, N.Y. 11232

Re: NYCDOT Letter Dated February 15, 1996

Dear Mr. Siano:

I received your letter of February 15th that outlines the reasons for the delay in conducting the stack test. In order that our office understands and agree that NYCDOT needed an extension of the test date specified in your Permit to Construct, we are requesting the following information:

Please provide the start-up date of your asphalt producing operation. Also provide the daily logs that show the hourly production in tons of asphalt and the hours of operation per day. The log should cover the period of time from the start-up date up to date. Please supply this data within 7 calendar days of receipt of this letter.

Also please propose at least two dates for the upcoming stack test. Since we must witness the entire test, we will respond by indicating to you which of the dates suits our staff's schedule.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II



**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel:718/788-4516 /Fax:718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Bert Breitburg P.E.
NYS Department of Environmental Conservation

FROM: Tom Siano *David Steen for*
Director of Asphalt Operations

DATE: February 15, 1996

RE: Stack Test for Hamilton Asphalt Plant

As per our conversation of Friday February 9, 1996, enclosed are the reasons for requesting a postponement of the required stack test for the NYC DOT Hamilton Avenue Asphalt Plant. The list is as follows:

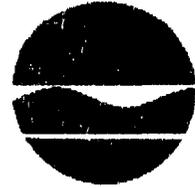
1. Starting the asphalt plant in frigid temperatures is not in DOT's interest. Turning over motors, drives, and frozen belts may lead to possible damage to the production equipment.
2. Due to the cold temperatures and heavy snow accumulations this winter, our aggregate stockpiles are retaining an excessive amount of frozen moisture. Being that the scale conveyors cannot differentiate between aggregate, snow, or ice, the calibrated weights introduced into the drum at times differ from the amounts later discharged. The calculated amount of asphalt cement required to produce a good quality hot mix has a direct correlation to aggregate weights eventually introduced. A possible result is an inconsistent mix with questionable quality.
3. Running a stack test would require us to produce more than 250 tons of asphalt for each of the required tests. During the winter season only minimal amounts of material are required daily (weather permitting) for maintenance work. To force a paving crew to lay down material under adverse weather conditions, or worse yet, to literally throw the material away is not in the City's best interest.

To date our production output has been limited. Tons per hour during the periods when we do run have been 225 T.P.H. or less. For winter maintenance activities, asphalt production has been at a minimum.

At this time it would be in our interest to perform the test in mid-April when temperatures moderate and our resurfacing program is in full swing. If you have any questions on any of this material, do not hesitate to call me. My number at Hamilton Ave. is 718/788-5968. I will be out of town on leave through February 28, 1996.

cc: B/C J. Foulke, D/B/C E. Theofan, A. Taherzadeh, B. Murphy

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

February 27, 1996

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, N.Y. 11232

Re: NYCDOT Letter Dated February 15, 1996

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Also please propose at least two dates for the upcoming stack test. Since we must witness the entire test, we will respond by indicating to you which of the dates suits our staff's schedule.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

TOTAL P.02

BREITBURG, BURT -- DEC
NYS DEC
47-40 21 ST.
LONG ISLAND CITY, NY 11101
W: 482 4944
FAX: 482 4874

2/26/96
Speak to Bill

- missing for Tom's letter:

how production developed since
plant opened.

production summary on how per

hour. minimum and maximum

and how it / when it slowed
down. also hours / day.



New York City
Department of Transportation

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel: 718/788-4516 / Fax: 718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Bert Breitburg P.E.
NYS Department of Environmental Conservation

FROM: Tom Siano *David Steen for*
Director of Asphalt Operations

DATE: February 15, 1996

RE: Stack Test for Hamilton Asphalt Plant

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1. Starting the asphalt plant in frigid temperatures is not in DOT's interest. Turning over motors, drives, and frozen belts may lead to possible damage to the production equipment.

2. Due to the cold temperatures and heavy snow accumulations this winter, our aggregate stockpiles are retaining an excessive amount of frozen moisture. Being that the scale conveyors cannot differentiate between aggregate, snow, or ice, the calibrated weights introduced into the drum at times differ from the amounts later discharged. The calculated amount of asphalt cement required to produce a good quality hot mix has a direct correlation which is an inconsistency.

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**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel:718/788-4516 /Fax:718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Bert Breitburg P.E.
NYS Department of Environmental Conservation

FROM: Tom Siano *David Steen for*
Director of Asphalt Operations

DATE: February 15, 1996

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cc: B/C J. Foulke, D/B/C E. Theofan, A. Taherzadeh, B. Murphy



**New York City
Department of Transportation**

Thomas J. Siano
Director of Asphalt Operations
448 Hamilton Ave.
Brooklyn, New York 11232
Tel:718/788-4516 /Fax:718/965-2930

Elliot G. Sander, Commissioner

MEMORANDUM

TO: Bert Breitburg
Environmental Engineer II

FROM: Thomas Siano
Director of Asphalt Operations

DATE: March 14, 1996

RE: Stack Test / Hamilton Asphalt Plant

I received your letter dated 2/27/96 requesting additional information pertaining to production periods, daily logs, and production rates at the Hamilton Asphalt Plant.

Our first production day for the new Hamilton Asphalt Plant production facility was Monday July 24, 1995. I have attached logs of our production record from September 1, 1995 through February 27, 1996 (minimal material was produced during August 1995). These records include average tons per hour and total tons produced per daily shift.

If any additional information is required, I can be reached at (718) 788-4516.



THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

PHONE (718) 595-4418
FAX (718) 595-4422

Bureau of
Air, Noise, & Hazardous
Materials

December, 2000

Dear Facility Owner:

This is your SARA Title III and New York City Community Right to Know Guidelines for Reporting and the NYC RTK Law and Regulations publications. Your Facility Inventory Forms (FIF) along with copies of Material Safety Data Sheets (MSDS) for all reportable substances are due by **March 1, 2001**. In addition, if you are required to submit a Risk Management Plan (RMP) or an update it must be received by **March 1, 2001**.

The NYC RTK Guidelines for Reporting is sent to you to simplify the reporting process. It provides you with an FIF along with directions on how to fill it out. **Please follow the "Sample FIF" example in this manual. Facilities that submit FIF(s) which are found to be incomplete or incorrectly reported may be subject to a Notice of Violation.**

A filing fee is required if you are submitting a Facility Inventory Form in fulfillment of the requirements of the New York City Community Right to Know Law. A fee schedule and a blank Fee Invoice are enclosed. If you are submitting a Facility Inventory Form only to comply with the requirements of SARA Title III, no fee is required. Please follow the chart in the guideline manual to inquire which reporting category applies to you.

In addition, facilities that use, store or otherwise handle **Extremely Hazardous Substances (EHS) and/or Regulated Toxic Substances** at or above the Threshold Planning Quantities are required to prepare and submit a Risk Management Plan (RMP) to the DEP. If you submitted a Plan and it was approved by DEP, you need to submit an update of the plan or a notarized letter to show that there are no changes to the previous RMP submitted by your facility. Please note that if there are changes in the surrounding community, they must be indicated on the update (ie: hospitals, schools). An overview of the RMP requirements can be found at the end of the Guideline manual.

The submission of chemical inventory information is essential since its compilation enables the DEP to make available vital information about hazardous materials to emergency response personnel. This information is also used to protect surrounding communities, workers and emergency response personnel from the dangers associated

59-17 Junction Boulevard, 11th Floor, Corona, New York 11368-5107



with hazardous substances, extremely hazardous substances, and regulated toxic substances by mitigating the harm posed by release of such substances. In addition, information about the presence of chemical substances is made available to the public under the Freedom of Information Law.

Please remember that any business that fails to comply with the New York City Right to Know Law may be subject to penalties of up to \$10,000. In addition, any person who knowingly or recklessly makes any false statement, representation, or certification on a Facility Inventory Form, Risk Management Plan or any other document filed with the DEP may be subject to a fine of not more than \$1,000, or imprisonment of up to one year, or both.

If you have any questions regarding compliance with the Right to Know Law requirements, please call (718) 595-4659.

Thank you for your time and effort. Together, we are making New York City a safer place to live and work.

Very truly yours,



Kim Hanna, CHMM
Acting Director,
RTK Program



Cc: Moustafa Fawzy, CHMM
Director,
Division of Emergency Response
& Technical Assessment

Encls.

New York State Department of Environmental Conservation
59 Wolf Road, Albany, New York 12233

FINAL NOTICE

May 22, 1995



Michael Zagata
Commissioner

NYC DEPT OF TRANSPORT
DEC ID: 2610200076
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
Attn: Environmental Manager

Re: 1994 Fuel Use/Industrial Process Emission Statement

Dear Sir or Madam:

In March this office mailed the 1994 Fuel Use/Industrial Process Emission Statement to your facility. As requested in the cover letter, your completed statement was to be returned by April 15, 1995. Your statement has not been received. Please submit your completed emission statement immediately. If you have not yet received your emission statement please contact Robert G. Sliwinski, Chief, Stationary Source Inventory and Planning, at (518) 457-2823 and another emission statement will be sent to you.

If you have already sent in your emission statement, please disregard this notice.

If you fail to submit a completed statement by June 15, 1995, your 1995 operating permit fees will be based on permitted potential emissions. This fee could be significantly higher than fees based on actual facility emissions.

If you have any questions regarding this matter please contact Mr. Sliwinski at (518) 457-2823.

Sincerely,

Arthur Fossa, P.E.
Director
Division of Air Resources

cc: Facility Owner

**NEW YORK CITY DEPARTMENT OF TRANSPORTATION
POTENTIAL HAZARDOUS WASTE OPERATIONS AND
SARA (COMMUNITY RTK) SITES**

FACILITY ADDRESS/LOCATION	USE	OECA Liaison	BOROUGH	TELEPHONE #	CONTACT PERSON
Mosholu Avenue and Broadway	Van Cortlandt Yard	A. Cortes	Bronx	718-543-2377	Talent Toneva
3200 Conner Street	Conner Street Yard	A. Cortes	Bronx	718-994-1266, 718-325-7894	Vincent Moncoda, Richard Cillo
2144 Webster Ave.	Fleet Services	A. Cortes	Bronx	718-533-5712	Douglas Sutton
125 Cadman Plaza East		R. Holcomb	Brooklyn	718-624-0753	Ben Cipriano
2900 Flatbush Avenue	Flatbush Yard	A. Cortes	Brooklyn	718-338-0057	Joseph Flood, Donna Lughran
424 Wythe Avenue	Bridge Painting	R. Holcomb	Brooklyn	212-788-2068	Earlene Powell
488 Hamilton Avenue	Hamilton Yard	A. Cortes	Brooklyn	718-369-4244, 4246, 4223	Tom Siano, John Ameer, Anthony Bordenca
488 Hamilton Avenue	Fleet Services	A. Cortes	Brooklyn	718-533-5712	Douglas Sutton
6080 Flatlands Avenue	Flatlands Yard	A. Cortes	Brooklyn	718-251-6044/5369	John Giaccio
6080 Flatlands Avenue	Fleet Services	A. Cortes	Brooklyn	718-533-5712	Douglas Sutton
59 Adams Street	Office	R. Holcomb	Brooklyn	718-643-4617	Fred Doyle
345 East 59th Street	Office/Storage/Shop	R. Holcomb	Manhattan	212-371-8292	Michael Greenwood, Gean Pilipiak
672 West 158th Street and Riverside Drive	Manh. Dugout	A. Cortes	Manhattan	212-442-4617	Augustin Alamo
5-40 44 th Drive	JETS	A. Cortes	Queens	718-784-4193	Michael Panarese
Dover Street & Robert Wagner Pl.	Dugout	A. Cortes	Manhattan	212-442-4626	Augustin Alamo
58 th Street	Central Depot	A. Cortes	Brooklyn	718-439-7634	Lou Desio
140 58 St. (BAT)	Fleet Services	A. Cortes		718-533-5712	Doug Sutton
Whitehall Ferry Terminal	Ferry Terminal	Jai Therattil	Manhattan	718-390-5214	Don Westlye
141st Avenue & Brookville Yard Repair Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Douglas Sutton
Park Drive East and Union Turnpike	Kew Loop Yard	A. Cortes	Queens	718-591-2544, 7055	Paul Inzauto, Anthony Arato
32-11 Harper Street: Body Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton,
32-11 Harper Street: Heavy equip. repair shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
32-11 Harper Street: Queens truck shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
32-11 Harper Street: Blacksmith Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
32-11 Harper Street: Welding Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
32-11 Harper Street: Tire Shop	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton,
32-11 Harper Street: Central Auto Supply	Fleet Services	A. Cortes	Queens	718-533-5740	Robert Conca, Doug Sutton
32-11 Harper Street: Arterial	Harper St. Yard	A. Cortes	Queens	718-533-5716	Howard Lesser
32-11 Harper Street: Teach Support	Harper St. Yard	A. Cortes	Queens		Joe Croce
69-46 Sybilla Street	Glendale Yard	R.C / A.C.	Queens	718-263-4289	Michael Terry
352 Kent	Bridge Maint	R. Holcomb	Queens	212-442-9901	George Klein, Gean Pilipiak

FACILITY ADDRESS/LOCATION	USE	OECA Liaison	BOROUGH	TELEPHONE #	CONTACT PERSON
58-50 57th Road	Maspeth Sign Shop	Joe Donini	Queens	718-894-2503	Frank Hrubes, Mike Pipitone
57-49 58 Place	Fleet Services	A. Cortes	Queens	718-533-5712	Doug Sutton
10 Glen Street	Glen Street Yard	A. Cortes	Staten Island	718-370-8476	Steve Thorsen,
1893 Richmond Terrace	Fleet Services	A. Cortes	Staten Island	718-533-5712	Doug Sutton
66-26 Metropolitan Avenue	Office/Storage	Joe Donini	Queens	718-417-2120, 2121	Anthony Alfano
St. George Ferry Terminal	Ferry Terminal	Jai Therattil	Staten Island	718-487-5761	Sean MCDermott
130 Clay Street	Pulaski Yard	R. Holcomb	Queens	718-349-0452	Charlie Remi,
1 Bay Street	Ferry Maintenance	Jai Therattil	Staten Island	718-390-5111	John Hollis,
5 Dubois Avenue	Dubois Ave. Yard	A. Cortes	Staten Island	718-390-8180	Ted Stelling
121 Plymouth Street	Bridge Painting	R. Holcomb	Brooklyn	212-442-0007	Leon Levit,
301 West 203rd Street & 9th Avenue	Yard	A.C./ R.H.	Manhattan	212-569-1354	Bernard Ortiz

Prepared by: DOT Safety and Health - 2/01

New York State Department of Environmental Conservation
Division of Air Resources
615 State Street, Long Island City, NY 11101
Tel: 718-484-4944 FAX: 718-482-4874



Michael D. Zagata
Commissioner

LES	
WHE	WHE
CLC	

RECEIVED
SEP 15 1995
DAVID SMOTRICH & PARTNERS

September 13, 1995

Mr. Bill Eisenberg
David Smotrich & Partners
443 Park Avenue South
New York, N.Y. 10016

RE: 1) The New York City Department of Transportation (NYCDOT)
Hamilton Avenue Asphalt Plant.

2) AirRecon Stack Test Protocol of September 11, 1995.

Dear Mr. Eisenberg:

I received today 2 copies of the referenced stack test protocol. One copy was immediately sent to our Albany group that reviews test protocols. They will review and comment on the test methods and proposed test instruments. However our staff in New York City's DEC Region 2 requires additional information pertaining to the operation of the asphalt plant during the test. We are asking that the plant be tested for all pollutants of concern under a variety of operating conditions. This requirement makes the test a lengthier and larger project than you seem to have envisioned.

This plant has had a history of air violations. Some were visual standard violations others were actual nuisances consisting of odors and of dust and other substances deposition on private property. We are hoping that the new plant would prevent reoccurrences of such violations and nuisances. For this reason we are asking that you test under the operating conditions that in aggregate comprise in excess of 90% of the operational possibilities.

Regular (virgin) asphalt production must be tested at the maximum and also during the average production levels.

Asphalt production using recycled asphalt must also be tested during the maximum and also during the average production levels. If the percentage of recycled asphalt varies significantly during

different batches, then the most common mixtures must all be tested.

Same testing requirements apply to other mixtures should other types of mixtures be part of your production.

Your input to such a testing "Matrix" is essential. We are counting on you to supply the production quantities and the composition of the most common asphalt mixtures. We can then by mutual consent finalize the protocol. Please respond no later than October 4, 1995.

Sincerely,



Bert Breitburg, P.E.
Environmental Engineer II

CC: Steven J. Culmo, AirRecon

T. Siano
I Believe This
is for you

Albert DeChillo

SENT BY: NYC BRIDGES

; 6-15-95 ; 3:28PM ; BUR. OF BRIDGES NYC-

d:# 3/ 4

New York State Department of Environmental Conservation
60 Wolf Road, Albany, New York 12233

SECOND NOTICE

May 12, 1995



Michael Zagata
Commissioner

NYC DEPT OF TRANSPORT
DEC ID: 2610200076
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
Attn: Environmental Manager

THE ABOVE ID IS FOR
448 HAMILTON AVE

Re: 1994 Fuel Use/Industrial Process Emission Statement

Dear Sir or Madam:

In March this office mailed the 1994 Fuel Use/Industrial Process Emission Statement to your facility. As requested in the cover letter, your completed statement was to be returned by April 15, 1995. Your statement has not been received. Please submit your completed emission statement immediately. If you have not yet received your emission statement please contact Robert G. Sliwinski, Chief, Stationary Source Inventory and Planning, at (518) 457-2823 and another emission statement will be sent to you.

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If you fail to submit a completed statement, your 1995 operating permit fees will be based on permitted potential emissions. This fee could be significantly higher than fees based on actual facility emissions.

If you have any questions regarding this matter please contact Robert Sliwinski, Chief, Stationary Source Inventory and Planning, at (518) 457-2823.

Sincerely,

Arthur Fossa, P.E.
Director
Division of Air Resources

cc: Facility Owner

SENT BY:NYC BRIDGES

; 6-15-95 ; 3:29PM ; BUR. OF BRIDGES NYC→

d:# 4/ 4

New York State Department of Environmental Conservation
 60 Wolf Road, Albany, New York 12233

FINAL NOTICE

May 22, 1995



Michael Zagata
 Commissioner

NYC DEPT OF TRANSPORT
 DEC ID: 2610200076
 HAMILTON AVE & 14TH STREET
 BROOKLYN, NY 11232
 Attn: Environmental Manager

Re: 1994 Fuel Use/Industrial Process Emission Statement

Dear Sir or Madam:

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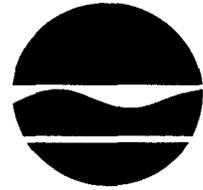
If you have any questions regarding this matter please contact Mr. Sliwinski at (518) 457-2823.

Sincerely,

Arthur Fossa, P.E.
 Director
 Division of Air Resources

cc: Facility Owner

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 FAX: 718/482-4874



Michael D. Zagata
Commissioner

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

August 9, 1996

Ms. Afsar Taherzadeh
Transportation Program Unit
New York City Department of General Services
1 Center Street, 15th Floor
New York, N.Y. 10007

Re: 1) NYCDOT Hamilton Avenue Asphalt Plant, Brooklyn.
2) Comments Concerning the Stack Test Report Dated 7/26/96.

Dear Ms. Taherzadeh:

On August 7th I received the Stack Test Report summarizing the results of the July 17th and 18th tests conducted at the NYCDOT's Asphalt Plant. The Plant is located at 448 Hamilton Avenue in Brooklyn. I am sending said report to our Albany office for review of the technical methods of testing and analysis used to prepare the report. However regardless of our Albany staff's response I submit to you the following comments:

- The **Bluish** visible plume that we have always associated with excess hydrocarbons (VOC) emissions was observed by our staff during the July 18th tests, when recycled asphalt and glass were mixed with the rest of the asphalt mixes. The plume was not observed on July 17th when the production being tested consisted of mixes of original materials.
- The test results support the suspected reason for the above-noted observations: a) on July 17th the average VOC emission rates were 13 #/hr, while on July 18th the average VOC emission rates were 52 #/hr. The 13 #/hr are very close to the approved

10 #/hr rate in your permit to construct. The 52#/hr voc emission rate is a violation of your permit to construct. b) on April 18th you conducted the first stack test of the new asphalt plant. During this test you sampled only for particulate emissions. Because CO, VOC and NO_x emissions were not tested (contrary to your approved protocol) we requested a new test. However on April 18th no **Bluish** plume was noticed by our staff during any of the two types of production described above. This facts suggest that in order for the plant to operate in compliance with the New York State Air Regulations, periodic shut-down and maintenance/ tune-up work must be performed by the plant staff. **We would like to know when the last shut-down/ maintenance operation occurred prior to the stack tests of July 17/18th.**

- The CO readings are exceedingly higher than the numbers approved in your Permit to Construct. While the Permit to Construct specifies 10 #/hr, the test results in all cases show an average of 200 #/hr. This would confer to your facility the status of **Major Source**, and additional application submittance and actions would be required of the owner of the facility. *Special Condition No. 8 of your Permit to Construct* which specifies the requirement to "cap-out" by reducing the production levels, is an example of the remedial actions that NYCDOT must undertake.

However we suspect the lack of periodical plant shut-down and of maintenance work is at least in part a contributor to the high CO readings measured by the Stack Test.

- We never asked Gencor Industries to change their original readings of CO values in their application. Gencor Indicated to us that plants of similar design constructed by Gencor elsewhere have registered readings of 31#/hr for similar production levels. I asked Gencor if there are any reasons that the present plant could not achieve the same CO levels. Since I was told that such reasons do not exist, we agreed to allow Gencor to change the original 106#/hr figure to a 31 #/hr figure. But to be safe I made *Special Condition No.8* described above a part of the permit to construct.

I think that it is necessary to meet and to discuss acceptable methods for the successful operation of the plant from the point of view of reducing the Air Emission Rates to compliance levels. Plant Maintenance is a regulatory requirement, especially when lack of maintenance causes excess Air emissions. We would also like to

discuss the need to conduct a new Stack Test after maintenance and shut-down procedures are agreed to by NYCDOT and NYSDEC. I will contact you and work with you to schedule a meeting attended by all parties concerned with the compliance of the plant with NYSDEC Air Regulations.

Thank you for your cooperation,

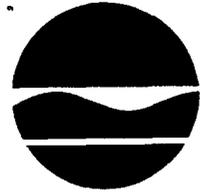
Sincerely,

A handwritten signature in cursive script that reads "Bert Breitburg". The signature is written in black ink and is positioned above the typed name.

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC
Tom Siano, NYCDOT - Certified Mail
Bill Eisenberg, David Smotrich & Partners - Certified Mail
David Brashears, Gencor Industries - Certified Mail

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
Long Island City, NY 11101-5401
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

October 10, 1997

Ms. Afsar Taherzadeh
Project Director
Transportation Program Unit
City of New York Department of
Design and Construction
30-30 Thompson Avenue
Long Island City, N.Y. 11101

Dear Ms. Taherzadeh:

Staff from our Albany Bureau of Air Quality Surveillance reviewed your test report dated 7/21, 1997 and, approved the report and the stack tests of 6/17 & 18, 1997. In as much as the average CO emissions are 31.7#/hr for virgin asphalt and, 41.7#/hr for recycled asphalt and the production was 300 tons/hr; the CO emission factors are 0.106#/ton and 0.139#/ton for virgin and recycled productions respectively. As your annual combined production has never exceeded 400,000 tons of asphalt/year, the CO annual emissions would amount to approx. 25 tons/year (at 400,000 tons yearly production) which is well bellow the 50 tons/year threshold that triggers a DEC Major Source Review.

As CO was the pollutant of concern for the NYCDOT Plant review, we shall have no problems in issuing soon a permit and Special Conditions.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq. NYSDEC



City of New York **Department of Design and Construction**

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486
www.ci.nyc.ny.us/buildnyc

October 14, 1997

Mr. Tom Siano
Director of Hamilton Ave. Asphalt Plant
488 Hamilton Ave.
Brooklyn, NY 11356

Dear Mr. Siano;

Attached please find a copy of the letter I have received today from Mr. Bert Breitburg of New York State Department of Environmental Conservation ("NYSDEC"). According to the letter Based on the annual production rate of 400,000 tons of Asphalt/year Hamilton Ave. Asphalt Plant is producing 25 tons of Carbon Monoxide/year which is well below the threshold that triggers a NYSDEC major source review.

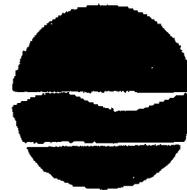
As soon as I receive a copy of the permit and special conditions, I will send a copy to all the perspective parties.

Sincerely,

Afsar Taherzadeh,
Project Director
Transportation program unit

CC: Frank D'Arpino NYCDDC
Lisa Edwards NYCDDC
Tony Marino NYCDDC
Terry Osweiler Gencor Industries Inc.
Marjorie Fox NYC Law Department
Bill Eisenberg David Smotrich & Partners
File

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

By Certified Mail - Return Receipt Requested And, By Fax
Transmittal

August 13, 1997

Mr. Tom Siano,
Director of Asphalt Operations
Municipal Asphalt Plant
New York City Department of Transportation
448 Hamilton Ave.
Brooklyn, N.Y. 11232

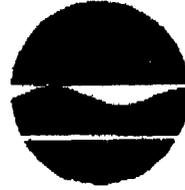
Re: Submittal Of Monthly Reports Of Asphalt Production

Dear Mr. Siano:

In the DEC letter addressed to you, dated July 7, 1997, we are reminding you that you must "submit to this office [DEC - Region 2] at the end of each month, records of your daily production of RAP and regular asphalt. Please submit said records within 7 calendar days from the end of each month." As of today we do not have your reports for the months of May, June and July 1997.

In as much as the requirement to submit the production reports is a Special Condition on your permit, failure to submit said reports is a violation of Part 201 of 6 NYCRR. The reports are also our only means to evaluate your annual CO emissions. Your current permit was issued on condition that your CO emissions do not exceed 50 tons per year. Unless we received the above-mentioned production reports by COB 7/21/97, we will have no choice but to refer the above-noted Part 201 violation to our legal staff.

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

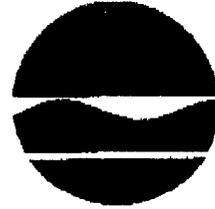
You also agreed to provide ASAP to DEC, an Operation and Maintenance (O&M) manual for the Hamilton Ave. Plant. Also by 7/21/1997 please advise us of the status of development of the O&M manual.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

CC: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, NY 11101
Tel: 718-482-4944 FAX: 718-482-4874



Michael Zagata
Commissioner

FAX TRANSMITTAL FROM Bert Breitung

TO: Thomas Siano

FAX NO: (718) 965-2930

DATE: 8/13/97

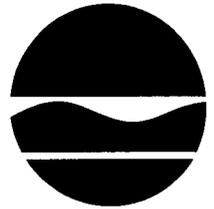
TIME: 10:40 AM

PAGES: 2 (PLUS COVER)

MESSAGE: ~~~~~

CC:

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources



John P. Cahill
Commissioner

MEMORANDUM

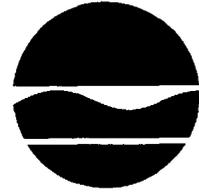
TO: Bert Breitburg
FROM: David Wheeler *DW*
SUBJECT: Hamilton Ave. Asphalt plant production records
DATE: August 22, 1997

I have reviewed the production records which the plant provided. From my calculations of the information which is in the production print outs it appears that the facility produced a total of 28015 tons of product (22393.1 tons of virgin and 4109.6 tons of RAP). The following is a tabulation of the data for each day the facility provided information for.

DATE	VIRGIN	RAP	AC	TOTAL
6/1/97	700.8	0	38.2	738
6/3-6/4	892.4	0	48.8	941
6/4	453.7	264.6	15.4	734
6/4-6/5	814.4	0	44.5	858
6/5	282.8	174.4	9.6	465
6/5-6/6	800.4	0	43.8	844
6/6	144.4	89.6	5.0	238
6/8-6/9	785.9	0	43.3	828
6/9	1249.2	287.8	58.6	1590
6/9-6/10	591.3	230.8	25.7	836
6/10	230.2	118.1	8.2	348
6/10-6/11	688.3	0	37.5	726
6/12	549.3	213.7	23.5	785
6/12-6/13	551.8	0	30.1	580

6/13	512.8	215.3	21.9	748
6/15-6/16	678.1	0	37.1	714
6/16	834.9	0	45.7	879
6/16-6/17	630.2	32.9	32.3	691
6/16-6/17	366.1	6.6	19.2	383
6/17-6/18	707.9	269.9	30.4	1003
6/18 (02:26-03:13)	162.1	0	8.8	169
6/18 (10:40-13:30)	940.9	521.3	34.3	1492
6/18 (14:60-15:20)	1053.1	633.5	39.0	1650
6/18 (20:39-21:03)	0 (no test done)	0 (no test done)	0 (no test done)	578
6/19-6/20	748.7	0	41.7	789
6/25-6/26	1137.9	0	63.5	1199
6/26	549.4	302.8	20.8	869
6/26-6/27	999.4	0	55.8	1054
6/27	1265.1	302.8	62.8	1621
6/29-6/30	1021.8	0	55.8	1070
6/30	1184.0	288.5	55.0	1536
6/30-7/1	865.8	157.0	44.4	1059
TOTAL (June 1997)	22393.1	4109.6	1100.7	28015

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

August 22, 1997

Mr. Tom Siano,
Director of Asphalt Operations
Municipal Asphalt Plant
New York City Department of Transportation
448 Hamilton Ave.
Brooklyn, N.Y. 11232

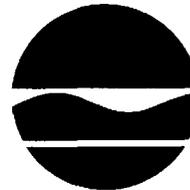
Re: Submittal Of Monthly Reports Of Asphalt Production

Dear Mr. Siano:

We received the production data sheets for the months of May, June and July 1997. Dave Wheeler of our staff has reviewed the record sheets of the June production. Dave also added up the daily production figures and obtained a monthly production of 28,015 total tons of asphalt. His memorandum is attached herewith. In as much as Bill Slatter of your office indicated that the production for June was 36,702 tons, we must assume that either our interpretation of the production sheets is not correct or that, not all the information was submitted. Can you please check the figures in the attached memo and try to find the reasons for the difference between our two totals.

It appears based on numbers for 5,6 and 7, 1997 that your annual asphalt production will be bellow 400,000 tons. Bill Slatter indicted that the production during NYS's FY 1996/97 was 333,000 tons. These amounts should keep the CO annual emissions below the threshold requiring major source review.

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

Once we understand how the records are kept, you will only need to send us the monthly totals while keeping the record sheets at your premises and available for the DEC's inspector review. Under separate cover I returned the sheets for May and July as our file space is limited. We will keep on file the June 97 records.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink that reads "Bert Breitburg". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, NYSDEC
Dave Wheeler, NYSDEC

Attachment

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVENUE, BROOKLYN
SEPTEMBER 14, 1998

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID: 610000DOT2 00001

EMISSION LIMITS

1. This emission source is subject to 6NYCRR Part 212 and federal New Source Performance Standards for Asphalt Plants under 40CFR60 Subpart I.
2. The facility wide emissions of Nitrogen Oxides (NO_x) shall be limited to 24.9 tons based on a 12 month period rolled monthly..
3. The facility wide emission of Volatile organic compounds (VOC) shall be limited to 24.9 tons based on a 12-month period rolled monthly.
4. Production of asphalt at this facility shall not exceed 525,000 tons in any consecutive twelve (12) month period.
5. Particulate matter emissions shall not exceed 0.04 grains per dry standard cubic foot.
6. Emissions from this source shall not exceed twenty (20) percent opacity over any consecutive six (6) minute average.
7. The Permittee shall not cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. This emission limit applies, but not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in a combination with others.

MONITORING AND RECORD KEEPING

8. The Permittee shall develop and establish an acceptable Operating and Maintenance plan including an Operation & Maintenance Manual. This plan shall be submitted to NYSDEC within two months of issuance of the permit. This plan shall include, but not be limited to, the following:
 - a. A description of the process including controls
 - b. Operating, Reporting and record keeping procedures
 - c. Schedule and items for maintenance
 - d. Training procedures
 - e. The name and title of operating personnel and their qualifications (e.g., licences, certificates education, training course completed)

Post-it® Fax Note	7671	Date	9/14/98	# of pages	2
To	Tom Siano	From	Asrar Iaherzadeh		
Co./Dept.	Hamilton Ave	Co.	DDC		
Phone #	369-4228	Phone #	391-1064		
Fax #	369-4211	Fax #	391-1482		

9. The following data shall be recorded in a log maintained on site:
- Daily hours of Plant operation
 - Asphalt production in tons per day
 - Monthly total of asphalt production
 - Annual total, rolled on a monthly basis to reflect previous twelve consecutive months.
 - VOC, CO, NO_x emissions for the month and the previous 12 consecutive months.
 - Temperature, Pressure drops for the bag house
10. Recycled glass shall not be used in the mix .

NOTIFICATIONS AND REPORTING

11. Permittee shall keep records of its asphalt production and report to New York State Department of Environmental Conservation at the end of each month, the amount of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years and must be made available for review and request by a NYSDEC representative.
12. The Department must be notified as soon as possible during normal working hours, but in any event not later than two working days after becoming aware of any malfunction or any operational problem which causes exceedence of the emission limit or other standard.

New York State Department of Environmental Conservation
60 Wolf Road, Albany, New York 12233



SECOND NOTICE

May 12, 1995

NYC DEPT OF TRANSPORT
DEC ID: 26102000764
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
Attn: Environmental Manager

THE ABOVE ID IS FOR
448 HAMILTON AVE

Re: 1994 Fuel Use/Industrial Process Emission Statement

Dear Sir or Madam:

In March this office mailed the 1994 Fuel Use/Industrial Process Emission Statement to your facility. As requested in the cover letter, your completed statement was to be returned by April 15, 1995. Your statement has not been received. Please submit your completed emission statement immediately. If you have not yet received your emission statement please contact Robert G. Sliwinski, Chief, Stationary Source Inventory and Planning, at (518) 457-2823 and another emission statement will be sent to you.

If you have already sent in your emission statement, please disregard this notice.

If you fail to submit a completed statement, your 1995 operating permit fees will be based on permitted potential emissions. This fee could be significantly higher than fees based on actual facility emissions.

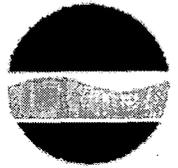
If you have any questions regarding this matter please contact Robert Sliwinski, Chief, Stationary Source Inventory and Planning, at (518) 457-2823.

Sincerely,

Arthur Fossa, P.E.
Director
Division of Air Resources

cc: Facility Owner

New York State Department of Environmental Conservation
Notice of Incomplete Application - This is NOT a Permit



Application ID: 2-6102-00076/00004

Batch Number: 933659

Facility: NYC DOT-HAMILTON AVE ASPHALT PLANT
448 HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232

Contact: GALILEO ORLANDO
NYC DEPARTMENT OF TRANSPORTATION
59 MAIDEN LN 37TH FL
NEW YORK, NY 10038

Owner ID: 1502448

Permit(s) Applied for: 1 - Article 19 Air State Facility

Project Location: in BROOKLYN in KINGS COUNTY

Your application for Permit is incomplete. The following items are required:

Your application for the above-referenced project is incomplete. In order to continue processing your application we need the following information:

1. application does not provide the information on the capacity of combustion installations and processes at the facility (emission sources);
2. application does not provide the information on the fuel used at the facility (processes);
3. application does not provide the production capacity of the facility;
4. application does not provide supporting calculations of the facility emissions;
5. application does not provide list of exempt and trivial activities.

The Air State Facility application must be filled out in accordance with the NYS Air Permit Application Instructions which can be found at
<http://www.dec.state.ny.us/website/dar/boss/resource.html>

Please submit requested information by 7-30-04.
No further action can be taken until all of these materials are received.

Contact Person:

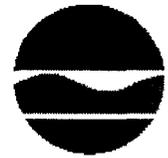
ELIZABETH A CLARKE
NYSDEC
47-40 21ST STREET
LONG ISLAND CITY, NY 11101
Telephone Number: (718) 482-4997

Signature: E Clarke

Date: June 28, 2004

cc: Thomas Siano (NYC DOT)

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NYSDEC REGION 2 HEADQUARTERS
47-40 21ST STREET
LONG ISLAND CITY NY 11101
(718) 482-4997



SAVE THE TOP HALF OF THIS FORM FOR YOUR RECORDS AND RETURN THE BOTTOM
HALF WHEN PROVIDING THE INFORMATION REQUESTED ON THE ACCOMPANYING
NOTICE OF INCOMPLETE APPLICATION.

YOUR DOING SO WILL HELP US EXPEDITE YOUR PERMIT PROCESSING. THANK YOU.

DEC Contact: ELIZABETH A CLARKE
Batch ID: 933659
Application ID: 2-6102-00076/00004
Owner ID: 19237
Date Received: 05/10/2004
Date Incomplete: 06/28/2004
Application Type: REN
Applicant Name: NYC DEPT OF TRANSPORTATION
Facility Name: NYC DOT-HAMILTON AVE ASPHALT P
Project Desc: permit renewal

PLEASE PROVIDE REQUESTED INFORMATION ON OR BEFORE:

SAVE THIS PART !

DETACH

N.Y.S. DEPARTMENT OF ENVIROMENTAL CONSERVATION
NYSDEC REGION 2 HEADQUARTERS

DEC Contact: ELIZABETH A CLARKE
Batch Id: 933659
Application Id: 2-6102-00076/00004
Owner Id: 19237
Date Received: 05/10/2004
Date Incomplete: 06/28/2004
Application Type: REN
Applicant Name: NYC DEPT OF TRANSPORTATION
Facility name: NYC DOT-HAMILTON AVE ASPHALT PLANT
Project Desc: permit renewal
Information Due On Or Before: 7-30-04

PLEASE ATTACH THIS HALF SO IT IS DISPLAYED PROMINENTLY ON YOUR RESUBMISSION

RETURN THIS PART !

RETURN THIS HALF OF THIS FORM WHEN PROVIDING
THE INFORMATION REQUESTED ON THE ACCOMPANYING
NOTICE OF INCOMPLETE APPLICATION.

(fold #2)



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL PERMITS
NYSDEC REGION 2 HEADQUARTERS
47-40 21ST STREET
LONG ISLAND CITY NY 11101

NYC DEPT OF TRANSPORTATION
40 WORTH ST
11TH FLOOR
NEW YORK, NY 10003

(fold #1) -- staple here

NOTICE OF RECEIPT OF APPLICATION

The Division of Environmental Permits has received the application referenced below. The material submitted is being reviewed by staff, and you will be advised in writing regarding the department's findings. In all future communications, please refer to the Application ID number.

Application ID: 2-6102-00076/00004

Date Received: May 10, 2004

Applicant: NYC DEPT OF TRANSPORTATION

Facility: NYC DOT-HAMILTON AVE ASPHALT F

Description: permit renewal

DEC Contact: ELIZABETH A CLARKE

DEC FACILITY PERMIT ANNUAL REPORT

New York State Department of Environmental Conservation
Division of Environmental Permits, Region 2
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-4997 • FAX: (718) 482-4975
Website: www.dec.state.ny.us



Denise M. Sheehan
Acting
Commissioner

October 5, 2005

Galileo Orlando
Executive Director
NYC Department of Transportation
59 Maiden Lane, 37th Floor
New York, NY 10038

Dear Mr. Orlando:

Re: Air State Facility Permit DEC ID 2-6102-00076/00004
NYC DOT - Hamilton Avenue Asphalt Plant, Brooklyn, NY

Enclosed is your Air State Facility permit renewal 1 referenced above. Please read it carefully; you must comply with all conditions.

If you have any questions regarding the permit, please contact me at (718)482-4079 or Eugene Galper in the NYSDEC Division of Air Resources at (718)482-4944.

Sincerely,

Elizabeth A. Clarke
Environmental Analyst

cc: S. Lieblich, E. Galper - DAR
L. Oliva, G. Hintz - Legal, w/o encl
K. Brezner - Solid Waste, w/o encl
S. Riva - USEPA Region 2, w/o encl
H. Belovin, T. Siano - NYCDOT, w/o encl

MAR-31-2006 11:48

P.05

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Air Resources**

**ANNUAL CAPPING CERTIFICATION
FOR FACILITIES ISSUED FEDERALLY ENFORCEABLE EMISSION CAPS
SUBJECT TO 6 NYCRR PART 201-7**

FACILITY NAME: NYC DOT Hamilton Ave. **REPORTING PERIOD:** 9/1/05 to 1/30/06
Asphalt Plant

FACILITY DECID#: 2610200076 **REGULATION CAPPED:** 6NYCRR201-7

CONTAMINANT: Oxides of Nitrogen **CAS#:** ONY210-00-0

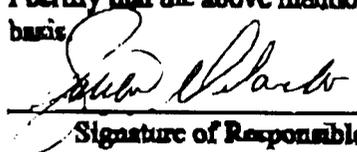
CAPPING PARAMETER/LIMIT: Asphalt Tons produced / 525,000 tons; Annually, Rolled monthly

PERMIT LEVEL: Facility

METHOD USED TO DETERMINE EMISSIONS: Capping

MONTH/YEAR	MONTHLY TOTAL	12 MONTH ROLLING TOTAL
Sept 2005	50,925	386,960
Oct 2005	53,439	386,540
Nov 2005	30,613	389,003
Dec 2005	19,570	383,464
Jan 2006	7,959	388,345

I certify that the above mentioned facility was in compliance with the permitted limit on a twelve month rolling basis.


Signature of Responsible Official

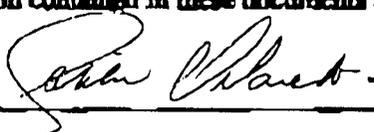
04-10-06
Date

MAR-31-2006 11:48

P.84

CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESSReport Type: Annual Reporting Period: 9/1/05 To 1/30/06DECID: 2610200076Facility Name: NYC Dept. of Transportation Hamilton Ave. Asphalt PlantAddress: 448 Hamilton Ave. & 14th Street
Brooklyn, New York 11232**FACILITY CONTACT:**Name: Anthony BordencaTitle: Director, Asphalt OperationsTelephone/Facsimile Number: (718) 369-4246 / (718) 369-4211**RESPONSIBLE OFFICIAL:**Name: Galileo OrlandoTitle: Assistant Commissioner-Roadway Repair & MaintenanceAddress: 59 Maiden Lane
37th Fl.
New York, NY 10038Telephone/Facsimile Number: (718) 487-8430 / (718) 487-8446*The Responsible Official must sign this statement after the applicable report form is completed.*

I certify, under penalty of law, that based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Signature of Responsible Official: Date: 04-10-06



**New York City
Department of Transportation**

Office of Environmental Compliance Assessment
40 Worth Street – Room 1015
New York, New York 10013
Tel: 212/442-7730
Fax: 212/442-8088

Iris Weinshall, Commissioner

Web: www.nyc.gov/dot

May 7, 2004

VIA OVERNIGHT MAIL

Elizabeth A. Clarke
New York State Department of Environmental Conservation
47-40 21st Street
One Hunters Point Plaza
Long Island City, NY 11101

Re: Hamilton Avenue Asphalt Plant State Facility Permit Application
ID# 6102-00076/00004

Dear Ms. Clarke:

Enclosed, please find one original and one copy of the air state facility permit application for the Hamilton Avenue Asphalt Plant. Please let me know if I can be of any assistance to you in expediting the processing of this application. The application includes a copy of DOT's current Certificate to Operate the Hamilton Avenue Plant.

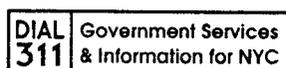
Thank you for your assistance in this matter.

Sincerely,

Heather J. Belovin, Esq.
Director

Enclosures

Cc: Gail Hintz, Esq. (DEC), w/o enclosures
Galileo Orlando (NYCDOT)
Tom Siano (NYCDOT)



New York State Department of Environmental Conservation Air Permit Application



DEC ID											
6	-	1	0	0	0	-	0	0	0	7	2

Section III - Facility Information

Classification										
<input type="checkbox"/> Hospital	<input type="checkbox"/> Residential	<input type="checkbox"/> Educational/Institutional	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Utility					

Affected States (Title V Only)									
<input type="checkbox"/> Vermont	<input type="checkbox"/> Massachusetts	<input type="checkbox"/> Rhode Island	<input type="checkbox"/> Pennsylvania	Tribal Land: _____					
<input type="checkbox"/> New Hampshire	<input type="checkbox"/> Connecticut	<input type="checkbox"/> New Jersey	<input type="checkbox"/> Ohio	Tribal Land: _____					

SIC Codes									
2951									

Facility Description									Continuation Sheet(s)
<i>SEE CONTINUATION SHEET</i>									

Compliance Statements (Title V Only)									
<p>I certify that as of the date of this application the facility is in compliance with all applicable requirements: • YES • NO</p> <p>If one or more emission units at the facility are not in compliance with all applicable requirements at the time of signing this application (the 'NO' box must be checked), the noncomplying units must be identified in the "Compliance Plan" block on page 8 of this form along with the compliance plan information required. For all emission units at this facility that are operating <u>in compliance</u> with all applicable requirements complete the following:</p> <ul style="list-style-type: none"> This facility will continue to be operated and maintained in such a manner as to assure compliance for the duration of the permit, except those units referenced in the compliance plan portion of Section IV of this application. For all emission units, subject to any applicable requirements that will become effective during the term of the permit, this facility will meet all such requirements on a timely basis. Compliance certification reports will be submitted at least once a year. Each report will certify compliance status with respect to each requirement, and the method used to determine the status. 									

Facility Applicable Federal Requirements									Continuation Sheet(s)
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

Facility State Only Requirements									Continuation Sheet(s)
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	201	5						
		201	3						
		212							



DEC ID											
6	-	1	0	0	0	-	0	2	0	7	2

Section II - Identification Information

Project Description (continuation)

THIS IS A MUNICIPAL OPERATED FACILITY PRODUCING
HOT MIX ASPHALT UTILIZING A DRUM TYPE DESIGN.
THE DESIGN INCORPORATES AN ULTRAPIANT BURNER
WITH A COUNTER FLOW DRYER SECTION. THE PRIMARY
COLLECTOR IS A BAGHOUSE WITH A CYCLONE
SEPERATOR AS A PRELIMINARY. FINISHED MATERIAL
IS DISPENSED THROUGH SILOS.

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
0-1000-00072

Section III - Facility Information (continued)

Facility Compliance Certification										Continuation Sheet(s)
Rule Citation										
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause	
6	N/CRR	212								
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping	CAS No.		Contaminant Name					
			NY 998 - 00 - 0		VOC					
Monitoring Information										
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Work Practice Involving Specific Operations			<input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description								
		Parameter				Manufacturer Name/Model No.				
Code		Description								
Limit		Limit Units								
Upper	Lower	Code		Description						
24.9		3B								
Averaging Method		Monitoring Frequency				Reporting Requirements				
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	
17		05		10						

Facility Emissions Summary					Continuation Sheet(s)
CAS No.	Contaminant Name	PTE		Actual (lbs/yr)	
		(lbs/yr)	Range Code		
NY075 - 00 - 5	PM-10				
NY075 - 00 - 0	PARTICULATES	30 600	C	1120	
7446 - 09 - 5	SULFUR DIOXIDE				
NY210 - 00 - 0	OXIDES OF NITROGEN	49 600	C	27772	
630 - 08 - 0	CARBON MONOXIDE	99 000	E	99 000	
7439 - 92 - 1	LEAD				
NY998 - 00 - 0	VOC	49 600	C	25990	
NY100 - 00 - 0	HAP				
-	-				
-	-				
-	-				
-	-				
-	-				

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
6-1000-00072

Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping	CAS No.		Contaminant Name				
			NY210-00-0		OXIDES OF NITROGEN				
Monitoring Information									
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Work Practice Involving Specific Operations			<input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures				
Description									
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code		Description							
Limit		Limit Units							
Upper	Lower	Code	Description						
24.9		SB							
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description		Code	Description		Code	Description		
17			05			10			
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping	CAS No.		Contaminant Name				
			NY215-00-0		PM				
Monitoring Information									
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Work Practice Involving Specific Operations			<input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures				
Description									
OBSERVE, RECORD & MAINTAIN TEMPERATURE AND PRESSURE DROP AT BAGHOUSE, FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code		Description							
Limit		Limit Units							
Upper	Lower	Code	Description						
0.04		12							
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description		Code	Description		Code	Description		
60			14			10			

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
6-1000-02072

Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
<input type="checkbox"/> Applicable Federal Requirement <input checked="" type="checkbox"/> State Only Requirement		<input checked="" type="checkbox"/> Capping	CAS No.			Contaminant Name			
Monitoring Information <input type="checkbox"/> Ambient Air Monitoring <input type="checkbox"/> Work Practice Involving Specific Operations <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures									
Description									
<i>OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN</i>									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code		Description							
Limit		Limit Units							
Upper	Lower	Code	Description						
20		136							
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description		Code	Description		Code	Description		
44			14			10			
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
<input type="checkbox"/> Applicable Federal Requirement <input type="checkbox"/> State Only Requirement		<input type="checkbox"/> Capping	CAS No.			Contaminant Name			
Monitoring Information <input type="checkbox"/> Ambient Air Monitoring <input type="checkbox"/> Work Practice Involving Specific Operations <input type="checkbox"/> Record Keeping/Maintenance Procedures									
Description									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code		Description							
Limit		Limit Units							
Upper	Lower	Code	Description						
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description		Code	Description		Code	Description		

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
6-1000-00072

Section IV - Emission Unit Information

Emission Unit Description					• Continuation Sheet(s)
EMISSION UNIT	-	2	1	1	2
STACK EXHAUST COMBINING FIVE FROM GAS BURNER, DRYER, PRIMARY COLLECTOR OPERATIONS AS WELL AS EXHAUST FROM CYCLONE SEPERATOR					

Building					• Continuation Sheet(s)	
Building	Building Name			Length (ft)	Width (ft)	Orientation
	DRUM AREA					

Emission Point							• Continuation Sheet(s)
EMISSION PT.	00008						
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
9	88	40	54	300	Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
62.46	59961						
EMISSION PT.							
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	

Emission Source/Control							• Continuation Sheet(s)	
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.	
ID	Type				Code	Description		
8	I	5/95						
Design Capacity	Design Capacity Units			Waste Feed		Waste Type		
	Code	Description		Code	Description	Code	Description	
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.	
ID	Type				Code	Description		
Design Capacity		Design Capacity Units			Waste Feed		Waste Type	
Code	Description		Code	Description	Code	Description		

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
6-1000-00070

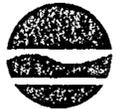
Section IV - Emission Unit Information (continued)

Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirements									Continuation Sheet(s)	
				Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause		Sub Clause
-														
-														
-														
-														

Emission Unit	Emission Point	Process	Emission Source	Emission Unit State Only Requirements									Continuation Sheet(s)	
				Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause		Sub Clause
- 2112	B	3												
-														
-														
-														

Emission Unit Compliance Certification										Continuation Sheet(s)
Rule Citation										
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause	
6	NYCRR	212								
• Applicable Federal Requirement			• State Only Requirement			• Capping				
Emission Unit	Emission Point	Process	Emission Source	CAS No.			Contaminant Name			
- 2112	B	3		NY210-00-0			OXIDES OF NITROGEN			
Monitoring Information										
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 					<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations Record Keeping/Maintenance Procedures 					
Description										
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION; ASPHALT PRODUCED DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description								
Parameter		Manufacturer Name/Model No.								
Code	Description									
Limit			Limit Units							
Upper	Lower	Code	Description							
24.9		30								
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
17			05			10				

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
0-1000-000072

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
- 2112	B	3		HY990-00-0		VOC			
Monitoring Information									
<ul style="list-style-type: none"> • Continuous Emission Monitoring • Intermittent Emission Testing • Ambient Air Monitoring 					<ul style="list-style-type: none"> • Monitoring of Process or Control Device Parameters as Surrogate • Work Practice Involving Specific Operations • Record Keeping/Maintenance Procedures 				
Description									
OBSERVE RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION; ASPHALT PRODUCED DAILY, MONTHLY & ANNUAL. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
24.9		30							
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
17		05		10					
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
- 2112	B	3		NY990-00-0		PM			
Monitoring Information									
<ul style="list-style-type: none"> • Continuous Emission Monitoring • Intermittent Emission Testing • Ambient Air Monitoring 					<ul style="list-style-type: none"> • Monitoring of Process or Control Device Parameters as Surrogate • Work Practice Involving Specific Operations • Record Keeping/Maintenance Procedures 				
Description									
OBSERVE RECORD & MAINTAIN TEMPERATURE & PRESSURE DROP AT BAGHOUSE. FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
		Parameter				Manufacturer Name/Model No.			
Code	Description								
Limit		Limit Units							
Upper	Lower	Code	Description						
0.04		12							
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
60		14		10					

New York State Department of Environmental Conservation
Air Permit Application



DEC ID
6-1000-00072

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212							
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
- 212	8	3		-		OPACITY			
Monitoring Information									
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 			<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations Record Keeping/Maintenance Procedures 						
Description									
OBSERVE, RECORD & MAINTAIN HOURS OF PLANT OPERATION & PRODUCTION; ASPHALT PRODUCED DAILY; MONTHLY; ANNUAL FOLLOW ESTABLISHED OPERATION & MAINTENANCE PLAN									
Work Practice	Process Material			Reference Test Method					
Type	Code	Description							
Parameter			Manufacturer Name/Model No.						
Code	Description								
Limit			Limit Units						
Upper	Lower	Code	Description						
20		136							
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description	Code	Description	Code	Description	Code	Description		
44		14		10					
Rule Citation									
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
• Applicable Federal Requirement			• State Only Requirement			• Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name			
-				-					
Monitoring Information									
<ul style="list-style-type: none"> Continuous Emission Monitoring Intermittent Emission Testing Ambient Air Monitoring 			<ul style="list-style-type: none"> Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations Record Keeping/Maintenance Procedures 						
Description									
Work Practice	Process Material			Reference Test Method					
Type	Code	Description							
Parameter			Manufacturer Name/Model No.						
Code	Description								
Limit			Limit Units						
Upper	Lower	Code	Description						
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description	Code	Description	Code	Description	Code	Description		

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Section IV - Emission Unit Information (continued)

Determination of Non-Applicability (Title V Only)										Continuation Sheet(s)					
Rule Citation															
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause						
Emission Unit	Emission Point	Process	Emission Source			<ul style="list-style-type: none"> • Applicable Federal Requirement • State Only Requirement 									
Description															
Rule Citation															
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause						
Emission Unit	Emission Point	Process	Emission Source			<ul style="list-style-type: none"> • Applicable Federal Requirement • State Only Requirement 									
Description															
Rule Citation															
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause						
Emission Unit	Emission Point	Process	Emission Source			<ul style="list-style-type: none"> • Applicable Federal Requirement • State Only Requirement 									
Description															
Process Emissions Summary										Continuation Sheet(s)					
EMISSION UNIT	-	2	1	1	2	PROCESS				3					
CAS No.	NY075-00-0			PM		% Thruput		% Capture		% Control	99.97	ERP E (lbs/hr)	25116	RP How Determined	
PTE			Standard Units		PTE How Determined		Actual								
(lbs/hr)	(lbs/yr)	(standard units)					(lbs/hr)	(lbs/yr)							
20.5	30,800						7.41	11,120							
EMISSION UNIT	-	2	1	1	2	PROCESS				3					
CAS No.	NY99B-00-0			VOC		% Thruput		% Capture		% Control	82.7	ERP E (lbs/hr)	100	RP How Determined	
PTE			Standard Units		PTE How Determined		Actual								
(lbs/hr)	(lbs/yr)	(standard units)					(lbs/hr)	(lbs/yr)							
	49,800						17.29	25,940							
EMISSION UNIT	-	2	1	1	2	PROCESS				3					
CAS No.	NY210-00-0			OXIDES OF NITROGEN		% Thruput		% Capture		% Control	28.4	ERP E (lbs/hr)	25.8	RP How Determined	
PTE			Standard Units		PTE How Determined		Actual								
(lbs/hr)	(lbs/yr)	(standard units)					(lbs/hr)	(lbs/yr)							
	49,800						18.48	27,972							

New York State Department of Environmental Conservation
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Section IV - Emission Unit Information

Process Emissions Summary (continuation)										
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name			% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined		
00063 08 - 0	CARBON MONOXIDE					0	66.0			
PTE			Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)				
	99,000				66.0	99,000				
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name			% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined		
-										
PTE			Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)				
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name			% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined		
-										
PTE			Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)				
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name			% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined		
-										
PTE			Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)				
EMISSION UNIT							PROCESS			
CAS No.	Contaminant Name			% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined		
-										
PTE			Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)	(standard units)			(lbs/hr)	(lbs/yr)				

New York State Department of Environmental Conservation
Air Permit Application



DEC ID										
6	-	1	0	0	-	0	D	0	7	2

Section IV - Emission Unit Information (continued)

EMISSION UNIT		Emission Unit Emissions Summary				Continuation Sheet(s)
- 21112						
CAS No.		Contaminant Name				
NY075-00-0		PM				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
37,674,000	20.5	30,800	7.41	11,120		
CAS No.		Contaminant Name				
NY998-00-0		VOC				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
150,000	33.2	49,800	17.29	25,940		
CAS No.		Contaminant Name				
NY210-00-0		OXIDES OF NITROGEN				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
38,700	33.2	49,800	18.48	27,772		
CAS No.		Contaminant Name				
00063-08-0		CARBON MONOXIDE				
ERP (lbs/yr)	PTE Emissions		Actual			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
99,000	66	99,000	66	99,000		

Compliance Plan													Continuation Sheet(s)
For any emission units which are <u>not in compliance</u> at the time of permit application, the applicant shall complete the following													
Consent Order			Certified progress reports are to be submitted every 6 months beginning ___/___/___										
Emission Unit	Process	Emission Source	Applicable Federal Requirement										
			Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause	
Remedial Measure / Intermediate Milestones											R/I	Date Scheduled	

**New York State Department of Environmental Conservation
Air Permit Application**

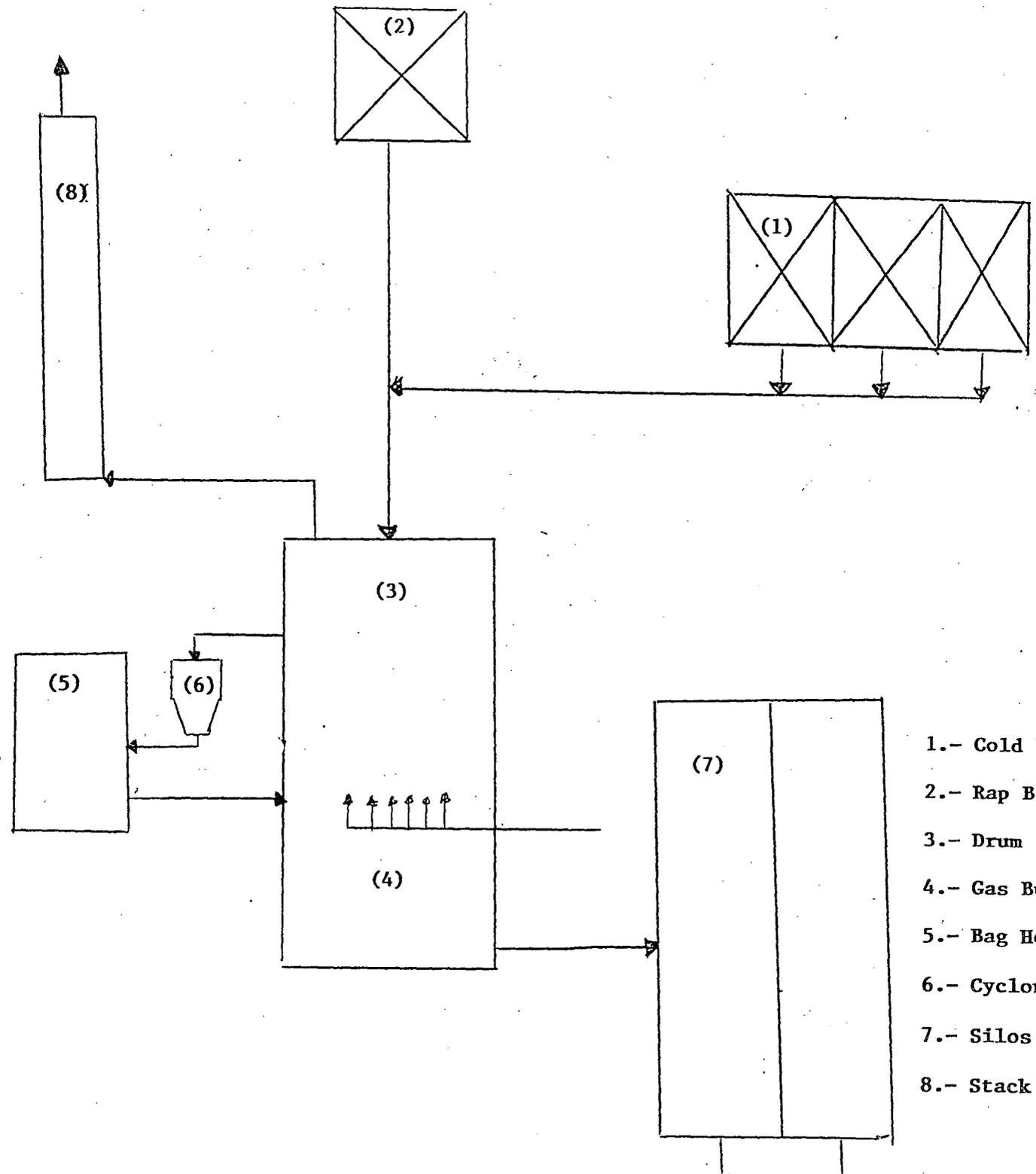


DEC ID											
6	-	1	0	0	0	-	0	0	0	7	2

Section IV - Emission Unit Information (continued)

Request for Emission Reduction Credits										• Continuation Sheet(s)													
EMISSION UNIT		-								Emission Reduction Description													
Contaminant Emission Reduction Data																							
Baseline Period										/		/		to		/		/		Reduction			
										Date				Method									
										/		/											
CAS No.				Contaminant Name						ERC (lbs/yr)													
										Netting		Offset											
-				-																			
-				-																			
-				-																			
Facility to Use Future Reduction																							
Name										APPLICATION ID													
										-				/									
Location Address																							
• City / • Town / • Village										State				Zip									

Use of Emission Reduction Credits										• Continuation Sheet(s)											
EMISSION UNIT		-								Proposed Project Description											
Contaminant Emissions Increase Data																					
CAS No.				Contaminant Name						PEP (lbs/yr)											
-				-																	
Statement of Compliance																					
<p>• All facilities under the ownership of this "ownership/firm" are operating in compliance with all applicable requirements and state regulations including any compliance certification requirements under Section 114(a)(3) of the Clean Air Act Amendments of 1990, or are meeting the schedule of a consent order.</p>																					
Source of Emission Reduction Credit - Facility																					
Name										PERMIT ID											
										-				/							
Location Address																					
• City / • Town / • Village										State				Zip							
Emission Unit		CAS No.		Contaminant Name						ERC (lbs/yr)											
										Netting		Offset									
-		-		-																	
-		-		-																	
-		-		-																	



- 1.- Cold Feed Bins
- 2.- Rap Bin
- 3.- Drum
- 4.- Gas Burner
- 5.- Bag House
- 6.- Cyclone Separator
- 7.- Silos
- 8.- Stack

NYC DOT
 Hamilton Avenue
 Asphalt Plant

New York State Department of Environmental Conservation
Air Permit Application



DEC ID											
4	-	1	0	0	0	-	0	0	0	7	2

METHODS USED TO DETERMINE COMPLIANCE		
Emission Unit ID	Applicable Requirement	Method Used to Determine Compliance and Corresponding Date
2112		RECORD KEEPING / SEE MAINTENANCE RECORDS SEE ATTACHED.

12/21/01

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVE., BROOKLYN

Record Keeping/Maintenance Method Of Compliance

The permittee shall develop and establish an acceptable Operating and Maintenance Plan, including an Operation and Maintenance Manual. This plan is to be submitted to NYSDEC upon request. The plan, shall include, but not be limited to:

- A description of the process including controls.
- Operating, Reporting and record keeping procedures.
- Schedule and items for maintenance.
- Training procedures.
- The name and tinkle of operating personnel and their qualifications (e.g. licenses, certificates, education, training courses completed, etc...)
- The following data shall be recorded in a log maintained on site:
 - ◆ Daily hours of operation
 - ◆ Asphalt production in tons per day
 - ◆ Monthly total of asphalt production
 - ◆ Annual total rolled on a monthly basis to reflect the previous twelve consecutive months.
 - ◆ VOC, CO, Nox emissions for the month and the previous 12 consecutive months.
 - ◆ Temperature and Pressure drops for the bag house.

Recycled glass will not be used in the mix.

The Permittee shall keep records of its asphalt production and make available upon request to NYSDEC, the amounts of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years.

The NYSDEC is to be notified as soon as possible during normal working hours, but in any event, not later than two working days after becoming aware of any malfunction or any operational problem which causes to exceed of any emission limit or other applicable standard.

03082010_Govanus_DOT_HAM Pt

OP LOCATION FACILITY EMISSION POINT
610000DOT2000011

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES
WHITE - ORIGINAL
GREEN - DIVISION OF AIR
WHITE - REGIONAL OFFICE
PINK - FIELD REP
YELLOW - APPLICANT



A ADD
C CHANGE
D DELETE

READ INSTRUCTIONS
CONTAINED IN
FORM 76-11-12
BEFORE ANSWERING
ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM
APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

S E C T I O N A	1. NAME OF OWNER/FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co., Inc.			10. TELEPHONE (914) 496-1600		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)		
	2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS 22 Sarah Wells Trail			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)				
	3. CITY-TOWN-VILLAGE Brooklyn		4. STATE NY	5. ZIP 11323	12. CITY-TOWN-VILLAGE Campbell Hall		13. STATE NY	14. ZIP 10916	21. CITY-TOWN-VILLAGE		22. ZIP
	6. OWNER CLASSIFICATION E <input type="checkbox"/> STATE H <input type="checkbox"/> HOSPITAL A <input type="checkbox"/> COMMERCIAL C <input type="checkbox"/> UTILITY F <input checked="" type="checkbox"/> MUNICIPAL I <input type="checkbox"/> RESIDENTIAL B <input type="checkbox"/> INDUSTRIAL D <input type="checkbox"/> FEDERAL G <input type="checkbox"/> EDUC. INST. J <input type="checkbox"/> OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Kevin L. Patton		16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 072197	17. TELEPHONE (914) 496-1600		23. BUILDING NAME OR NUMBER Hot Mix Asphalt Plant		24. FLOOR NAME OR NUMBER First
7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations			8. TELEPHONE (718) 788-4516		18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT			25. START UP DATE 05 / 95 MO / YR		26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392	
						27. PERMIT TO CONSTRUCT A. <input type="checkbox"/> NEW SOURCE B. <input type="checkbox"/> MODIFICATION		28. CERTIFICATE TO OPERATE A. <input type="checkbox"/> NEW SOURCE C. <input type="checkbox"/> EXISTING SOURCE B. <input checked="" type="checkbox"/> MODIFICATION			

S E C T I O N B	29. EMISSION POINT ID.	30. GROUND ELEVATION (FT)	31. HEIGHT ABOVE STRUCTURES (FT)	32. STACK HEIGHT (FT)	33. INSIDE DIMENSIONS (IN)	34. EXIT TEMP (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE 2112	38. HRS/DAY 7.5 16	39. DAYS/YR 200	40. % OPERATION BY SEASON Winter Spring Summer Fall 0 5 4 0 4 0 1 5			
		9	9	40	88	54	300	62.46	59961						

S E C T I O N C	41. DESCRIBE PROCESS OR UNIT	1. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse							
		3.							
		5.							
		7.							

S E C T I O N D	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER		DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
	42 6	43 10	44 Gencor Inc. Model 350, Model UF-100		45 3	46 04 / 95	47 20
	48 9	49 08	50 Gencor Inc. Model 132		51 3	52 04 / 95	53 20

CALCULATIONS See Attached Sheets.
For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited.

The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO emissions, as described in the attached letter.

DOT P HAM 00001102

03082010_Gowanus_DOT_HAM Pt

S E C T O R	CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS				% CONTROL EFFIC'Y	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
	NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ^x	PERMISSIBLE
54	Particulates-Feldspar, Quartz, Calcite	55	56	57	58	59	60	61	62	63	64	65	66	67	68
		NY 0 7 5 - 0 0 - 0	350	13		0.030	20	1		99.971	25116	7.41	1.112	4	
69	Volatile=Organic Compounds Methane Formaldehyde, Benzene	69	71	72	73	74	75	76	77	78	79	80	81	82	83
		NY 9 9 8 - 0 0 - 0	350	13		17.29	1	1		82.7	100	17.29	2.594	4	
84	Nitrogen, Oxides: No, No ₂	85	86	87	88	89	90	91	92	93	94	95	96	97	98
		NY 2 1 0 - 0 0 - 0	350	13		0.189	11	1		28.4	25.8	18.48	2.772	4	
99	Carbon Monoxide	100	101	102	103	104	105	106	107	108	109	110	111	112	113
		0 0 0 6 3 - 0 8 - 0	350	13		1.078	51	3		0	66.0	66.0	9.900	5	
114		115	116	117	118	119	120	121	122	123	124	125	126	127	128
129		130	131	132	133	134	135	136	137	138	139	140	141	142	143

S E C T O R	SOLID FUEL			OIL			GAS			APPLICABLE	APPLICABLE
	TYPE	TONS/YR	% S	TYPE	THOUSANDS OF GALLONS / YR	% S	TYPE	THOUSANDS OF CF/YR	BTU/CF	RULE	RULE
144	145	146	147	148	149	150	151	152	153	154	
						52	195894	1000	212		

Upon completion of construction sign the statement listed below and forward to the appropriate field representative
 THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155 SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT: *Kevin L. [Signature]* DATE: 2/28/97

156 LOCATION CODE	157 FACILITY ID. NO.	158 U.T.M. (E)	159 U.T.M. (N)	160 SIC NUMBER	161 DATE APPL RECEIVED	162 DATE APPL REVIEWED	163 REVIEWED BY
610000	DOT 2	5846	5024	1752	7/1	09/14/98	Meen George

PERMIT TO CONSTRUCT			
164 DATE ISSUED	165 EXPIRATION DATE	166 SIGNATURE OF APPROVAL	167 FEE
/ /	/ /	[Signature]	

168
 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT.
 2. THIS IS NOT A CERTIFICATE TO OPERATE.
 3. TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE.

RECOMMENDED ACTION RE: C.O.			
169 DATE ISSUED	170 EXPIRATION DATE	171 SIGNATURE OF APPROVAL	172 FEE
5/11/99	5/11/04	[Signature]	

173
 1. INSPECTED BY _____ DATE _____
 2. INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM.
 3. ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT.
 4. APPLICATION FOR C.O. DENIED. DATE _____ INITIALED: _____

174. SPECIAL CONDITIONS:

1	SEE SPECIAL CONDITIONS DATED	2	SEPT 14, 98 ATTACHED
3		4	
5		6	
7		8	

DOT P HAM 00001103

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT HAMILTON AVENUE, BROOKLYN
SEPTEMBER 14, 1998

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID: 610000DOT2 00001

EMISSION LIMITS

1. This emission source is subject to 6NYCRR Part 212 and federal New Source Performance Standards for Asphalt Plants under 40CFR60 Subpart I.
2. The facility wide emissions of Nitrogen Oxides (NO_x) shall be limited to 24.9 tons based on a 12 month period rolled monthly.
3. The facility wide emission of Volatile organic compounds (VOC) shall be limited to 24.9 tons based on a 12-month period rolled monthly.
4. Production of asphalt at this facility shall not exceed 525,000 tons in any consecutive twelve (12) month period.
5. Particulate matter emissions shall not exceed 0.04 grains per dry standard cubic foot.
6. Emissions from this source shall not exceed twenty (20) percent opacity over any consecutive six (6) minute average.
7. The Permittee shall not cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. This emission limit applies, but not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in a combination with others.

MONITORING AND RECORD KEEPING

8. The Permittee shall develop and establish an acceptable Operating and Maintenance plan including an 'Operation & Maintenance Manual. This plan shall be submitted to NYSDEC within two months of issuance of the permit. This plan shall include, but not be limited to, the following:
 - a. A description of the process including controls
 - b. Operating, Reporting and record keeping procedures
 - c. Schedule and items for maintenance
 - d. Training procedures
 - e. The name and title of operating personnel and their qualifications (e.g., licences, certificates education, training course completed)

9. The following data shall be recorded in a log maintained on site:
 - Daily hours of Plant operation
 - Asphalt production in tons per day
 - Monthly total of asphalt production
 - Annual total, rolled on a monthly basis to reflect previous twelve consecutive months.
 - VOC, CO, NO_x emissions for the month and the previous 12 consecutive months.
 - Temperature, Pressure drops for the bag house
10. Recycled glass shall not be used in the mix .

NOTIFICATIONS AND REPORTING

11. Permittee shall keep records of its asphalt production and report to New York State Department of Environmental Conservation at the end of each month, the amounts of RAP and regular asphalt produced. The production records shall be kept on site for a minimum of three years and must be made available for review upon request by a NYSDEC representative.
12. The Department must be notified as soon as possible during normal working hours, but in any event not later than two working days after becoming aware of any malfunction or any operational problem which causes exceedence of any emission limit or other standard.

S E C T O R	CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS				% CONTROL EFFIC'Y	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
	NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ^x	PERMISSIBLE
54	Particulates-Feldspar, Quartz, Calcite	55 N Y 0 7 5 - 0 0 - 0	56 350	57 13	58	59 0.030	60 20	61 1	62	63 99.971	64 25116	65 7.41	66 1.112	67 4	68
69	Volatile-Organic Compounds	70	71	72	73	74	75	76	77	78	79	80	81 2.594	82	83
84	Methane Formaldehyde, Benzene	85 N Y 9 9 8 - 0 0 - 0	86 350	87 13	88	89 17.29	90 1	91 1	92	93 82.7	94 100	95 17.29	96 5.533	97 4	98
99	Nitrogen, Oxides: No, No ₂	100 N Y 2 1 0 - 0 0 - 0	101 350	102 13	103	104 0.189	105 11	106 1	107	108 28.4	109 25.8	110 18.48	111 2.772	112 4	113
114	Carbon Monoxide	115 0 0 0 6 3 0 8 - 0	116 350	117 13	118	119 1.078	120 51	121 3	122	123 0	124 66.0	125 66.0	126 2.112	127 5	128
129		130	131	132	133	134	135	136	137	138	139	140	141	142	143

S E C T O R	SOLID FUEL			OIL			GAS			APPLICABLE RULE	APPLICABLE RULE
	TYPE	TONS/YR	%S	TYPE	THOUSANDS OF GALLONS /YR	%S	TYPE	THOUSANDS OF CF/YR	BTU/CF		
144	145	146	147	148	149	150	151	152	153	154	
						52	195894	1000	212		

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155 SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT: *Kevin J. Roth* DATE: 2/28/99

156 LOCATION CODE	157 FACILITY ID. NO.	158 U.T.M. (E)	159 U.T.M. (N)	160 SIC NUMBER	161 DATE APPL. RECEIVED	162 DATE APPL. REVIEWED	163 REVIEWED BY:
610000	DOT2	5846	5024	1752	/ /	09/14/98	Meem George

PERMIT TO CONSTRUCT			
164 DATE ISSUED	165 EXPIRATION DATE	166 SIGNATURE OF APPROVAL	167 FEE
/ /	/ /	<i>[Signature]</i>	

168. 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT
2. THIS IS NOT A CERTIFICATE TO OPERATE
3. TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE

RECOMMENDED ACTION RE: C.O.			
169 DATE ISSUED	170 EXPIRATION DATE	171 SIGNATURE OF APPROVAL	172 FEE
5/11/99	5/11/04	<i>[Signature]</i>	

173. 1. INSPECTED BY _____ DATE _____
2. INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM
3. ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT
4. APPLICATION FOR C.O. DENIED _____ DATE _____ INITIALED _____

174. SPECIAL CONDITIONS:

1. SEE SPECIAL CONDITIONS DATED	2. SEPT 14, 98 ATTACHED
3.	4.
5.	6.
7.	8.



**State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 414, Trenton, NJ 08625-0414**

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved

OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C.E.S. Q.G.		Manifest Document No. 11216811		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address 448 HAMILTON AVE BROOKLYN, NY New York City Department of Transportation				A. State Manifest Document Number NJA 5212681		B. State Generator's ID-(Gen. Site Address) SAME			
4. Generator's Phone (718) 762-5200		6. US EPA ID Number NJ00000127193		C. State Trans. ID-NJDEP S-5811		Decal No.- 08D200			
5. Transporter 1 Company Name CLEAN VENTURE INC		8. US EPA ID Number		D. Transporter's Phone (908) 354-0210		E. State Trans. ID-NJDEP			
7. Transporter 2 Company Name		10. US EPA ID Number		F. Transporter's Phone ()		G. State Facility's ID			
9. Designated Facility Name and Site Address Cycle Chem Inc 217 South First Street Elizabeth, NJ 07206				10. US EPA ID Number NJD002200046		H. Facility's Phone (908) 355-5800			
11. US DOT Description (including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) H.M. Waste Flammable Liquid, N.O.S. X 3 UN1993 Pt II						12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
						001DM00055 G	000,0018		
J. Additional Descriptions for Materials Listed Above L.I.E GASOLINE TANK a. BOTTOMS 100%						K. Handling Codes for Wastes Listed Above S.O.			
15. Special Handling Instructions and Additional Information ERT#128 A) ROI-0/ 24 hr Emergency Response # 908-354-0210 Plate # X3330B AHW! DQUINONES 939094									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this document are fully and accurately described above by proper shipping name and are packaged, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future hazard to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me which I can afford.									
Printed/Typed Name RITA MOND AKIS				Signature <i>[Signature]</i>		Month Day Year 11 21 05			
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name Kevin Perez				Signature <i>[Signature]</i>		Month Day Year 01 20 05			
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature		Month Day Year			
19. Discrepancy Indication Space 3) 11/21/5									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name HELEN ELLIS				Signature <i>[Signature]</i>		Month Day Year 05 09 05			



201 S. First Street
Elizabeth, NJ 07206



New York City Dept. of Transportation
448 Hamilton Avenue
Brooklyn, NY 11215

11232+1015

SCRN: BARSSNI1



189/99

DEPT OF ENVIRONMENTAL PROTECTION
NOTICE MENU SCREEN

DATE: 5/18/99

TIME: 14:44:13

DATE ISSUED:

BUREAU OF AIR RESOURCES
59-17 JUNCTION BLVD., CORONA, N.Y. 11368
RECORD CONTROL
(718) 595-3855

JOEL A. MIELE SR., P.E.
Commissioner

FACILITY NO.: 3 X07V
INSTALLATION: CA081099N
EXPIRES ON: 05/11/02

INSTALLER:
PEROTTO ASSOCIATES\ROBERT
51 OAK HILL DRIVE
OYSTER BAY NY 11771

OWNER:
NYC DEPT OF TRANSPORTAION
40 WORTH STREET
MANHATTAN NY 10013

PREMISES ADDRESS:
DEPT OF TRANSPORTATION
422 HAMILTON AVENUE
BROOKLYN NY 11231

FLOOR:
BORO: BROOKLYN

CMD: _____ MSG: _____
SCRN: BARSSAE4 DEPT OF ENVIRONMENTAL PROTECTION
TERM: 0466 APPLICATION ENTRY/UPDATE
REGISTRATION - COMBUSTION

DATE: 5/18/99
TIME: 14:44:45

INSTALLATION NUMBER: CA081099N

BOILER MAKE AND MODEL: HB SMITH, ESA-7 (2)
NUMBER OF IDENTICAL UNITS: 2

BURNER MAKE AND MODEL: POWERFLAME, C2-G15 (2)

AVERAGE USE: HRS/DAY: 3.0 DAYS/WEEK: 7.0 WKS/YR: 52.0

FUEL TYPE (2,4,G,M): G MAX FIRING RATE: 2100.00 UNITS: CFH

BTU/HR RATING: 2100000

CMD: _____ MSG: _____ CERTIFICATE OF OPERATION/REGISTRATION

THE HOLDER OF THIS CERTIFICATE IS RESPONSIBLE FOR THE USE OF THE EQUIPMENT IN ACCORDANCE WITH ALL THE APPLICABLE REQUIREMENTS AND PROVISIONS OF THE NEW YORK AIR POLLUTION CONTROL CODE. VIOLATIONS OF THE AIR POLLUTION CONTROL CODE CAN RESULT IN THE IMPOSITION OF PENALTIES BY THE ENVIRONMENTAL CONTROL BOARD.

THIS CERTIFICATE MUST BE POSTED IN THE VICINITY OF THE DESIGNATED EQUIPMENT. IT MAY NOT BE TRANSFERRED TO ANY OTHER EQUIPMENT.

APPLICATION FOR RENEWAL OF THIS CERTIFICATE MUST BE FILED AT THE BUREAU OF AIR RESOURCES NO LATER THAN NINETY DAYS PRIOR TO THE EXPIRATION DATE.

FORMS
APC 510 AR 335, 137-B

R.A. HODGE, P.E.,
DIRECTOR OF ENGINEERING



Reorder From
The Drawing Board
 P.O. Box 2944 • Hartford, CT 06104-2944
 Call Toll Free: 1-800-527-9530

NOTE-O-GRAM®

REORDER ITEM # NR73

TM Mechanical Corp.
ATLANTIC BOILER CO., INC.

91-17 LIBERTY AVENUE • OZONE PARK, NEW YORK 11417 • (718) 848-7500 • FAX (718) 738-2743

MESSAGE**REPLY**

TO N.Y.C. Dept. of Transportation
2/22 Hamilton Avenue
Brooklyn, NY 11231

DATE 7-13-99

DATE

Dear Mr. Siano:

Attached please find a copy of Certificate of Operation/Registration for Hamilton Avenue.

This certificate should be posted near the equipment. As per Bob Nickerson it should already be posted.

If you have any questions please call.

Also I forwarded a copy to Mr. Bob

Murphy.

Thank you!

SIGNED

Jessica Rapparello

BY

Reorder Item # NR73 The Drawing Board, P.O. Box 2944, Hartford, CT 06104-2944
 © EGI, 1982, Printed in U.S.A.

INSTRUCTIONS TO SENDER:

1. KEEP YELLOW COPY. 2. SEND WHITE AND PINK COPIES INTACT.

INSTRUCTIONS TO RECEIVER:

1. WRITE REPLY. 2. DETACH STUB, KEEP PINK COPY, RETURN WHITE COPY TO SENDER.



Reorder From:
The Drawing Board®
 P.O. Box 2944 • Hartford, CT 06104-2944
 Call Toll Free: 1-800-527-9530

NOTE-O-GRAM®

REORDER ITEM # NR73

TM Mechanical Corp.
ATLANTIC BOILER CO., INC.

91-17 LIBERTY AVENUE • OZONE PARK, NEW YORK 11417 • (718) 848-7500 • FAX (718) 738-2743

M E S S A G E

R E P L Y

TO: *Nyc Dept. of Transportation*
432 Hametton Avenue
Brooklyn, NY 11231

DATE *7-13-99*

DATE
Dear Mr. Saxo:

Attached please find a copy of Certificate of Operation/Registration for Hametton Avenue.

This certificate should be posted near the equipment. As per Bob Nickerson it should already be posted.

If you have any questions please call:

Also I forwarded a copy to Mr. Bob

Murphy.
Thank You!

SIGNED *Jessica Rappinello*

BY
 Reorder Item # NR73 The Drawing Board, P.O. Box 2944, Hartford, CT 06104-2944
 © EGI, 1982. Printed in U.S.A.

RECIPIENT KEEP THIS COPY, RETURN WHITE COPY TO SENDER

03082010 Govanous DOT HAM PT

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES ORIGINAL DIVISION OF AIR REGIONAL OFFICE FIELD REP APPLICANT



OP LOCATION FACILITY EMISSION POINT

- A ADD C CHANGE D DELETE

READ INSTRUCTIONS CONTAINED IN FORM 76-11-12 BEFORE ANSWERING ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

Form sections 1-28: 1. NAME OF OWNER/FIRM (City of New York), 2. NUMBER AND STREET ADDRESS (448 Hamilton Avenue), 3. CITY-TOWN-VILLAGE (Brooklyn), 4. STATE (NY), 5. ZIP (11323), 6. OWNER CLASSIFICATION (Municipal), 7. NAME & TITLE OF OWNERS REPRESENTATIVE (Thomas Siano), 8. TELEPHONE ((718)788-4516), 9. NAME OF AUTHORIZED AGENT (Advance Testing Co. Inc.), 10. TELEPHONE (914-496-1600), 11. NUMBER AND STREET ADDRESS (RD 1 Box 400 Sarah Wells Trail), 12. CITY-TOWN-VILLAGE (Campbell Hall), 13. STATE (NY), 14. ZIP (10916), 15. BUILDING NAME OR NUMBER (Hot Mix Asphalt Plant), 16. FLOOR NAME OR NUMBER (First), 17. NAME OF P.E. OR ARCHITECT (Kevin L. Patton), 18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT, 19. FACILITY NAME (if different from owner/firm), 20. FACILITY LOCATION (NUMBER AND STREET ADDRESS), 21. CITY-TOWN-VILLAGE, 22. ZIP, 23. BUILDING NAME OR NUMBER, 24. FLOOR NAME OR NUMBER, 25. START JP DATE (05 / 95), 26. DRAWING NUMBERS OF PLANS SUBMITTED (B-M20392), 27. PERMIT TO CONSTRUCT (Modification), 28. CERTIFICATE TO OPERATE (Modification).

Table with 10 columns: 29. EMISSION POINT ID., 30. GROUND ELEVATION (FT), 31. HEIGHT ABOVE STRUCTURES (FT), 32. STACK HEIGHT (FT), 33. INSIDE DIMENSIONS (IN), 34. EXIT TEMP (°F), 35. EXIT VELOCITY (FT/SEC), 36. EXIT FLOW RATE (ACFM), 37. SOURCE CODE, 38. HRS/DAY, 39. DAYS/YR, 40. % OPERATION BY SEASON (Winter, Spring, Summer, Fall).

Section 41: DESCRIBE PROCESS OR UNIT. Description: 'Utraplant' burner, counter flow dryer with primary collector, baghouse.

Table with 7 columns: 42. EMISSION CONTROL EQUIPMENT I.D., 43. CONTROL TYPE, 44. MANUFACTURER'S NAME AND MODEL NUMBER, 45. DISPOSAL METHOD, 46. DATE INSTALLED MONTH / YEAR, 47. USEFUL LIFE.

CALCULATIONS: See attached sheets. For questions 54, 69, and 84 the specific contaminants listed are the most common / typical constituents for the general type cited. Additional data is presented in the attached sheets.

MAY-09-1995 13:52 FROM NYS DEC R2

TO

99652930 P.02

DOT_P_HAM_00001112

02082010 Governor's DOT HAM Pt. DOT_P_HAM_00001113

ONE

MAY-09-1995 13:53 FROM NYS DEC R2

S E C T I O N	CONTAMINANT		INPUT OR PRODUCTION	UNIT	EVI. RATING	EMISSIONS				% CONTROL EFFIC'Y	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
	NAME	CAS NUMBER				ACTUAL	UNIT	HOW SET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ¹	PERMISSIBLE
54	Particulates-Feldspar, Quartz, Calcite	55	350	13	58	0.030	20	5		99.971	251.6	7.41	2.371	4	58
69	Volatile Organic Compounds Methane Formaldehyde, Benzene		350	13	73	9.66	1	5		90	100	9.66	3.091	4	83
84	Nitrogen Oxides: No, No		350	13	88	0.189	1	5		28.4	25.8	18.48	5.914	4	98
99	Carbon Monoxide		350	13	103	8.502 0.10	5	5		0	30.73 106.05	30.73 106.05	9.932 3.394	4 5	113
114															
129															

S E C T I O N	SOLID FUEL			OIL			GAS			APPLICABLE RULE	APPLICABLE RULE
	TYPE	TONS/YR	% S	TYPE	THOUSANDS OF GALLONS /YR	% S	TYPE	THOUSANDS OF CF/YR	BTU/CF		
144	145	146	147	148	149	150	151	152	153	154	
						52	195894	1000	2/2		

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155 SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT _____ DATE _____

156 LOCATION CODE	157 FACILITY ID. NO.	158 U.T.M. (E)	159 U.T.M. (N)	160 SIC NUMBER	161 DATE APPL RECEIVED	162 DATE APPL REVIEWED	163 REVIEWED BY
610000DOT2					3/29/95	3/29/95	[Signature]
PERMIT TO CONSTRUCT					168		
164 DATE ISSUED	165 EXPIRATION DATE	166 SIGNATURE OF APPROVAL		167 FEE	168		
5/9/95	5/9/98	John J. Luem			1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE		
RECOMMENDED ACTION RE. C.O.					173		
169 DATE ISSUED	170 EXPIRATION DATE	171 SIGNATURE OF APPROVAL		172 FEE	173		
/ /	/ /				1. <input type="checkbox"/> INSPECTED BY _____ DATE _____ 2. <input type="checkbox"/> INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM 3. <input type="checkbox"/> ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT 4. <input type="checkbox"/> APPLICATION FOR C.O. DENIED _____ DATE _____ INITIALS _____		
174 SPECIAL CONDITIONS:							
SEE ATTACHED SPECIAL CONDITIONS DATED MAY 9, 95.							

TO 99652930 P.03

MAY 9, 1995

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT 448 HAMILTON AVENUE, BROOKLYN

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID. 610000 DOT2 00001. *h.z.*

1. BY JUNE 15, 1995 SUBMIT TO NYSDEC A PROPOSAL FOR A PROTOCOL TO TEST THE STACK EMISSIONS OF PARTICULATES, VOLATILE ORGANIC COMPOUNDS (VOC), NITROGEN OXIDES (NO_x) AND, CARBON MONOXIDE (CO).
2. WITHIN 30 DAYS OF BEGINNING NORMAL OPERATION BEGIN TESTING THE STACK EMISSIONS OF PARTICULATES, VOC, NO_x AND CO.
3. WITHIN 60 DAYS OF COMPLETION OF THE STACK TEST SUBMIT TO DEC A REPORT OF THE RESULTS OF THE TEST, AND AN APPLICATION FOR A CERTIFICATE OF OPERATION.
4. THE PROPOSED ASPHALT PLANT REPLACES A PLANT THAT WAS DEMOLISHED IN JANUARY 1995.

THE MAXIMUM ANNUAL PRODUCTION CAPACITY OF THE OLD PLANT WAS :
280 TONS/HR x 24HRS/DAY x 365 DAY/YEAR = 2,452,800 T/Y.

THE MAXIMUM ANNUAL PRODUCTION CAPACITY OF THE PROPOSED PLANT IS :
350 x 24 x 365 = 3,066,000 T/Y

THE MAXIMUM ACTUAL ANNUAL PRODUCTION CAPACITY OF THE OLD PLANT WAS:
420,000 TONS/YEAR BASED ON THE AVERAGE ACTUAL ASPHALT PRODUCTION IN 1993 AND 1994

THE MAXIMUM PERMISSIBLE ACTUAL ANNUAL PRODUCTION CAPACITY OF THE PROPOSED PLANT IS 940,000 TONS/YEAR.

5. IF THE NO_x EMISSIONS EXCEED 25 TONS/YEAR, THE CERTIFICATE OF OPERATION APPLICATION MUST CONTAIN A DEMONSTRATION THAT THE NO_x EMISSIONS ARE BEING CONTROLLED DOWN TO AN EMISSION RATE THAT AMOUNTS TO NO_x-RACT AS DEFINED IN PART 212.10.
6. IF THE VOC EMISSIONS EXCEED 25 TONS/YEAR, THE CERTIFICATE OF OPERATION APPLICATION MUST DEMONSTRATE THAT THE VOC EMISSIONS ARE BEING CONTROLLED DOWN TO AN EMISSION RATE THAT AMOUNTS TO RACT AS DEFINED IN PART 212.

⊗

7. NYCDOT MUST KEEP RECORDS OF ITS ASPHALT PRODUCTION AND REPORT QUARTERLY TO NYSDEC THE AMOUNT OF ASPHALT OF ASPHALT PRODUCED.

8. THE APPLICANT AGREES TO "CAP-OUT" ITS ANNUAL EMISSION RATES OF ALL THE POLLUTANTS OF CONCERN (PM-10, NOx, VOC AND CO) TO AMOUNTS SMALLER THAN THOSE EMITTED BY A MAJOR FACILITY. THUS AS A MINOR FACILITY THE PLANT WILL EMIT LESS THAN 25 TONS/YEAR VOC AND NOx; LESS THAN 50 TONS/YEAR CO AND; LESS THAN 100 TONS/YEAR PM-10. NYCDOT AGREES TO "CAP-OUT" BY LIMITING ITS ASPHALT PRODUCTION TO LESS THAN 940,000 TONS OF ASPHALT PER YEAR.

9. IF THE STACK TEST RESULTS SHOW THAT THE APPLICANT HAS UNDERESTIMATED THE EMISSION RATES OF ONE OR MORE OF THE POLLUTANTS OF CONCERN (NOx, VOC, CO OR PM-10), THE APPLICANT AGREES TO LOWER ITS ANNUAL PRODUCTION BELOW 940,000 TONS IN ORDER TO MAINTAIN THE MINOR FACILITY STATUS OF THE FACILITY.



CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS				% CONTROL EFFIC'CY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)				
NAME	CAS NUMBER			ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ^x	PERMISSIBLE		
SECT	54. Particulates-Feldspar, Quartz, Calcite	55. NY 075-00-0	56. 350	57. 13	58. [REDACTED]	59. 0.030	60. 20	61. 5	62. [REDACTED]	63. 99.971	64. 25116	65. 7.41	66. 2.371	67. 4	68. [REDACTED]
	69. Volatile Organic Compounds Methane, Formaldehyde, Benzene	70. NY 998-00-0	71. 350	72. 13	73. [REDACTED]	74. 9.66	75. 1	76. 5	77. [REDACTED]	78. 90	79. 100	80. 9.66	81. 3.091	82. 4	83. [REDACTED]
	84. Nitrogen Oxides: No, No	85. NY 210-00-0	86. 350	87. 13	88. [REDACTED]	89. 0.189	90. 11	91. 5	92. [REDACTED]	93. 28.4	94. 25.8	95. 18.48	96. 5.914	97. 4	98. [REDACTED]
	99. Carbon Monoxide	100. 00063-08-0	101. 350	102. 13	103. [REDACTED]	104. 0.502 0.10	105. 51	106. 3 5	107. [REDACTED]	108. 0	109. 30.73 106.05	110. 30.73	111. 9.832 2.394	112. 4 5	113. [REDACTED]
	114.	115.	116.	117.	118.	119.	120.	121.	122.	123.	124.	125.	126.	127.	128.
	129.	130.	131.	132.	133.	134.	135.	136.	137.	138.	139.	140.	141.	142.	143.

SOLID FUEL TONS/YR			OIL THOUSANDS OF GALLONS/YR			GAS THOUSANDS OF CF/YR			BTU/CF	APPLICABLE RULE	APPLICABLE RULE
TYPE		%S	TYPE		%S	TYPE					
144	145	146	147	148	149	150	151	152	153	154	
						52	195894	1000	212		

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT _____ DATE _____

156. LOCATION CODE	157. FACILITY ID. NO.	158. U.T.M. (E)	159. U.T.M. (N)	160. SIC NUMBER	161. DATE APPL RECEIVED	162. DATE APPL REVIEWED	163. REVIEWED BY
61000000	0T2584650241750				3/29/95	3/9/95	[Signature]

PERMIT TO CONSTRUCT			
164. DATE ISSUED	165. EXPIRATION DATE	166. SIGNATURE OF APPROVAL	167. FEE
5/9/95	5/9/96	John J. Luoma	

RECOMMENDED ACTION RE C.O.			
169. DATE ISSUED	170. EXPIRATION DATE	171. SIGNATURE OF APPROVAL	172. FEE
/ /	/ /	[Signature]	

173.

1. INSPECTED BY _____ DATE _____

2. INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM

3. ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT

4. APPLICATION FOR C.O. DENIED _____ DATE _____ INITIALED _____

174. SPECIAL CONDITIONS:

1. SEE ATTACHED SPECIAL CONDITIONS

2. DATED MAY 9, 95.

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

SIGN IN SHEET

DATE: 3/29/06 TIME: 10 AM PLACE: 40 Worth Ln 1015
UST Meeting

PRINT NAME	REPRESENTING	TELEPHONE/FAX NUMBER
SAL CRACCHIOLO	GLENDALE	(718) 263 4289
TERRY MCCARTHY	GLENDALE	718 263 4289
Louis Vullo	Bridges	718 486 4978
Kevin McCusker	DuBois Ave	718-818-8130
SCOTT ROJETO	158 ST MADISON ST. MANHATTAN	212-487-8439
Nelson A Morciglio	158 ST MSM	212-487-8464
x TED STELLING	DuBois Ave	718-818-8147
Giulio DeLambo	REM	212. 987. 0430
ANTHONY BORDENCA	HAMILTON PLANT	718-369-4246 - 4211
x JOSEPH SANTAPROIA	HAMILTON PLANT	718 369 4246 - 4211
JOHN GIACCIO	Flintlands yard	718-251-6170
DAVID LESCHKE	Maspeth Central	718-894-2503 78-416-1525 (F)
MARY KETTING	Mary Ketting	212 442-7731 / 8088
CARLO MATTINA	REM Admin	212-487-5587

Heather Bolam OECA 212 442-7721
 David Letki OECA 212-513-0130
 Peter Sambalis Facilities 212-566-4930
 Gail Saunders NYCLAW 212 788-1238 (Fax)
 Joe Doria Traffic Ops 718-422-2112 / 2111

C:\Documents and Settings\mblavin\Local Settings\Temporary Internet Files\OLK11\Fsign In Sheetblank.doc

New York State Department of Labor

Public Employee Safety and Health Bureau
345 Hudson St., Rm 7023
PO Box 683
New York, NY 10014-0683
Phone: (212)352-6116 FAX: (212)352-6138



Notice of Violation and Order to Comply

To: Lewis Finkelman

Municipal Bldg 16th fl South
New York, NY 10007

Inspection Site:
NYC DOT Asphalt Plant
448 Hamilton Ave
Brooklyn, NY 11238

Inspection Number: 303421549
Inspection Date(s): 07/02/2003 - 07/02/2003
Issuance Date: 01/16/2004
CSHO ID: P9872

The violation(s) described in this Notice of Violation and Order to Comply is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Notice of Violation and Order to Comply (this Notice) describes violations of the Public Employee Safety and Health Act of 1980. You must abate the violations cited in this Notice by the dates listed below. A request for an informal conference must be made in writing to your nearest Division of Safety and Health district office within 20 working days (excluding weekends and State holidays) from receipt of this Notice. An employer who wishes to file an appeal of the violation(s) cited, including but not limited to appeals which raise issues concerning the application of the cited standard(s) to the employer or to the violation(s) cited, as well as issues concerning the appropriateness of the abatement period(s), must do so within 60 days of the issuance date of this Notice by filing a petition with the Industrial Board of Appeals. Appeals of the violation(s) cited, including but not limited to appeals raising the issues listed above, will be considered time barred if not filed within the 60 day period. The details of such appeal process are set forth at 12 NYCRR Part 65 et seq and Section 101 of the Labor Law. Additional information may also be obtained from the Industrial Board of Appeals.

Posting - The law requires that a copy of this Notice be posted immediately in a prominent place at or near the location of the violation(s) cited below. This Notice must remain posted until the violation(s) cited below have been abated, or for 3 working days (excluding weekends and State holidays), whichever is longer. **Failure to comply with any violation listed on this Notice by the abatement date is subject to a PER DAY penalty assessment.**

Informal Conference - A request for an informal conference must be made to the nearest PESH district office by telephone or letter, within 20 working days from the date of issuance given on this Notice.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the PESH district office at the address shown above.

Employer Rights and Responsibilities - The enclosed booklet (DOSH-907) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - An employee (or an authorized employee representative) may object to the abatement date set for a violation if the employee believes the date to be unreasonable. The objection must be filed at the nearest PESH district office within fifteen (15) working days (excluding weekends and State holidays) from the posting of this Notice.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.134(a)(2): The Employer did not establish, implement, and maintain a written Respiratory Protection Program which included the requirements outlined in paragraph (c) of this section:

Written Respiratory Protection shall include the following elements:

- 1) Procedures for selecting respirators for use in the workplace;
- 2) Medical evaluations of employees required to wear respirators;
- 3) Fit testing procedures for tight fitting respirators;
- 4) Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- 5) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- 6) Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- 7) Training of employees in the respiratory hazards to which they are potentially exposed during routine and emergency situations;
- 8) Training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- 9) Procedures for regularly evaluating the effectiveness of the program.

(a) Hamilton Asphalt Plant (Employees are exposed to Confined space hazards in the asphalt-cement mixture or mixers during maintenance and or may access the silos when they are jammed with the aforementioned product.

Date By Which Violation Must be Abated: 03/26/2004

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 2 Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards were present or were likely to be present which necessitated the use of personal protective equipment (PPE):

Employees are assigned to the annual or bi-annual maintenance/cleaning of the asphalt-cement drum mixer. Sometimes the silos (3) gets jammed inside with the asphalt-cement mixture. Employees are exposed to the following hazards atmospheric, engulfment, entrapment/configuration, mechanical, etc.

(a) Asphalt-Cement drum mixer and silos. (b) Silos. (Hamilton Asphalt Plant).

Date By Which Violation Must be Abated: 03/26/2004

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.132(d)(2):

The Employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the work place evaluated, the person certifying that the evaluation has been performed; the date (s) of the hazard assessment; and which identifies the document as a certification of hazard assessment.

(a) Hamilton Asphalt Plant. (Mixer)
(b) " ". (Silos)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 4 Type of Violation: **Serious**

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

"A written permit space entry program that complies with paragraphs (d), (e), (f), (g), (h), (i), (j), and (k) of this section was not developed and implemented."

"In lieu of a full permit program, the employer may choose to use alternative procedures as specified in section 1910.146(c)(5) or reclassify the space as specified in section 1910.146(c)(7). If either of these methods is utilized, the employer must develop and maintain documentation as required in paragraph 1910.146(c)(5) or (c)(7)."

Employees are exposed to Confined space hazardous annual maintenance operators in the mixer drum and or the silos when they get jammed.

- (a) Hamilton Asphalt Plant (Mixer)
- (b) "*****" (Silos)(3)

Date By Which Violation Must be Abated: 03/25/2004

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: NYC DOT Asphalt Plant
Inspection Site: 448 Hamilton Ave, Brooklyn, NY 11238

Citation 1 Item 5 Type of Violation: **Serious**

29 CFR 1910.146(g)(4): The employer did not certify that the training required by 29 CFR 1910.146(g)(1) through 29 CFR 1910.146(g)(3) had been accomplished:

Employees are exposed to Confined space hazards during maintenance/cleaning of the mixer drum and the silos when jammed. They could not establish proficiency in their duties. Management did not furnish effective documentation of training.

(a) Hamilton Asphalt plant.

Date By Which Violation Must be Abated: 03/25/2004

A handwritten signature in black ink that reads "David S. Cain".

David S. Cain
Supervising Safety & Health Inspector

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

HAMILTON STAIR TEST INFO. ~~Plant Contract~~



**New York City
Department of Transportation**

40 Worth Street, New York, New York 10013 • 212/442-7000

**Christopher R. Lynn,
Commissioner**

MEMORANDUM

TO: Burt Breitburg
NYS Department of Environmental Conservation

FROM: Tom Siano
Director of Asphalt Operations 

DATE: June 26, 1997

RE: Hamilton Asphalt Plant Routine Maintenance Program

Enclosed please find the information you requested on 6/20/97 pertaining to the stack test performed at the Hamilton Asphalt Plant on 6/17/97 - 6/18/97. Submitted for your review are the tons per hour, inlet and outlet temperatures, and slinger rpms. The readings are submitted for both the virgin and RAP tests. I am also attaching our maintenance schedule for the equipment directly related to emissions.

6/17/97 Virgin Asphalt Test (3 one hour tests)

Tons per hour	Inlet Temp.	Outlet Temp.	Slinger RPMs
300	238	212	1120-1130
300	216	197	1120-1130
305	229	205	1120-1130

6/17/97 RAP Test (1 one hour test)
6/18/97 RAP Test (2 one hour tests)

Tons per hour	Inlet Temp.	Outlet Temp.	Slinger RPMs
305	299	276	416-490
310	297	263	416-490
301	291	257	416-490

Speeds and temperatures will vary depending on daily aggregate moisture contents.

Hamilton Asphalt Plant Maintenance Schedule

Daily:

- Grease burner, exhaust and scavenger fans
- Check belt tension

Bi-weekly:

- Clean blue smoke ducts and teepee
- Clean top of baghouse
- Perform complete internal inspection of baghouse (bags, cages, blow pipes, solenoids)
- Check that the baghouse doors are securely sealed with no leakage
- Check burner settings and swirl plate linkage
- Check damper arm assembly for proper settings and operation

Bi-monthly:

- Check baghouse augers for proper operation and any material build-up
- Clean material inside drum. Clean discharge paddles and mixing flights
- Blow out tubes in baghouse to insure that pressure is maintained

cc: M. Fox, Law Department, D/C T. Fasulo

03082010_Gowanus_DOT_HAM Pr

OP LOCATION FACILITY EMISSION POINT
610000DOT200001I

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES
WHITE - ORIGINAL
GREEN - DIVISION OF AIR
WHITE - REGIONAL OFFICE
PINK - FIELD REP
YELLOW - APPLICANT



- A ADD
- C CHANGE
- D DELETE

READ INSTRUCTIONS
CONTAINED IN
FORM 76-11-12
BEFORE ANSWERING
ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM
APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

S E C T I O N A	1. NAME OF OWNER/FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co., Inc.			10. TELEPHONE (914) 496-1600		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)		
	2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS 22 Sarah Wells Trail			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)				
	3. CITY - TOWN - VILLAGE Brooklyn		4. STATE NY	5. ZIP 11323	12. CITY - TOWN - VILLAGE Campbell Hall		13. STATE NY	14. ZIP 10916	21. CITY - TOWN - VILLAGE		22. ZIP
	6. OWNER CLASSIFICATION E. <input type="checkbox"/> STATE H. <input type="checkbox"/> HOSPITAL A. <input type="checkbox"/> COMMERCIAL C. <input type="checkbox"/> UTILITY F. <input checked="" type="checkbox"/> MUNICIPAL I. <input type="checkbox"/> RESIDENTIAL B. <input type="checkbox"/> INDUSTRIAL D. <input type="checkbox"/> FEDERAL G. <input type="checkbox"/> EDUC. INST. J. <input type="checkbox"/> OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Kevin L. Patton		16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 072197		17. TELEPHONE (914) 496-1600		23. BUILDING NAME OR NUMBER Hot Mix Asphalt Plant	
7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations			8. TELEPHONE (718) 788-4516		18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT			25. START UP DATE 05 / 95 MO / YR		26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392	
						27. PERMIT TO CONSTRUCT A. <input type="checkbox"/> NEW SOURCE B. <input type="checkbox"/> MODIFICATION			28. CERTIFICATE TO OPERATE A. <input type="checkbox"/> NEW SOURCE C. <input type="checkbox"/> EXISTING SOURCE B. <input checked="" type="checkbox"/> MODIFICATION		

S E C T I O N B	29. EMISSION POINT ID.	30. GROUND ELEVATION (FT.)	31. HEIGHT ABOVE STRUCTURES (FT.)	32. STACK HEIGHT (FT.)	33. INSIDE DIMENSIONS (IN.)	34. EXIT TEMP. (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE	38. HRS/DAY	39. DAYS/YR	40. % OPERATION BY SEASON Winter Spring Summer Fall							
		9	9	40	88	54	300	62.46	59961	2112	16	200	0	5	4	0	4	0	1

S E C T I O N C	41. DESCRIBE PROCESS OR UNIT	1. 'Ultraplant' burner, counter flow dryer with primary collector, baghouse	2.
		3.	4.
		5.	6.
		7.	8.

S E C T I O N D	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
	42. 6	43. 10	44. Gencor Inc. Model 350, Model UF-100	45. 3	46. 04 / 95	47. 20
	48. 9	49. 08	50. Gencor Inc. Model 132	51. 3	52. 04 / 95	53. 20

CALCULATIONS See Attached Sheets.
For questions 54, 69, and 84 the specific contaminants listed are the most common/typical constituents for the general type cited.

The plant production is to be capped to produce a 'synthetic minor' source for VOC AND CO emissions, as described in the attached letter.

DOT_P_HAM_00001128

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
Long Island City, NY 11101-5401
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

October 10, 1997

Ms. Afsar Taherzadeh
Project Director
Transportation Program Unit
City of New York Department of
Design and Construction
30-30 Thompson Avenue
Long Island City, N.Y. 11101

Dear Ms. Taherzadeh:

Staff from our Albany Bureau of Air Quality Surveillance reviewed your test report dated 7/21, 1997 and, approved the report and the stack tests of 6/17 & 18, 1997. In as much as the average CO emissions are 31.7#/hr for virgin asphalt and, 41.7#/hr for recycled asphalt and the production was 300 tons/hr; the CO emission factors are 0.106#/ton and 0.139#/ton for virgin and recycled productions respectively. As your annual combined production has never exceeded 400,000 tons of asphalt/year, the CO annual emissions would amount to approx. 25 tons/year (at 400,000 tons yearly production) which is well below the 50 tons/year threshold that triggers a DEC Major Source Review.

As CO was the pollutant of concern for the NYCDOT Plant review, we shall have no problems in issuing soon a permit and Special Conditions.

Sincerely,

Bert Breitburg, P.E.

Environmental Engineer II

cc: Laurie Silberfeld, Esq. NYSDEC



City of New York **Department of Design and Construction**

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486
www.ci.nyc.ny.us/buildnyc

October 14, 1997

Mr. Tom Siano
Director of Hamilton Ave. Asphalt Plant
488 Hamilton Ave.
Brooklyn, NY 11356

Dear Mr. Siano;

Attached please find a copy of the letter I have received today from Mr. Bert Breitburg of New York State Department of Environmental Conservation ("NYSDEC"). According to the letter Based on the annual production rate of 400,000 tons of Asphalt/year Hamilton Ave. Asphalt Plant is producing 25 tons of Carbon Monoxide/year which is well below the threshold that triggers a NYSDEC major source review.

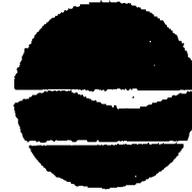
As soon as I receive a copy of the permit and special conditions, I will send a copy to all the perspective parties.

Sincerely,

Afsar Taherzadeh,
Project Director
Transportation program unit

CC: Frank D'Arpino NYCDDC
Lisa Edwards NYCDDC
Tony Marino NYCDDC
Terry Osweiler Gencor Industries Inc.
Marjorie Fox NYC Law Department
Bill Eisenberg David Smotrich & Partners
File

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

By Certified Mail - Return Receipt Requested And, By Fax
Transmittal

August 13, 1997

Mr. Tom Siano,
Director of Asphalt Operations
Municipal Asphalt Plant
New York City Department of Transportation
448 Hamilton Ave.
Brooklyn, N.Y. 11232

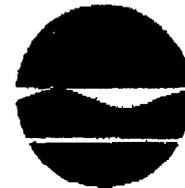
Re: Submittal Of Monthly Reports Of Asphalt Production

Dear Mr. Siano:

In the DEC letter addressed to you, dated July 7, 1997, we are reminding you that you must "submit to this office [DEC - Region 2] at the end of each month, records of your daily production of RAP and regular asphalt. Please submit said records within 7 calendar days from the end of each month." As of today we do not have your reports for the months of May, June and July 1997.

In as much as the requirement to submit the production reports is a Special Condition on your permit, failure to submit said reports is a violation of Part 201 of 6 NYCRR. The reports are also our only means to evaluate your annual CO emissions. Your current permit was issued on condition that your CO emissions do not exceed 50 tons per year. Unless we received the above-mentioned production reports by COB 7/21/97, we will have no choice but to refer the above-noted Part 201 violation to our legal staff.

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

You also agreed to provide ASAP to DEC, an Operation and Maintenance (O&M) manual for the Hamilton Ave. Plant. Also by 7/21/1997 please advise us of the status of development of the O&M manual.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

CC: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC



Advance Testing Company, Inc.

■ RD 1 Box 400 • Sarah Wells Trail • Campbell Hall, NY 10916 • (914) 496-1600

April 3, 1997

Mr. Tom Siano
Director of Operations
NYCDOT Brooklyn Asphalt Plant
778 Hamilton Avenue
Brooklyn, NY

Dear Mr. Siano,

Mr. Bert Breitburg of NYSDEC requested that you send him a "typical" operating schedule for the actual running of the plant. I realize that this is not an easy schedule to outline; perhaps you could give him schedules for "typical" weeks in winter, spring, summer and fall.

Send this information to:

Mr. Bert Breitburg, P.E.
NYSDEC Region 2
47-40 21st Street
Long Island City, NY 11101

Please call me if you have any questions.

Very truly yours,
ADVANCE TESTING COMPANY, INC.


Kevin L. Patton, P.E.

SIANO.LTR



**New York City
Department of Transportation**

40 Worth Street, New York, New York 10013 • 212/442-7000

**Christopher R. Lynn,
Commissioner**

MEMORANDUM

TO: Burt Breitburg
NYS Department of Environmental Conservation

FROM: Tom Siano
Director of Asphalt Operations 

DATE: June 26, 1997

RE: Hamilton Asphalt Plant Routine Maintenance Program

Enclosed please find the information you requested on 6/20/97 pertaining to the stack test performed at the Hamilton Asphalt Plant on 6/17/97 - 6/18/97. Submitted for your review are the tons per hour, inlet and outlet temperatures, and slinger rpms. The readings are submitted for both the virgin and RAP tests. I am also attaching our maintenance schedule for the equipment directly related to emissions.

6/17/97 Virgin Asphalt Test (3 one hour tests)

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Speeds and temperatures will vary depending on daily aggregate moisture contents.

Hamilton Asphalt Plant Maintenance Schedule

Daily:

- Grease burner, exhaust and scavenger fans
- Check belt tension

Bi-weekly:

- Clean blue smoke ducts and teepee
- Clean top of baghouse
- Perform complete internal inspection of baghouse (bags, cages, blow pipes, solenoids)
- Check that the baghouse doors are securely sealed with no leakage
- Check burner settings and swirl plate linkage
- Check damper arm assembly for proper settings and operation

Bi-monthly:

- Check baghouse augers for proper operation and any material build-up
- Clean material inside drum. Clean discharge paddles and mixing flights
- Blow out tubes in baghouse to insure that pressure is maintained

cc: M. Fox, Law Department, D/C T. Fasulo

oth-hmem/25

Comments:

Pages including
this cover page:
3

Phone: 718/788-4516
Fax: 718/965-2930

Company: HAMILTON AVENUE
ASPHALT PLANT
NYC Dept. of Transportation

From: T. SIMO

To: M - Fox
Company: Fox
Phone: 788 1619
Fax: 788 1619

Facsimile Cover Sheet

TRANSMISSION REPORT

THIS DOCUMENT WAS CONFIRMED
(REDUCED SAMPLE ABOVE - SEE DETAILS BELOW)

** COUNT **

TOTAL PAGES SCANNED : 3
TOTAL PAGES CONFIRMED : 3

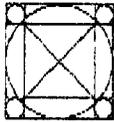
*** SEND ***

No.	REMOTE STATION	START TIME	DURATION	#PAGES	MODE	RESULTS
1	212 788 1619	6-26-97 3:03PM	1'45"	3/ 3		COMPLETED 9600

TOTAL 0:01'45" 3

NOTE:

No. : OPERATION NUMBER 48 : 4800BPS SELECTED EC : ERROR CORRECT G2 : G2 COMMUNICATION
 PD : POLLED BY REMOTE SF : STORE & FORWARD RI : RELAY INITIATE RS : RELAY STATION
 MB : SEND TO MAILBOX PG : POLLING A REMOTE MP : MULTI-POLLING RM : RECEIVE TO MEMORY



DDC

City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

Post-It® Fax Note	7671	Date	# of pages ▶
To	T. Siano	From	Afsar Taherzadeh
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

NYS Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
L.I.C., NY 11101
Attention: Mr. Bert Breitburg, P.E.

Re: Performance of the Stack Test
at Hamilton Avenue Highway Yard
HWKF-033
Reg. # 9568367

Dear Mr. Breitburg:

The Hamilton Avenue Asphalt Plant Stack Test is confirmed for the following dates:

Tuesday May 6th, 1997
Wednesday May 7th, 1997

Please inform your staff accordingly. By this letter the attendance of the following parties is requested.

B. Breitburg	DEC
T. Siano	DOT
W. Eisenberg	David Smotrich & Partners
T. Osweiler	Gencor Industries Inc.
Assigned Staff	DEC, DOT, Gencor, Air Recon

Sincerely,

Afsar Taherzadeh
Project Director
Transportation Program Unit

AT/as

cc: F. D'Arpino, T. Marino, L. Edwards (DDC), L. Silberfeld (DEC), M. Fox (Law Dept.),
T. Siano (DOT), T. Osweiler (Gencor), B. Eisenberg (DS & Partners), File



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

June 5, 1997

NYS Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
L.I.C., NY 11101
Attention: Mr. Bert Breitburg, P.E.

Re: Performance of the Stack Test
at Hamilton Avenue Highway Yard
HWKF-033
Reg. # 9568367

Dear Mr. Breitburg:

The Hamilton Avenue Asphalt Plant Stack Test is confirmed for the following dates:

Tuesday June 17th, 1997
Wednesday June 18th, 1997

Please inform your staff accordingly. By this letter the attendance of the following parties is requested.

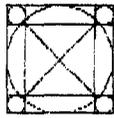
B. Breitburg	DEC
T. Siano	DOT
W. Eisenberg	David Smotrich & Partners
T. Osweiler	Gencor Industries Inc.
Assigned Staff	DEC, DOT, Gencor, Air Recon

Sincerely,

Afsar Taherzadeh
Project Director
Transportation Program Unit

AT/as

cc: F. D'Arpino, T. Marino, L. Edwards (DDC), L. Silberfeld (DEC), M. Fox (Law Dept.),
T. Siano (DOT), T. Osweiler (Gencor), B. Eisenberg (DS & Partners), File .



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1381
Fax 718 / 391-1486

Geneor Industries Inc.
5201 N. Orange Blossom Trail
Orland, Florida 32810
Attn.: Mr. Mitchell Clark
RE: Hamilton Avenue Stack Test

Post-it® Fax Note 7571		Date 4/9/97	# of pages one
To Tom Siano	From Afsar Taherzadeh		
Co./Dept. DOT	Co. DDC		
Phone # (718) 789-4516	Phone # (718) 391-1064		
Fax # (718) 965-2930	Fax # (718) 391-1782		

April 9, 1997

Dear Mr. Clark:

This morning, I was informed by the Hamilton Avenue Asphalt Plant Director, Mr. Tom Siano that Geneor Industries Inc. Representative, Mr. John Bryce noticed a problem with the blower when the plant production goes above 300,000 tons/hr.

Since we cannot achieve the satisfactory results for the stack test, the testing of the plant for the virgin aggregates scheduled for today is cancelled.

We expect Geneor Industries Inc. to make all necessary adjustments to this plant and make arrangements with Air Recon Inc. to schedule the next stack test.

A confirmation from NYSDEC for Tuesday May 6th, Wednesday May 7th, 1997 is expected by tomorrow.

The name of the contact person at Air Recon Inc. is Mr. Frank Swetits at (908) 526-1000.

Please confirm the arrangements with us as soon as possible.

Sincerely,

Afsar Taherzadeh
Project Director
Transportation Program Unit

cc: A/C Joanna Petska, F. D'Arpino, T. Marino, L. Edwards, J. Aharne, L. DeCarlo, M. Fox
T. Siano, T. Osweiler, B. Breitburg, File



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

April 21, 1997

Mr. Mitchell Clark
Gencor Industries Inc.
5201 N. Orange Blossom Trail
Orlando Florida 32810

RE: Hamilton Avenue Stack Test

Dear Mr. Clark:

It has been more than a week since our April 9th, 1997 correspondence to you regarding Hamilton Avenue Asphalt Plant Stack Test.

Subsequently we informed you that May 6th and 7th, 1997 dates are confirmed by New York State Department of Environmental Conservation ("NYSDEC").

To date we have not recieved any correspondence from you confirming the above dates. It is imperative for Gencor Industries Inc. ("Gencor") to act as expeditiously as possible to rectify the problem with the plant and to confirm arrangements with Air Recon for the above dates.

Awaiting your response.

Sincerely,

Afsar Taherzadeh
Project Director
Transportation Program Unit

AT/as

cc: A/C Joanna Petska, F. D'Arpino, T. Marino, L. Edwards, J. Aharne, L. DeCarlo, M. Fox
T. Siano, T. Osweiler, B. Breitburge, File

**GENCOR INDUSTRIES INC.**

5201 N. Orange Blossom Trail • Orlando, Florida 32810
(407) 290-8000 • Fax: (407) 578-0577

Afsar Taherzadeh
City of New York
Department of Design and Construction
30-30 Thompson Avenue
Long Island City, NY 11101

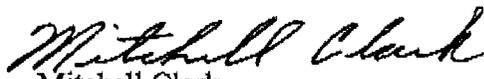
Re: Hamilton Avenue Stack Test

Dear Ms. Afsar Taherzadeh:

This is to inform you that I have contacted Air Recon to confirm the dates of May 6th and 7th 1997 for retesting of the asphalt plant.

Also, we have sent parts to the site to make corrections to the plant for better operations. These parts have arrived and have been installed. Our Mr. John Price will be at the site to check everything and to run some preliminary tests this week, the week of April 28, 1997.

Sincerely,


Mitchell Clark
Gencor-Service Manager

ONE COMPANY • ONE SOURCE • ONE SOLUTION

New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, New York 11101
Telephone (718) 482-4944, Facsimile (718) 482-4874



John P. Cahill
Acting Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

April 9, 1997

Thomas J. Siano
Director of Asphalt Operations
New York City Department of Transportation
448 Hamilton Avenue
Brooklyn, N.Y. 11232

Re: New Schedule For The Stack Test Of 4/8 & 9, 1997

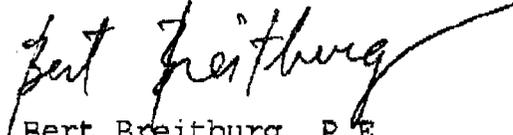
Dear Mr. Siano:

This morning you informed me that the stack test has been stopped because of mechanical problems involving the blower motor of the burner. One day of full testing took place yesterday, April 8th, but the GENCOR representative started to suspect that based on the initial emission rate results, the blower motor that supplies air to the burner is either defective or under designed. You have requested a seven-day delay to resolve the above-mentioned problem. In as much as all involved want a plant that operates at peak efficiency, I agreed to delay the test in order to further adjust the equipment.

Since our field staff won't be available to witness during the following 3 weeks, Ms. Afsar Taherzadeh suggested that you test again on May 6th and 7th, 1997. We agree to the proposed

test dates. Please report to me in writing on the status of your equipment repairs and/or adjustments

Sincerely,

A handwritten signature in cursive script that reads "Bert Breitburg". The signature is written in black ink and is positioned above the typed name.

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq., NYSDEC
Robert Elburn, NYSDEC
Afsar Taherzadeh, NYCDOS (Fax Transmittal)
Radcliffe Lee, NYSDEC
David Wheeler, NYSDEC

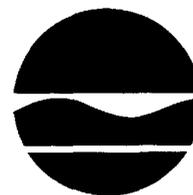
New York State Department of Environmental Conservation

Region 2

47-40 21st Street

Long Island City, NY 11101-5407

(718) 482-4949, fax (718) 482-4954



John P. Cahill
Acting Commissioner

April 4, 1997

Mr. Thomas Siano
Director of Asphalt Operations
New York City Department of Transportation
Hamilton Avenue Asphalt Plant
448 Hamilton Avenue
Brooklyn, N.Y. 11323

Re: 1) Pre Stack Test Tune-up.
2) Required Monthly Production Reports.

Dear Mr. Siano:

During the past few weeks we agreed to the following procedures:

- i. In anticipation of the stack test of April 8th and 9th I agreed that you may produce asphalt with recycled materials, subject to the following restraints:

Such production takes place during daylight hours only.

You will discontinue the production should odors or visible emissions occur.

Gencor personnel is on the premises and uses these runs to fine-tune the plant for the test.

The production rate is about half of the maximum rate of 350 tons per hour.

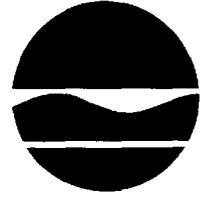
New York State Department of Environmental Conservation

Region 2

47-40 21st Street

Long Island City, NY 11101-5407

(718) 482-4949, fax (718) 482-4954



**John P. Cahill
Acting Commissioner**

Our staff visited the plant, however no production was being carried out at these times. You have assured me that at no time odors or visible emissions occurred. Gencor staff used the experiment by devising new tune-up procedures. This office has not received any complaints from the residents.

- ii. You agreed that from now on you will submit detailed monthly production reports showing the number of hours, quantities of asphalt per hour - virgin, recycled etc. The first reports for March and April are due May 1st.

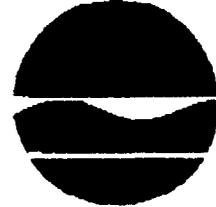
Sincerely,

Bert Breitburg, P.E.

Environmental Engineer II

cc: R. Elburn
L. Silberfeld, Esq.

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street, Long Island City, NY 11101
Tel: 718-482-4944 FAX: 718-482-4874



Michael Zagata
Commissioner

FAX TRANSMITTAL FROM Bert Breitburg

TO: Tom Siano

FAX NO: 718 965-2930

DATE: 4/7/97

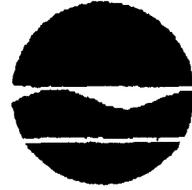
TIME: 10:15 AM

PAGES: 2 (PLUS COVER)

MESSAGE: 2ND Fax

CC:

New York State Department of Environmental Conservation
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4949, fax (718) 482-4954



John P. Cahill
Acting Commissioner

April 4, 1997

Mr. Thomas Siano
Director of Asphalt Operations
New York City Department of Transportation
Hamilton Avenue Asphalt Plant
448 Hamilton Avenue
Brooklyn, N.Y. 11323

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2) Required Monthly Production Reports.

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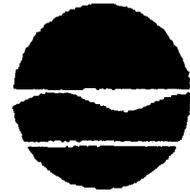
New York State Department of Environmental Conservation

Region 2

47-40 21st Street

Long Island City, NY 11101-5407

(718) 482-4949, fax (718) 482-4954



John P. Cahill
Acting Commissioner

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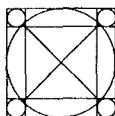
Sincerely,

Bert Breitburg, P.E.

Environmental Engineer II

cc: R. Elburn

L. Silberfeld, Esq.



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

March 28, 1997

NYS Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
L.I.C., NY 11101
Attention: Mr. Bert Breitburg, P.E.

Re: Performance of the Stack Test
at Hamilton Avenue Highway Yard
HWKF-033
Reg. # 9568367

Dear Mr. Breitburg:

The Hamilton Avenue Asphalt Plant Stack Test is confirmed for the following dates:

Tuesday April 8th, 1997
Wednesday April 9th, 1997

Please inform your staff accordingly. By this letter the attendance of the following parties is requested.

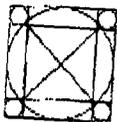
B. Breitburg	DEC
T. Siano	DOT
W. Eisenberg	David Smotrich & Partners
T. Osweiler	Gencor Industries Inc.
Assigned Staff	DEC, DOT, Gencor, Air Recon

Sincerely

Afsar Taherzadeh
Project Director
Transportation Program Unit

AT/as

cc: F. D'Arpino, T. Marino, L. Edwards (DDC), L. Silberfeld (DEC), M. Fox (Law Dept.),
T.Siano (DOT), T. Osweiler (Gencor), B. Eisenberg DS & Partners, File



DDC

City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

Post-It* Fax Note	7671	Date	3/31/97	# of pages	ONE
To	TUM SIANO	From	Afsar T.		
Co./Dept.	DOT	Co.	DDC		
Phone #	(718) 965-4510	Phone #	(718) 391-1064		
Fax #	(718) 965-2930	Fax #	(718) 391-1482		

March 28, 1997

NYS Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
L.I.C., NY 11101
Attention: Mr. Bert Breitburg, P.E.

Re: Performance of the Stack Test
at Hamilton Avenue Highway Yard
HWKF-033
Reg. # 9568367

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B. Breitburg	DEC
T. Siano	DOT
W. Eisenberg	David Smotrich & Partners
T. Osweiler	Gencor Industries Inc.
Assigned Staff	DEC, DOT, Gencor, Air Recon

Sincerely

Afsar Taherzadeh
Project Director
Transportation Program Unit

AT/as
cc: F. D'Arpino, T. Marino, L. Edwards (DDC), L. Silberfeld (DEC), M. Fox (Law Dept.),
T. Siano (DOT), T. Osweiler (Gencor), B. Eisenberg DS & Partners, File



LAW DEPARTMENT

100 CHURCH STREET
NEW YORK, N.Y. 10007

ROOM 3-125
PAUL A. CROTTY
Corporation Counsel

Tel.: (212) 788-1579

January 23, 1997

Mr. David F. Brashears, P.E.
Gencor Industries, Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

Dear Mr. Brashears:

I have just received a copy of your January 15, 1997 fax letter to Mr. Bert Breitberg concerning the air permitting of the Hamilton Avenue asphalt plant. I am concerned because the letter does not fully reflect the agreement we reached at our January 9, 1997 meeting. First, your letter implies -- incorrectly -- that an annual production rate close to 383,000 tons per year would be acceptable. At the meeting, we agreed that the City would be willing to consider reducing the Plant's annual permitted production to no less than 600,000 tons per year. I note that the contract language provides for production of 350 tons per hour, 16 hours a day, for 200 days per year -- which results in an annual production rate of 1.12 million tons -- and that the range of annual production rates stated in the contract specifications is between 450,000 and 600,000 tons per year.

Second, the City's understanding at the conclusion of the January 9 meeting was that Gencor would: (1) look at emissions rates at comparable Gencor plants and inform us and DEC of the emissions rates that you believe are attainable by the Hamilton Avenue Plant; (2) recalculate hourly emissions rates using an annual production of no less than 600,000 tons per year (taking into account the emission rates for comparable plants); and (3) submit those calculations to DEC for their review and approval. This agreement concerning the recalculation of hourly rates was intended in part to satisfy your request that Gencor know in advance of the stack test what standards must be met to obtain a DEC Part 201 permit.

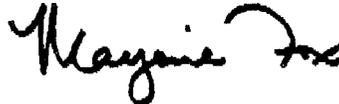
Jan 24 '97 15:14 P.01

NYC Environmental Law Fax: 212-788-1619

Mr. David F. Brashears
January 23, 1997
Page 2

I trust that this letter clarifies our agreement. Please feel free to contact me if you would like to discuss this matter.

Very truly yours,



Marjorie Fox
Assistant Corporation Counsel
Environmental Law Division

c: Bert Breitberg
Laurie Silberfeld
Afsar Taherzadeh
David Fenichel
Tom Siano
Lucianna Decarlo
John Elliott
Terry Osweiler



GENCOR INDUSTRIES INC.

5201 N. Orange Blossom Trail • Orlando, Florida 32810
(407) 290-6000 • Fax: (407) 578-0577

TELEFAX TRANSMITTAL

DATE: 1/24/97

TO: Tom Siano FAX #: 718-965-2930

COMPANY: _____

FROM: D. Brashears FAX # (407) 578-0577

TOTAL PAGES TRANSMITTED (INCLUDING COVER) 6

NOTE:

Attached are docs we discussed this morning. Give me a call if you want to discuss before I send to Asfan.

David



GENCOR INDUSTRIES From: DAVE BRASHEARS

5201 N. Orange Blossom Trail • Orlando, Florida 32810
(407) 290-6000 • Fax: (407) 578-0577

January 23, 1997

Ms Asfar Taherzadeh
City of New York, Dept of General Services
Dept of Design and Construction
Transportation Program Unit
5th Floor, 30-30 Thomson Ave.
Long Island City, NY 11101

Prelim Draft

Dear Ms. Taherzadeh:

As a follow-up to our meeting of Jan. 9, 1997; we have reached agreement with Mr. Siano and Commissioner Fasulo regarding the annual capacity requirement for the plant. In addition we have spoken with Mr. Breitburg and he has provided information on how the revised tonnage and emission factors should be submitted to the DEC. He indicated that this should be done in letter form, from the DOT as owners of the plant.

The following is our understanding of the requirements and agreements reached between the City of New York and Gencor on Jan. 9, 1997 and through subsequent discussions with the various representatives named above. Also included are the revised emission factors which correlate with the agreed annual tonnage which should be submitted to the DEC.

Gencor is prepared to guarantee that the emissions will not exceed the below stated emission rates when the following conditions exist.

WHEP

1. The plant is properly maintained and adjusted. Gencor will inspect the plant and provide the DOT with list of maintenance items which must be addressed prior to the test.
2. The production rate is at 350tph at 5% moisture or less or an equivalent moisture/production rate which would result in the same heat release rate from the burner.
3. RAP can be processed at up to 50% of the total production rate as long as the moisture content is 2% or less. The moisture content of the RAP can be higher but a proportional decrease in the RAP percentage must be implemented such that the total amount of steam produced by the RAP would not exceed the same level, 3.5 tons per hour of steam.
4. The plant can process up to 5% of the total process weight of clean, hydrocarbon free glass. The glass must be free of contaminants including, but not limited to, paper, sugar syrup, or other organic materials.
5. The virgin aggregate materials fed to the plant must be clean and free of organic materials.
6. Natural gas is the fuel utilized by the dryer and must be supplied at a constant pressure to the burner.
7. Annual production from the plant is limited to 525,000 tons per year or less (set to stay below major source status for the plant).
8. The DOT will operate the plant in accordance with Gencor recommendations during the testing period.
9. Gencor will provide technical personnel to advise the DOT as to necessary maintenance or other steps which must be performed by the DOT prior to the test. Gencor will provide technical personnel to tune the plant prior to the test and Gencor will provide technical personnel to witness the test and provide recommendations as may be appropriate during the testing period.
10. The City of New York will accept for immediate payment, through appropriate requisition submittal, the amount of \$140,000 as a partial payment on the balance of the original contract.

Processor NOT WASHING GLASS

ONE COMPANY • ONE SOURCE • ONE SOLUTION

From: DAVE BRASHEARS

Prehm

Should the plant meet the below limits, then the plant will be immediately deemed as accepted and substantially complete by the City of New York, with all appropriate contractual implications applying. Should the plant be tested and not meet the below listed emission rates, Gencor at its own expense will modify the unit so that it will meet those limits. In either event, the City of New York shall immediately release all retained funds upon passage of the test in accordance with the specifications contained herein.

Guaranteed emission limits at the design plant capacity per item 2, 3, and 4 above:

- Carbon Monoxide: 66 pounds per hour, 49.50 tons/year @ 525,000 tons production
- VOCs*: 17.29 pounds per hour, 12.97 tons/year @ 525,000 tons production
- Nitrous oxides: 18.5 pounds per hour, 13.88 tons/year @ 525,000 tons production
- Particulates: 7.41 pounds per hour, 5.86 tons/year @ 525,000 tons production

* VOCs = volatile organic compounds

Per the previous test conducted July 17, 1996; the plant demonstrated that it could meet three of these four conditions with the actual tested emissions being:

- VOC emissions at 13 lbs/hr,
- nitrous oxides at 5.1 lbs/hr, and
- particulates at 1.77lbs/hr.

These average values are well below the emission tonnages which would make this plant a major source. This plant now has over 500,000 tons which have been produced and certain maintenance items may need addressing prior to testing.

Mr. Bert Breitburg indicated that the DOT should submit a letter to him with the new requested emission values. Attached is drafted a letter which we propose the DOT send to the DEC for approval of the revised emission values. We are requesting that this letter be sent immediately so that there will be no more delays.

Since we intend to begin our support activities, per item 9 above, immediately upon approval of this agreement, we are requesting that it be signed and returned to us immediately, retaining an original copy for your records.

Sincerely,

David F. Brashears, PE
Sr. VP, Technology

Accepted by: _____
Department: _____
Date: _____

cc: Tom Siano, NYCDOT
Commissioner A. Fasulo, NYCDOT
Ms. Marjorie L. Fox, New York City Law Department
Mr. JE Elliott, Gencor EVP; Mr. Terry Osweiler; Mr. Mitch Clark



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

April 9, 1997

Tel. 718 / 391-1361
Fax 718 / 391-1486

Geneor Industries Inc.
5201 N. Orange Blossom Trail
Orland, Florida 32810
Attn.: Mr. Mitchell Clark
RE: Hamilton Avenue Stack Test

Dear Mr. Clark:

This morning, I was informed by the Hamilton Avenue Asphalt Plant Director, Mr. Tom Siano that Geneor Industries Inc. Representative, Mr. John Bryce noticed a problem with the blower when the plant production goes above 300,000 tons/hr.

Since we cannot achieve the satisfactory results for the stack test, the testing of the plant for the virgin aggregates scheduled for today is cancelled.

We expect Geneor Industries Inc. to make all necessary adjustments to this plant and make arrangements with Air Recon Inc. to schedule the next stack test.

A confirmation from NYSDEC for Tuesday May 6th, Wednesday May 7th, 1997 is expected by tomorrow.

The name of the contact person at Air Recon Inc. is Mr. Frank Swetits at (908) 526-1000.

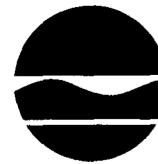
Please confirm the arrangements with us as soon as possible.

Sincerely,

Afsar Taherzadeh
Project Director
Transportation Program Unit

cc: A/C Joanna Petska, F. D'Arpino, T. Marino, L. Edwards, J. Aharne, L. DeCarlo, M. Fox
T. Siano, T. Osweiler, B. Breitburg, File

New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, New York 11101
Telephone (718) 482-4944, Facsimile (718) 482-4874



John P. Cahill
Acting Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

April 9, 1997

Thomas J. Siano
Director of Asphalt Operations
New York City Department of Transportation
448 Hamilton Avenue
Brooklyn, N.Y. 11232

Re: New Schedule For The Stack Test Of 4/8 & 9, 1997

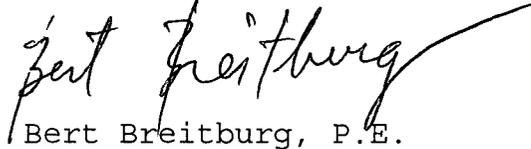
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Since our field staff won't be available to witness during the following 3 weeks, Ms. Afsar Taherzadeh suggested that you test again on May 6th and 7th, 1997. We agree to the proposed

test dates. Please report to me in writing on the status of your equipment repairs and/or adjustments

Sincerely,

A handwritten signature in cursive script that reads "Bert Breitburg". The signature is written in black ink and has a long, sweeping horizontal line extending to the right.

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq., NYSDEC
Robert Elburn, NYSDEC
Afsar Taherzadeh, NYCDOGS (Fax Transmittal)
Radcliffe Lee, NYSDEC
David Wheeler, NYSDEC



LAW DEPARTMENT

100 CHURCH STREET
NEW YORK, N.Y. 10007

ROOM 3-125
PAUL A. CROTTY
Corporation Counsel

Tel.: (212) 788-1579

February 6, 1997

Mr. David F. Brashears, P.E.
Gencor Industries, Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

Dear Mr. Brashears:

I write in response to your letter to Afsar Taherzadeh of the New York City Department of Design and Construction ("DDC") dated February 6, 1997. In that letter you expressed concern that my letter dated February 5 repudiated the payment terms that were agreed upon at our January 9 meeting. That was not the intent of my letter, which addressed only the stack testing issues. DDC will send you a letter confirming our agreement on the payment terms shortly. I hope that this clarifies the position set forth in my February 5 letter.

Very truly yours,

Marjorie Fox
Assistant Corporation Counsel
Environmental Law Division

c: Afsar Taherzadeh
David Fenichel
Tom Siano
Lucianna Decarlo
John Elliott
Terry Osweiler



LAW DEPARTMENT

100 CHURCH STREET
NEW YORK, N.Y. 10007

ROOM 3-125
PAUL A. CROTTY
Corporation Counsel

Tel.: (212) 788-1579

February 5, 1997

Mr. David F. Brashears, P.E.
Gencor Industries, Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

Dear Mr. Brashears:

I write to inform you that the emissions numbers, as well as conditions 1 through 6 and conditions 8 and 9, set forth in your January 23, 1997 letter are acceptable to DOT. I have confirmed with Laurie Silberfeld that if the stack test results are below the hourly emission rates calculated based upon an annual production rate of 525,000 tons per year, DEC will permit the facility for more than 525,000 tons per year, as long as the production level ensures that the facility remains beneath major source thresholds. Accordingly, condition 7 of your letter should reflect that the annual production level may be increased based upon stack test results. Ms. Silberfeld has also agreed that the revised emissions numbers for the stack test should be submitted by a P.E. retained by Gencor, rather than by the City of New York. Ms. Silberfeld has also discussed this matter with Bert Breitberg so that there will be no confusion as to how to proceed.

Please feel free to contact me if you would like to discuss this matter.

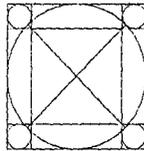
Very truly yours,

Marjorie Fox
Assistant Corporation Counsel
Environmental Law Division

c: Bert Breitberg
Laurie Silberfeld
Afsar Taherzadeh
David Fenichel
Tom Siano
Lucianna Decarlo
John Elliott
Terry Osweiler

Feb 6 97 10:53 P.01

NYC Environmental Law Fax: 212-788-1619



City of New York Department of Design and Construction
 Division of Technical Support / Quality Assurance Bureau

Lab # _____

Date in: _____

Week of 01/13/97 to 01/18/97

Plant: Willeys Pt. ASP.

IN-HOUSE Bag Sample Submittal & Inventory Worksheet

Mix Type: GFHA/RA

Day	Tonnage	100-500 tn	500-1000	1000-1500	1500-2000	PENALTY
Sunday	<u>01/12/97</u>	—				
Monday	<u>01/13</u>	—				
Tuesday	<u>01/14</u>	—				
Wednesday	<u>01/15</u>	<u>19514</u>				
Thursday	<u>01/16</u>					
Friday	<u>01/17</u>					
Saturday	<u>01/18</u>					

REMARKS: NOTES:

This plant is not equipped with any extractor fan or any hooded fan to extract fumes from the area for performing extractions. Therefore it is unsafe for any technician to perform extractions under these conditions. Trichloroethylene use in extractions is outlawed by N.Y. State. Also check OSHA Regulations CFR-29 & ASTM Spec with the use of Trichloroethylene in a confined area with no ventilation.

I certify that these bags were received in the condition indicated.

Received By: _____
 Lab Manager: _____

If extractions is to be performed under the above conditions. Then a written dated and signed letter by 2 DAC OFFICIALS directing the Technicians at Willeys Pt. ASP. to perform extractions under the stated conditions.

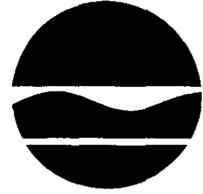
New York State Department of Environmental Conservation

Region 2

47-40 21st Street

Long Island City, NY 11101-5407

(718) 482-4949, fax (718) 482-4954



John P. Cahill
Acting Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

February 20, 1997

Ms. Afsar Taherzadeh
New York City Department Of General Services
Transportation Program Unit
Fifth Floor
30-30 Thomson Ave.
Long Island City, N.Y. 11101

Re: 1) NYCDOT Asphalt Plant at 448 Hamilton Ave., Brooklyn.
2) Request to Schedule The Third Stack Test.

Dear Ms. Taherzadeh:

As agreed during our meeting of January 9th, NYCDOT will test the subject plant as soon as the winter weather improves, but not later than late March/early April 1997. As those dates are approaching and as we must be given ample time to schedule DEC staff to witness the test, please submit your proposed test dates in writing, to this office no later than two weeks from receipt of this letter.

Sincerely,

Bert Breitburg, P.E.
Environmental Engineer II

cc: Laurie Silberfeld, Esq., NYSDEC
Robert Elburn, NYSDEC
Thomas J. Siano, NYCDOT Director of Asphalt Operations



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Neil F. Murphy
General Counsel

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1721
Fax. 718 / 391-1894

Mr. David Brashcars, P.E.
Gencor Industries, Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

February 10, 1997

Re: Contract No. 9568367 - Replacement of Asphalt
Equipment at the Hamilton Avenue Highway Yard

Dear Mr. Brashears:

This is in response to your letter dated January 23, 1997, addressed to Afsar Taherzadeh, in which you seek to confirm understandings reached between the City of New York and Gencor Industries, Inc., at our meeting on January 9, 1997. It is my understanding that by letter dated February 5, 1997, Marjorie Fox of the Corporation Counsel's Office addressed the technical issues which are the subject of Items 1 through 9 of your letter.

With regard to payment, Item 10 of your letter is acceptable. Kindly sign in the space provided below to indicate that Gencor will provide the technical personnel and assistance specified in item 9 of your letter. Upon receipt of your concurrence, this department will process the payment.

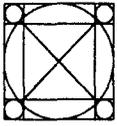
ACCEPTED:

Sincerely,

David Brashaers, P.E.

Jane Ahearne
Assistant Counsel

cc: Marjorie Fox, Luciana DeCarlo, David Fenichel, Afsar Taherzadeh,
Tom Siano, Terry Osweiler



DDC

City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101
Tel. 718 / 391-1361
Fax 718 / 391-1486

December 9, 1996

Mr. John E. Elliot, Esq.
Gencor Industries, Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

Re: HWKF-033
Cont.Reg.No. 9568367
Replacement of Asphalt
Equipment at Hamilton Ave
Highway Yard.

Dear Mr. Elliot:

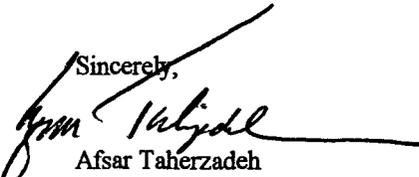
As we had discussed many times before for the benefit of all the parties involved, it is imperative for Gencor Industries Inc. to keep a dialogue open with the Department of Design and Construction.

We have tried to reach you many times but had never received any response back from you. We are awaiting your response to our September 30, 1996, letter. The same issues are on the table as it was in our September 30, 1996 letter to you.

Regarding the New York State Department of Environmental Conservation (NYSDEC) application for permit to construct please discuss it with Mr. David Brashears and let us know when you will be able to meet with us.

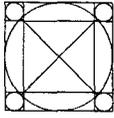
We are anxiously waiting to hear from you.

Sincerely,



Afsar Taherzadeh
Project Director
Transportation Program Unit

cc: F. D'Arpino
L. Edwards
T. Siano
T. Osweiler
B. Eisenburg
File



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

March 11, 1997

Mr. Bert Breitburg
New York State Department of
Environmental Conservation
Region 2
47-40 21st Street
Long Island City, NY 11101-5407

RE: The new set of proposed dates for the third Stack Test at Hamilton Avenue Asphalt Plant.

Dear Mr. Breitburg:

In response to your letter dated February 20, 1997, we have two set of dates for the performance of the Stack Test for the above mentioned facility.

The proposed dates for the test are as follows:

Tuesday April 1st, 1997
Wednesday April 2nd, 1997

Tuesday April 8th, 1997
Wednesday 9th, 1997

Please let us know which dates are convenient for your staff to attend to witness the tests.

Sincerely yours,

Afsar Tahezadeh
Project Director
Transportation Program Unit

cc: Laurie Silberfeld, Esq. NYSDEC
Marjorie Fox, Esq. NYC Law Department
Tom Siano, NYCDOT



THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

Bureau of
Air, Noise, & Hazardous
Materials

February 14, 1997

Ms. Adiana Scopino, Assistant District Manager
Community Board Six
250 Baltic Street
Brooklyn, N.Y. 11201

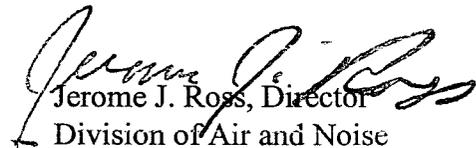
Dear Ms. Scopino:

Thank you for your letter of November 14, 1996. The matter involved fumes emanating from the Hamilton Avenue Asphalt Plant located in the vicinity of Hamilton Avenue & 15th Street. I apologize for not writing sooner.

A Division of Air and Noise Permitting and Enforcement inspector investigated on November 15, 1996, but did not detect fumes nor find other violations of the Air Pollution Control Code.

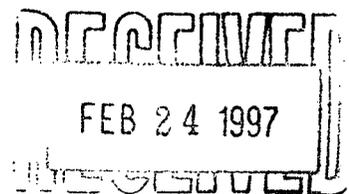
If the fumes recurs please contact me at the address below. Thank you for reporting the problem.

Sincerely,


Jerome J. Ross, Director
Division of Air and Noise
Permitting and Enforcement

JR/dc
log number: 96A018557\85941
lo file

81 8 12 43 1111 16



59-17 Junction Boulevard, 11th Floor, Corona, New York 11368-5107

New York State Department of Environmental Conservation
Division of Air Resources - Region 2
47-40 21st Street, Long Island City, N.Y. 11101
Tel: 718/482-4944 Fax: 718/482-4974



Michael Zagata
Commissioner

RADCLIFFE LEE

FAX TRANSMITTAL FROM ~~XXXXXXXXXXXX~~

TO: MARJORIE FOX

FAX NO: (212) 788-1619

DATE: 3/27/96

TIME: 4:35 PM

PAGES: 1 (PLUS COVER)

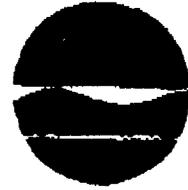
MESSAGE: For your information

To:
Dave Skerman
From: Marjorie Fox

2 pgs
As we
discussed
718-965-
2930

DF
CF
CC:

New York State Department of Environmental Conservation
Region 2
47-40 21st Street
Long Island City, NY 11101-3407
(718) 482-4949, fax (718) 482-4954



John P. Cahill
Acting Commissioner

BY FAX TRANSMITTAL AND BY REGULAR MAIL

March 17, 1997

Afsar Taherzadeh
Project Director
Transportation Program Unit
City of New York Department of Design and Construction
30-30 Thomson Avenue
Long Island City, N.Y. 11101

Re: Test Dates for the Hamilton Avenue Asphalt Plant

Dear Ms. Taherzadeh:

In response to your letter of March 11, 1997, in which you offer a choice of two sets of test dates, we have chosen April 8th and 9th, 1997. Please inform your test company of these test dates.

Thank you for your cooperation.

Sincerely,

Bert Breitburg, P.E.

Environmental Engineer II

cc: Laurie Silberfeld, Esq. NYSDEC

Robert Elburn, NYSDEC
~~Radcliffe, Esq. NYSDEC~~
David Wheeler, NYSDEC

Gencor Industries, Inc.

FAX Transmission

From: David F. Brashears
To: Mr. Bert Breitburg
Company: NYS Dept. of Environmental

Date: January 15, 1997
Time: 5:17 PM
FAX #: (718) 482-4874

Dear Mr. Breitburg:

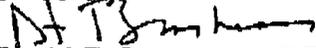
We have been playing phone tag and I thought maybe I could simplify the situation by sending you a quick FAX.

After you left the meeting last week, we discussed the test and what would be required to meet DEC requirements. There seems to be confusion as to what would be acceptable to the DEC. I believe that the permit is clear that if the emission levels on a per hour basis are higher than the permit pre hour values, the plant would still be acceptable as long as the annual tonnage is lowered such that they remain below the threshold which would make them a major source. (Just for the record, I want to point out that our contract with the city does not require that the plant meet minor source requirements.)

Our information shows that the annual tonnages produced by the previous plant for the years 1990 through 1994 was 383,000tpy so the permit annual tonnage of 940,000tpy is overstated. The city has agreed to lower this tonnage to a more reasonable level.

Could you write a letter or memo confirming that as long as they are below the annual emissions limit that would make them a major source, you will accept the plant? If you can do this, this will then clear us to go forward with the tune-up and testing of the plant for acceptance.

Sincerely,


David F. Brashears, PE
Sr. VP, Technology

cc: Marjorie Fox, NYC legal ; Terry Osweiler, JE Elliott

VOICE: 407-290-6000 FAX: 407-578-0577

5701 N Orange Blossom Trail, Orlando, Florida



LAW DEPARTMENT

100 CHURCH STREET
NEW YORK, N.Y. 10007

ROOM 3-125
PAULA A. CROTTY
Corporation Counsel

Tel.: (212) 788-1579

January 23, 1997

Mr. David F. Brashears, P.E.
Gencor Industries, Inc.
5201 N. Orange Blossom Trail
Orlando, Florida 32810

Dear Mr. Brashears:

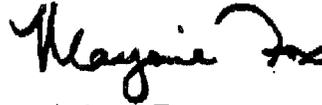
I have just received a copy of your January 15, 1997 fax letter to Mr. Bert Breitberg concerning the air permitting of the Hamilton Avenue asphalt plant. I am concerned because the letter does not fully reflect the agreement we reached at our January 9, 1997 meeting. First, your letter implies -- incorrectly -- that an annual production rate close to 383,000 tons per year would be acceptable. At the meeting, we agreed that the City would be willing to consider reducing the Plant's annual permitted production to no less than 600,000 tons per year. I note that the contract language provides for production of 350 tons per hour, 16 hours a day, for 200 days per year -- which results in an annual production rate of 1.12 million tons -- and that the range of annual production rates stated in the contract specifications is between 450,000 and 600,000 tons per year.

Second, the City's understanding at the conclusion of the January 9 meeting was that Gencor would: (1) look at emissions rates at comparable Gencor plants and inform us and DEC of the emissions rates that you believe are attainable by the Hamilton Avenue Plant; (2) recalculate hourly emissions rates using an annual production of no less than 600,000 tons per year (taking into account the emission rates for comparable plants); and (3) submit those calculations to DEC for their review and approval. This agreement concerning the recalculation of hourly rates was intended in part to satisfy your request that Gencor know in advance of the stack test what standards must be met to obtain a DEC Part 201 permit.

Mr. David F. Brashears
January 23, 1997
Page 2

I trust that this letter clarifies our agreement. Please feel free to contact me if you would like to discuss this matter.

Very truly yours,



Marjorie Fox
Assistant Corporation Counsel
Environmental Law Division

- c: Bert Breitberg
- Laurie Silberfeld
- Afsar Taherzadeh
- David Fenichel
- Tom Siano
- Lucianna Decarlo
- John Elliott
- Terry Osweiler

Queens	Day	Night	Tons	Vendor:
Paving: 27 Ave - (Cape Fear Kennedy to Clearview) Est 660.63 * 1 Pothole - 1 CAUSE IN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Final	Tully - Grace # of Flowboys # of FF Trucks 13 # of FF Trucks # of FF Trucks # of FF Trucks # Trailer Dumps
Milling: Peck Ave - GCP - Union McLaughlin - F. Lewis to 188 St 182 St - L.I.R. to 73 Ave				# of FF Trucks 6 # of FF Trucks 6 # of FF Trucks 6
Paving Window:			# PH/CI Crews Rap Run	# of FF Trucks 6
Bronx	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Vendor: Tully
Paving: * 1 Pothole - 1 CAUSE IN			Est Final	# of Flowboys # of FF Trucks # of FF Trucks # of FF Trucks # Trailer Dumps # of FF Trucks # of FF Trucks # of FF Trucks
Milling:				# of FF Trucks
Paving Window:			# PH/CI Crews Rap Run	# of FF Trucks
Brooklyn	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Vendor: Hamilton
Paving: McQuinn's Blvd - Ingot to Broom (wear tear) Sullivan - Bedford to Rodgers (SPED REDUCERS) * 1 Pothole - 3 CAUSE IN			Est Final	# of Flowboys # of FF Trucks # of FF Trucks # of FF Trucks # of FF Trucks # Trailer Dumps # of FF Trucks # of FF Trucks
Milling: Highland - Jamaica to Vermont (RT4042) Crystal - Glenmore to Liberty (RT4043)				# of FF Trucks 8 # of FF Trucks 8
Paving Window:			# PH/CI Crews Rap Run	# of FF Trucks
Staten Island	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Vendor: VAN BUREN
Paving: Gulver Richmond Rd * 1 Pothole Slow go-look change to Luisi Ave & ... (RT4040) Milling: APM Down 9:20 1 hr 15 min lost time			Est Final 429.53	# of Flowboys # of FF Trucks 3 # of FF Trucks # of FF Trucks # of FF Trucks # Trailer Dumps # of FF Trucks # of FF Trucks # of FF Trucks
Paving Window:			# PH/CI Crews Rap Run	# of FF Trucks
Manhattan	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Vendor: Hamilton
Paving: E. B'dway - Pike to Madison			Est Final 1180.49	# of Flowboys # of FF Trucks 10 # of FF Trucks # of FF Trucks # of FF Trucks # Trailer Dumps # of FF Trucks # of FF Trucks # of FF Trucks
Milling: Madison - Pearl to Finest (RT4041) * 1 SPECIAL FOR MAYOR OFFICE (BARRIERS) * 1 CAUSE IN (EAST AREA) 4 FF ON DEBRIS @ Dugout				# of FF Trucks # of FF Trucks # of FF Trucks # of FF Trucks
Paving Window:			# PH/CI Crews Rap Run	# of FF Trucks

Arterials Day Night Tons

TRANSMISSION REPORT

THIS DOCUMENT WAS CONFIRMED
 (REDUCED SAMPLE ABOVE - SEE DETAILS BELOW)

**** COUNT ****

TOTAL PAGES SCANNED : 1
 TOTAL PAGES CONFIRMED : 1

*** SEND ***

No.	REMOTE STATION	START TIME	DURATION	#PAGES	MODE	RESULTS
1	DUFFIELD ST	9- 5-97 3:50PM	1'02"	1/ 1	EC	COMPLETED 14400

TOTAL 0:01'02" 1

NOTE:
 No. : OPERATION NUMBER 48 : 4800BPS SELECTED EC : ERROR CORRECT G2 : G2 COMMUNICATION
 PD : POLLED BY REMOTE SF : STORE & FORWARD R1 : RELAY INITIATE RS : RELAY STATION
 MB : SEND TO MAILBOX PG : POLLING A REMOTE MP : MULTI-POLLING RM : RECEIVE TO MEMORY



City of New York Department of Design and Construction

Luis M. Tormenta, P.E.
Commissioner

Michael Burton, P.E.
Deputy Commissioner
Structures

30-30 Thomson Avenue
Long Island City, NY 11101

Tel. 718 / 391-1361
Fax 718 / 391-1486

May 1, 1997

NYS Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
L.I.C., NY 11101
Attention: Mr. Bert Breitburg, P.E.

Re: Performance of the Stack Test
at Hamilton Avenue Highway Yard
HWKF-033
Reg. # 9568367

Dear Mr. Breitburg:

The Hamilton Avenue Asphalt Plant Stack Test is confirmed for the following dates:

Tuesday May 6th, 1997
Wednesday May 7th, 1997

Please inform your staff accordingly. By this letter the attendance of the following parties is requested.

B. Breitburg	DEC
T. Siano	DOT
W. Eisenberg	David Smotrich & Partners
T. Osweiler	Gencor Industries Inc.
Assigned Staff	DEC, DOT, Gencor, Air Recon

Sincerely,

Afsar Taherzadeh
Project Director
Transportation Program Unit

AT/as

cc: F. D'Arpino, T. Marino, L. Edwards (DDC), L. Silberfeld (DEC), M. Fox (Law Dept.),
T. Siano (DOT), T. Osweiler (Gencor), B. Eisenberg (DS & Partners), File



914-928-2710
FAX: 914-928-7966

OSWEILER Bros. Equipment, Inc.

EQUIPMENT SALES, SERVICE & ENGINEERING

For the Construction Industry

P.O. BOX 524

HIGHLAND MILLS, NEW YORK 10930

April 29, 1997

New York City DOT
448 Hamilton Avenue
Brooklyn, NY 11232

Attn: Mr. Tom Siano

Dear Tom;

As per our recent conversation regarding the plant modifications to your Gencor Model UDM-350, Gencor has authorized the city personnel to provide for installation and labor for these modifications.

Gencor will provide off setting credit toward the purchase of parts in return for labor and materials necessary to complete the modifications prior to the scheduled stack test on May 6th & May 7th, 1997.

If you have any questions regarding the foregoing, please contact my office. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Terry Osweiler". The signature is written in black ink and is positioned above the printed name.

Terry Osweiler

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233



95 MAR 20 AM 8:43

Michael Zagata
Acting Commissioner

March 9, 1995

NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
Attn: Environmental Manager

Dear Sir or Madam:

The New York State Department of Environmental Conservation (NYSDEC) is collecting information about 1994 air emissions from industrial processes, incinerators and fuel consumption at facilities across the State. NYSDEC is required by the 1990 federal Clean Air Act to collect this information annually.

The 1994 Instruction Form has been revised to reflect changes agreed to by NYSDEC to settle litigation (see Eastman Kodak Company v. New York State Department of Environmental Conservation, Index No.7902-94). NYSDEC has determined that it will be proposing revisions to 6 New York Codes Rules and Regulations (NYCRR) Subpart 202-2 to reflect the agreed upon changes in the 1994 Instruction Form. INFORMATION AND CERTIFICATION SHOULD BE PROVIDED AS REQUESTED IN THE INSTRUCTION FORM, ALTHOUGH IT DIFFERS FROM SUBSECTIONS 202-2.2(b) (16), 202-2.3(1) AND (3) OF 6NYCRR SUBPART 202-2. THE CONFLICTING PROVISIONS IN THE REGULATION WILL NOT BE ENFORCED BY THE DEPARTMENT.

NYSDEC permit records show that your facility-wide emissions could exceed the thresholds in Table 1 of the enclosed instructions, therefore, your facility is considered to be a "major" facility and is required by 6NYCRR SubPart 202-2 to complete and return the enclosed 1994 Fuel Use/Industrial Process Emission Statement. A copy of this letter is being sent to the facility owner as listed in the NYSDEC permit data base.

NYSDEC uses permit records to determine applicability and for providing an individualized emission statement for each facility. Because of limitations with our current computer system, it is not possible for all of the updated information provided in previous emission statement submittals to be included on the 1994 forms. Still, every attempt has been made to update emission statement information and have your form reflect current permit data.

State Environmental Conservation Law (section 72-0303) requires that emission statements be used to calculate 1995 operation permit fees. Currently, these fees are not to exceed 25 dollars per ton, up to 6000 tons, plus a Consumer Price Index adjustment for each regulated air contaminant (except carbon monoxide) and will be based on your actual 1994 emissions as confirmed by the NYSDEC.

3k9

First Class Mail
 Inter-Office

TIME-SAVER LETTER

FREDERICK L. PASCOPELLA, P.E.
CHIEF BRIDGE AND ROADWAY OFFICER
DIVISION OF BRIDGES AND ROADWAYS

B/c Foueke

DATE 3-28-95
SUBJECT 145 DEC Regt
Per Info - Bklyn
Asphalt Plant
Emissions.

For your action/disposition

Diana

BK95.323

DAY-TIMERS RE-ORDER No. 2363 — Printed in USA

BLANK FORM FOR SECTION 1B

Owner: NYC DEPARTMENT OF TRANSPORTATION
 AR ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
 DEC ID: 2610200076

Section 1B. - Emission Point (Stack): _____ Total Heat Input _____ MMBTU/Hr
 Stack Data: NYTM _____ Northing NYTM _____ Easting Stack Height _____ Ft. Stack Dia/Width _____ Ft.
Heat Input _____ Unit or Boiler Description _____
 _____ MMBTU/HR
 _____ MMBTU/HR
 _____ MMBTU/HR
 _____ MMBTU/HR

Primary Control	Secondary Control	Overall control Efficiency (Percent by Pollutant)				
		Part	SOx	NOx	VOC	CO
_____	_____	_____	_____	_____	_____	_____

PROVIDE ONLY ONE BOILER DESCRIPTION WITH ONE FUEL TYPE PER NUMBERED SECTION BELOW. MAKE COPIES OF THE TWO NUMBERED SECTIONS AS NEEDED FOR REPORTING MORE THAN TWO FUELS OR TWO BOILER TYPES.

) Description	Fuel Name	Fuel Quantity	Fuel Units		
			Jan, Feb, & Dec of 94	Day	Week
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Operational Data: _____

Section 1B. - Fuel combustion emissions totals for the SCC listed above
 (THIS PART OF SECTION 1B IS OPTIONAL)

Report emissions if known. Otherwise, federal emission factors will be used to calculate your emissions.

Particulates		Sulfur Dioxide		Nitrogen Oxides		Vol. Org. Comp.		Carbon Monoxide	
Lbs/Yr	HD	Lbs/Yr	HD	Lbs/Yr	HD	Lbs/Yr	HD	Lbs/Yr	HD
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

) Description	Fuel Name	Fuel Quantity	Fuel Units		
			Jan, Feb, & Dec of 94	Day	Week
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Operational Data: _____

Section 1B. - Fuel combustion emissions totals for the SCC listed above
 (THIS PART OF SECTION 1B IS OPTIONAL)

Report emissions if known. Otherwise, federal emission factors will be used to calculate your emissions.

Particulates		Sulfur Dioxide		Nitrogen Oxides		Vol. Org. Comp.		Carbon Monoxide	
Lbs/Yr	HD	Lbs/Yr	HD	Lbs/Yr	HD	Lbs/Yr	HD	Lbs/Yr	HD
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

03082010_Gowanus_DOT_HAM Pt

1994 Fuel / Industrial Process Emission Survey

SECTION 1C - MISCELLANEOUS FUEL - USE

(Instructions for this section are on page 7.)

Page 3

Owner: NYC DEPARTMENT OF TRANSPORTATION
ARR ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

***** Example *****

Description of Fuel Usage	Fuel Type	Quantity	Units	
Space heating - 5 ceiling units one furnace & two hot water tanks	Natural Gas	3	Million Cubic Feet	*
----- Annual Average -----				
Operational Data:	Percent Fuel Use by Season		Jun - Aug	Jan, Feb, & Dec of 94
Hrs/Day Days/Wk Wks/Yr	Dec-Feb Mar-May Jun-Aug Sep-Nov	Hrs/Day Days/Week Total Days	Hrs/Day Days/Week Total Days	*
24 7 26	50 25 0 25	0 0 0	24 7 91	*

Provided below are three templates to be used as needed. (make copies of these blank forms if needed)

PLEASE READ THE INSTRUCTIONS ON PAGE 7

Description of Fuel Usage	Fuel Type	Quantity	Units	
----- Annual Average -----				
Operational Data:	Percent Fuel Use by Season		Jun - Aug	Jan, Feb, & Dec of 94
Hrs/Day Days/Wk Wks/Yr	Dec-Feb Mar-May Jun-Aug Sep-Nov	Hrs/Day Days/Week Total Days	Hrs/Day Days/Week Total Days	*

Description of Fuel Usage	Fuel Type	Quantity	Units	
----- Annual Average -----				
Operational Data:	Percent Fuel Use by Season		Jun - Aug	Jan, Feb, & Dec of 94
Hrs/Day Days/Wk Wks/Yr	Dec-Feb Mar-May Jun-Aug Sep-Nov	Hrs/Day Days/Week Total Days	Hrs/Day Days/Week Total Days	*

Description of Fuel Usage	Fuel Type	Quantity	Units	
----- Annual Average -----				
Operational Data:	Percent Fuel Use by Season		Jun - Aug	Jan, Feb, & Dec of 94
Hrs/Day Days/Wk Wks/Yr	Dec-Feb Mar-May Jun-Aug Sep-Nov	Hrs/Day Days/Week Total Days	Hrs/Day Days/Week Total Days	*

DOT P HAM 00001180

New York State Department of Environmental Conservation
Division of Air Resources

1994 Fuel / Industrial Process Emission Reporting Form
Section 2 - 1994 Industrial Process Facility Emission Summary Form

Owner: NYC DEPARTMENT OF TRANSPORTATION
2 RECTOR ST
NEW YORK, NY 10006

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232

Attn: Environmental Manager
Phone: _____

DARID: 610000DOT2
SIC: 1752 DECID: 2610200076

Industrial Process Certification

I submit this document in order to comply with the major source annual emissions statement requirements of federal and state air pollution control law and certify upon information and belief formed after reasonable inquiry that the information contained herein is based on the best information available and is complete and accurate in accordance with the instructions. I submit this certification with the knowledge that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Print Full Name

Telephone #

Signature

Date

Notice: This information will be relied upon by DEC to implement Air Pollution Control Law.

Section 2A. - Total Process Emissions by Pollutant

Enter the 1994 process emissions total of each pollutant from this facility:

Chemical Family Code	-----Chemical-----		1994 Fugitive Emissions		1994 Stack Emissions	
	Cas Code	Name	Lbs/Yr	HD	Lbs/Yr	HD
1	ONY075-00-0	PARTICULATES	_____	_____	_____	_____
*	_____	_____	_____	_____	_____	_____
*	_____	_____	_____	_____	_____	_____

* -> It isn't necessary to assign a chemical family code to any chemicals that

03082010_Gowanus_DOT_HAM Pt

1994 Fuel / Industrial Process Emission Survey
SECTION 2C - MISCELLANEOUS PROCESS EMISSIONS
(Instructions for this section are on page 11.)

Agency: NYC DEPARTMENT OF TRANSPORTATION
Report ID: 610000D0T2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

Section 2C. Aggregation of miscellaneous process sources (Stack emissions listed in Section 2A should equal section 2B + Section 2C stack emissions)

CC Code	SCC Description	Process Rate	Process Units
0500201	Mineral Products - Asphaltic Concrete - Rotary Dryer: Conventional Plant		Tons Produced

The SCC listed above corresponds with emission point(s): 00001

Operational Data:	----- Annual Average -----			----- Percent Operation by Season -----				--- Jun - Aug ---		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days

Actual emissions by Gas Code for SCC listed above:

Chemical Family Code	Chemical Cas Code	Chemical Name	1994 Stack Emissions	
			Lbs/Yr	HD
1	ONY075-00-0	PARTICULATES		
*				
*				

CC Code	SCC Description	Process Rate	Process Units
9000689	In-Process Fuel Use Natural Gas - General		Million Cubic Feet Burned

The SCC listed above corresponds with emission point(s): 00001

Operational Data:	----- Annual Average -----			----- Percent Operation by Season -----				--- Jun - Aug ---		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days

DOT_P_HAM_00001182

1994 Fuel / Industrial Process Emission Survey
SECTION 2C - MISCELLANEOUS PROCESS EMISSIONS
(Instructions for this section are on page 11.)

Agency: NYC DEPARTMENT OF TRANSPORTATION
ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

Actual emissions by Cas Code for SCC listed above:

Chemical Family Code	----- Cas Code	Chemical ----- Name	1994 Stack Emissions	
			Lbs/Yr	HD
*	_____	_____	_____	_____
*	_____	_____	_____	_____

INSTRUCTIONS - 1994 FUEL USE/INDUSTRIAL PROCESS EMISSION STATEMENT

The 1994 Fuel Use/Industrial Process Emission Statement was sent to you because your facility's permitted emissions exceed one of the major source thresholds listed in Table 1. The federal Clean Air Act (sections 182(a)(3)(B) and 502(b)(3)) and State Environmental Conservation Law (section 72-0303) and Title 6 of the New York Code of Rules and Regulations Part 202-2, "Emission Statements," require each major facility to report emissions annually and pay a permit fee based on the actual total tonnage of emissions. The information on this form allows the New York State Department of Environmental Conservation (NYSDEC) to calculate the emissions from your facility and report these emissions in the required format to the United States Environmental Protection Agency.

TABLE 1 - FACILITY-WIDE MAJOR SOURCE THRESHOLDS

<u>Air Contaminant</u>	<u>Ozone Nonattainment Area*</u>	<u>Rest of New York State</u>
Particulates (Part)	100	100
Sulfur Dioxide (SO ₂)	100	100
Nitrogen Oxides (NO _x)	25	100
Volatile Organic Compounds (VOC)	25	50
Carbon Monoxide (CO)	100	100
Lead (Pb)	5	5
Hazardous Air Pollutants (HAP)**	10/25	10/25

* - The ozone nonattainment areas include the City of New York; the counties of Nassau, Rockland, Suffolk, Westchester, Orange, Albany, Rensselaer, Greene, Saratoga, Schenectady, Montgomery, Dutchess, Putnam, Niagara and Erie.

** - A facility is major source for HAPs (as defined in section 112(b) of the Clean Air Act) if emissions of any one pollutant equals or exceeds 10 tons per year or the combined emissions of all HAPs equals or exceeds 25 tons per year. A listing of HAPs is available upon request.

Your 1995 permit fee will be based on your 1994 actual emissions as confirmed by the NYSDEC. This statutory fee is currently 25 dollars per ton plus a Consumer Price Index adjustment. It is redetermined annually and published as a rule by July 1 each year. You are required to pay the fee for each regulated air contaminant (except carbon monoxide) up to 6000 tons.

You must respond to this survey even if your emissions are below the thresholds above. If you do not respond to this survey, you will be in violation of State Environmental Conservation Law and your fee will be based on your maximum permitted emissions.

- j. Emissions of individual contaminants (identified by Cas Code) less than 10 pounds per year may be reported on an emission point basis as less than 10 pounds. For purposes of calculating emission fees, contaminants reported as less than 10 pounds will be treated as though 10 pounds of the contaminant was emitted.

This reporting is for inventory purposes only. The exemptions above do not reflect on any permitting requirements.

Section 1 - 1994 Fuel Use Reporting Form

Under Section 1 you will provide information about your facility's 1994 fuel consumption including: total fuel-use by fuel type in Section 1A; fuel consumption at emission points which meet Table 2 thresholds in Section 1B; and all remaining fuel consumption with operational data in Section 1C. All of the fuel which you report in Section 1A must be reported in either Section 1B or Section 1C (i.e., fuel reported in 1A = fuel reported in 1B + fuel reported in 1C). The person who is responsible for the proper submission of this form for this facility will sign and fill-in the Fuel Certification at the beginning of Section 1.

Section 1A. Total Fuel Consumption Report all of your facility's fuel consumption by fuel type. This may include fuel consumed at units not on your NYSDEC permit. List the corresponding sulfur content and heat value of each fuel you burned in 1994. You should contact your supplier if you need more information on the heat value and sulfur content of the fuels you burn. Also, make sure that you have listed the correct quantity of fuel with the appropriate units.

Section 1B. Fuel-Use Information by Major Emission Point Report your emissions from combustion activities for all emission points meeting the thresholds as defined by Table 2. Information from your permits for most or all of your "major" emission points has been provided with descriptions of the boilers and Source Classification Codes (SCCs).

TABLE 2

EMISSION POINT REPORTING THRESHOLDS

<u>Air Contaminant</u>	<u>Threshold (tons/year)</u>
Particulates (Part)	25
Sulfur Dioxide (SO ₂)	25
Nitrogen Oxides (NO _x)	25
Volatile Organic Compounds (VOC)	5
Carbon Monoxide (CO)	25
Lead (Pb)	5
Hazardous Air Pollutants (HAP) *	10/25

* - The emission point reporting threshold for HAPs is 10 tons per year of any one HAP and 25 tons per year for any combination of HAPs.

If you have other fuel combustion emission points which exceed the Table 2 thresholds and are not listed in Section 1B, please use the Section 1B Blank Form provided at the end of this emission statement for submitting those emissions. Feel free to use the blank form to report your emissions in cases where you would need

to correct or rewrite information.

Section 1B contains the following that must be filled in or corrected, if necessary.

- Emission Point (Stack) number and Total Heat Input for the emission point. The Emission Point number is the one assigned by DEC on your permit. Total Heat Input is the sum of the maximum heat input (million Btu per hour) for all units at the emission point.
- Permitted CO date. The date the latest certificate to operate was issued.
- Blank spaces for stack data are provided. This information should be in your permit. Please check your permit and if the stack data are not accurate and complete in your permit, please provide any additions or corrections. This information concerns location of the stack and its height and diameter. NYTM (UTM or Universal Traverse Mercator System) is a locational designation. If you cannot provide UTM coordinates, please provide your latitude and longitude.
- The ID number, size and a description of the unit. This is your ID, maximum rated capacity (e.g., MMBtu/hr, brake horsepower-hour), and usually the manufacturer's name.
- Control equipment description and overall control efficiency of the equipment at that emission point needs to be reported. The description refers to the type of equipment (e.g., baghouse, scrubber, flue gas desulfurization). Efficiency for each criteria pollutant considers the equipment's actual control including downtime and maintenance degradation.
- The amount of fuel burned at each emission point must be reported. This information is tied to a Source Classification Code (SCC) that describes the unit and the fuel. Please make corrections to the description, if necessary. It is not necessary to supply SCC, the Department will do so based on the information you provide. An emission point may have several SCC's (usually one for each type of fuel).
- Operational data for the SCC.
 - ▶ Annual Average
 - ▶ On **average**, the hours per day and days per week the units at this emission point operated on this fuel.
 - ▶ The number of weeks in 1994 the units at this emission point operated on this fuel.
 - ▶ Percent fuel use by season
 - ▶ The percentage of total fuel burned in 1994 for this SCC for the 3 month periods:

December 1994, January and February 1994
March - May 1994
June - August 1994
September - November 1994

Jun - Aug and Jan, Feb & Dec of 94

- ▶ On average, the hours per day and days per week the units at this emission point operated on this fuel.
- ▶ The number of days during this period the units at this emission point operated on this fuel.

Please note that this information for Jan, Feb and Dec of 94 is only required for the New York City Carbon Monoxide nonattainment area. This encompasses New York City and Nassau and Westchester counties.

- You have the option of reporting the emissions corresponding to the fuel at each SCC. The last part of Section 1B is for reporting your emissions for that SCC. This part of Section 1B is OPTIONAL. If you do not complete this section, federal emission factors will be used to calculate your emissions. If you choose to report emissions for a specific SCC, enter emissions by criteria pollutant in pounds per year and list under HD (How Determined) the method code from Table 3.

TABLE 3

HD - HOW DETERMINED (ESTIMATED EMISSIONS METHOD CODE)

1. Stack samples or other emissions measurements
2. Material balance using knowledge of the process
3. National emission factors
4. Best engineering judgement
5. State or local agency emission factors approved by EPA

****Use Section 1B Blank Forms for additional space as needed.****

Section 1C. Miscellaneous Fuel-Use Report any remaining fuel reported in Section 1A which was not reported in Section 1B. This is generally small amounts of fuel that need only to be reported by similar general descriptions for each fuel type. Examples of descriptions are:

- 1) Natural gas used to run four baking ovens;
- 2) Natural gas used for space heating; runs 5 ceiling units, one furnace, and two water tanks; or
- 3) #6 oil used for 2 process heaters.

With each description listed, provide fuel type, quantity of fuel consumed, and appropriate units. Make copies of Section 1C as needed. Be sure all of the fuel listed in Section 1A is reported in either Section 1B or Section 1C.

Section 2 - Industrial Process Facility Emission Summary Form

Provide information about your facility's 1994 process emissions including: total fugitive and stack emissions by Chemical Abstract Service (Cas) Code in Section 2A; total emissions by process at emission points which meet Table 2 thresholds (see page 5) in Section 2B; and total remaining process emissions by description with operational data in Section 2C.

Alternatively, owners or operators may provide emission statement data, including emission and process rate information and operating data in another format acceptable to the Department, if necessary to protect confidential information, to provide information with a higher degree of accuracy, to rely on existing monitoring and/or recordkeeping practices or to address other reasonable concerns and/or needs.

If your emission statement includes general emission categories such as miscellaneous organics or particulates instead of specific contaminants, you need only report the emissions of these general categories and not attempt to identify each specific contaminant by individual contaminant (Cas Code). This does not relieve you of the responsibility of reporting all non-exempt emissions at your facility and the individual contaminants shown on the emission statement.

All of the **stack** emissions reported in Section 2A must be reported in either Section 2B or Section 2C (i.e., stack emissions in 2A = stack emissions in 2B + stack emissions in 2C). The person who is responsible for the proper submission of this form for this facility will sign and fill-in the Industrial Process Certification at the beginning of Section 2.

Section 2A. Total Process Emissions by Pollutant List all of your facility's stack and fugitive emissions by Cas Code. You must also list how you determined the emissions for each Cas Code under HD (see Table 3 on page 7). Blank spaces are provided for corrections or additions to the list of chemicals. Fugitive emissions for reporting purposes are emissions that do not exit through a stack. If you cannot calculate fugitive emissions for a particular chemical, supply the total emissions in the stack column.

The chemical family code (see Table 4 on page 9) is supplied to help you determine which criteria group each chemical belongs. This will help you determine how each chemical contributes to your facility's emissions totals. To calculate your facility's total process emissions for 1994 subject to emission fees, add the fugitive and stack totals for all the chemicals except those with chemical family codes of 5, 6 and 7.

TABLE 4

CHEMICAL FAMILY CODE

- 1 - Particulates (Part)
- 2 - Sulfur Dioxide (SO₂)
- 3 - Nitrogen Oxides (NO_x)
- 4 - Volatile Organic Compounds (VOC)
- 5 - Carbon Monoxide (CO)
- 6 - Other
- 7 - Natural
- 8 - Particulate and Hazardous Air Pollutant (HAP)
- 9 - VOC and HAP
- 10 - HAP Only

Section 2B. Process Emissions Information by Major Emission Point

Report emissions from your facility's processes for all emission points meeting the thresholds in Table 2 on page 5. Information from your permits for most or all of the "major" emission points at your facility has been provided. If you have other process emission points which exceed the Table 2 thresholds and are not listed in Section 2B, please use a Section 2B Blank Form provided at the end of this emission statement to report those emissions. Feel free to use the blank form to report your emissions in cases where you would need to correct or rewrite information.

Section 2B contains the following information that must be filled in or corrected, if necessary:

- Emission Point (Stack) number for the emission point. The Emission Point number is the one assigned by DEC on your permit.
- Permitted CO date. The date the latest certificate to operate was issued.
- Blank spaces for stack data are provided. This information should be in your permit. Please check your permit and if the stack data are not accurate and complete in your permit, please provide any additions or corrections. This information concerns location of the stack and its height and diameter. NYTM (UTM or Universal Traverse Mercator System) is a locational designation. If you cannot provide UTM coordinates, please provide your latitude and longitude.
- The SCC Code assigned by DEC should be verified. This is done by making sure the SCC Description matches the process at that emission point. Please make corrections to the description. The DEC will assign the SCC based on your description. If the

SCC description is general and asks you to provide a description, this is because the information we have on this process is inadequate to assign a proper SCC or a specific SCC does not exist for your process. For processes without SCC's, we are working with EPA to create SCC Codes.

- The Process Rate must be reported. This should be done in the units shown under Process Units. This is the total annual process rate for the unit shown below. If you cannot provide the Process Rate in the Process Units requested, you must report the information in Process Units acceptable to you and clearly indicate those units.
- The Unit Description identifies the equipment used in the process at that emission point. Please make any necessary corrections to this information.

- **Operational Data.**

Annual Average

- On average, the hours per day and days per week the units at this emission point operated.
- The number of weeks in 1994 the units at this emission point operated.

Percent operation by season

- The percentage of total process rate in 1994 for this SCC for the 3 month periods:
 - December 1994, January and February 1994
 - March - May 1994
 - June - August 1994
 - September - November 1994

Jun - Aug and Jan, Feb & Dec of 94

- On average, the hours per day and days per week the units at this emission point operated.
- The number of days during this period the units at this emission point operated.

Please note that this information for Jan, Feb and Dec of 94 is only required for the New York City Carbon Monoxide nonattainment area. This encompasses New York City and Nassau and Westchester counties.

- The control equipment description and the overall control efficiency of the equipment at that emission point needs to be filled in. The description refers to the type of equipment (e.g., catalytic oxidizer, flare, scrubber). This efficiency for each criteria pollutant considers the equipment's actual control including downtime and maintenance degradation. Space has been provided to list up to two control types and the overall removal efficiency by percentage for each criteria pollutant. This information is needed to verify the control equipment in place in 1994. Your permit should contain information on the control equipment at your facility. If

there is no control equipment at this emission point, please indicate that no controls exist.

- Actual Emissions by Cas Code for SCC listed above. The stack emissions for each contaminant at the process must be reported in pounds per year. If your emission statement contains a general emission category such as miscellaneous organics instead of a specific contaminant, you need only to report emissions as requested and not attempt to characterize these miscellaneous organic emissions by individual contaminant (Cas Code). Indicate the method in which emissions were determined by listing under HD the appropriate method code found in Table 3 on page 7.

In many cases, there are multiple SCC Codes per emission point. Each SCC Code will have all of the same segments listed above to be filled out. Copy and use Section 2B Blank Form for additional space.

Section 2C. Miscellaneous Process Emissions Report any remaining stack process emissions that your facility reported in Section 2A which were not reported in Section 2B. The instructions for this section are the same as Section 2B with the following exceptions.

All of these processes are at emission points which fall below the Table 2 thresholds. Stack data (NYTM, height, etc.) will not be available to report since the remaining emission points are grouped by general, similar processes. In order to condense this section into a more efficient format, very general SCC Descriptions have been used to group a wide range of process types. Most of these general SCC Descriptions will ask you to provide a description of the process. When this happens in Section 2C, provide a description of the overall process that corresponds with most of these emission points.

If the general SCC Description provides a reasonable description of the emission points listed and the wide range of processes make it impossible to provide a more detailed description, please write in "Not Applicable" in the space provided for the SCC Description. General SCC descriptions (e.g., 399xxxxx, 3NYxxxxx, and 4NYxxxxx) do not usually provide meaningful process rate information. If you have a general SCC listed for this section, process rate information is optional. If the SCC Description is incorrect, please provide a general description that best represents the emission points listed.

The chemicals listed for each SCC Code are found below the SCC Description and Operational Data segments. The list of chemicals came from the unit descriptions from one or more of the emission points listed on your permit. Quantify your stack emissions in pounds per year per chemical and indicate the method in which

emissions were determined by listing the appropriate HD number found in Table 3 on page 7).

Because of the number of emission points that can be involved with a single SCC, control equipment information is not asked for. Stack emissions reported should take into account any removal efficiency provided by a control device.

**Use the Section 2C Blank Form for extra space, if needed.

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR POLICY AND PROGRAMS
NOTIFICATION OF ADVERSE ENVIRONMENTAL CONDITIONS**

Commissioner of the Department of Environmental Protection of the City of New York, Petitioner, wishes to serve notice to the New York City Transit Authority of a condition found to be in violation of:

The New York City Air Pollution Control Code

or

The New York City Noise Control Code

Premise: 448 HAMILTON AV

B'KLYN!

Respondent DOT
448 HAMILTON AV
B'KLYN 11232

- Title 24 Chapter 1 (New York City Air Pollution Control Code)
 - Section 109(b): Caused or permitted the use or operation, without first obtaining a registration from petitioner of:
 - A04 (3) Fuel burning equipment using No. 4 or 6 fuel oil or solid fuel: A05 (4) Fuel burning equipment using gas, gasoline, No. 1 or 2 Fuel oil.
 - A15 Section 120: Caused or permitted the installation or alteration of equipment or apparatus without first obtaining a permit from the petitioner.
 - Section 122(b): Caused or permitted the use or operation without first obtaining an operating certificate from petitioner, of:
 - A16 (1) Fuel Burning equipment. A17(2) Equipment used in a process. A19 (4) Refuse burning equipment.
 - A21 Section 123(e): Caused or permitted operation, without making timely application to renew expired operating certificate.
 - A09 Section 113(a): Failed to have permit, operating certificate, or registration, displayed in vicinity of equipment.
 - A22 Section 141: Caused or permitted the emission of air contaminant or water vapor from equipment requiring operating certificate or registration.
 - A24 Section 141: Caused or permitted the emission of air contaminant or water vapor from unregulated source.
 - A25 Section 142(a)(1): Caused or permitted the emission of air contaminant: (smoke) from regulated source.
Density Observed #3 60% Time 09:17 to 09:19.
 - A26 Section 142(a)(1): Caused or permitted the emission of air contaminant: (smoke) from unregulated equipment.
Density Observed _____ Time _____: _____ to _____: _____.
 - A42 Section 154: Failed to submit a detailed environmental rating report.
 - A43 Section 155: Failed to maintain _____ tration in good operating order.
 - A44 Section 155: Failed to maintain _____
 - Title 24 Chapter 2 (New York City Noise Control Code)
 - N05 Section 218: Caused or permitted _____
 - N07 Section 220 (b): Used or caused that _____ al purposes wherein the sound therefrom _____ could be heard upon to public street _____
 - N27 Section 237: Operated or permitted _____ BTU's in such a manner as to exceed the _____ allowable sound level. _____
 - N28 Section 237: Operated or permitted _____ 000 BTU's in such a manner as to exceed the _____ the allowable sound level. _____

File

Other: Under Section A TITLE 24 CH
Description of Violation: SMOK

The above violation was observed at or at
on the -2- day of MAY, 199

#130 (10)

Specific Equipment/Apparatus in violation:

<input type="checkbox"/> Fuel Burning Equipment in millions of BTU/hr.	<input type="checkbox"/> Refuse Burning Equipment, Grate Area	<input type="checkbox"/> Other than fuel or Refuse Burning Equipment
Gasoline, #2 oil, or	Equipment, Grate Area	Emission
Natural Gas	<input type="checkbox"/> Less than 25 sq. ft.	Rate
<input type="checkbox"/> Less than 2.8	<input type="checkbox"/> 25 to 40 sq. ft.	<input type="checkbox"/> A
<input type="checkbox"/> 2.8 to less than 50	<input type="checkbox"/> Greater than 40 sq. ft.	<input type="checkbox"/> B
<input type="checkbox"/> 50 or greater		<input type="checkbox"/> C
		<input type="checkbox"/> D
		Env. Rating
		<input type="checkbox"/>

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR POLICY AND PROGRAMS
NOTIFICATION OF ADVERSE ENVIRONMENTAL CONDITIONS**

Commissioner of the Department of Environmental Protection of the City of New York, Petitioner, wishes to serve notice to the New York City Transit Authority of a condition found to be in violation of:

The New York City Air Pollution Control Code

or

The New York City Noise Control Code

Premise: 448 HAMILTON AV

Respondent: B'KLYN.

DOT
448 HAMILTON AV
B'KLYN 11232

- Title 24 Chapter 1 (New York City Air Pollution Control Code)
 - Section 109(b): Caused or permitted the use or operation, without first obtaining a registration from petitioner of:
 - A04 (3) Fuel burning equipment using No. 4 or 6 fuel oil or solid fuel: A05 (4) Fuel burning equipment using gas, gasoline, No. 1 or 2 Fuel oil.
 - A15 Section 120: Caused or permitted the installation or alteration of equipment or apparatus without first obtaining a permit from the petitioner.
 - Section 122(b): Caused or permitted the use or operation without first obtaining an operating certificate from petitioner, of:
 - A16 (1) Fuel Burning equipment. A17(2) Equipment used in a process. A19 (4) Refuse burning equipment.
 - A21 Section 123(e): Caused or permitted operation, without making timely application to renew expired operating certificate.
 - A09 Section 113(a): Failed to have permit, operating certificate, or registration, displayed in vicinity of equipment.
 - A22 Section 141: Caused or permitted the emission of air contaminant or water vapor from equipment requiring operating certificate or registration.
 - A24 Section 141: Caused or permitted the emission of air contaminant or water vapor from unregulated source.
 - A25 Section 142(a)(1): Caused or permitted the emission of air contaminant: (smoke) from regulated source.
Density Observed #3 60% Time 09:17 to 09:19.
 - A26 Section 142(a)(1): Caused or permitted the emission of air contaminant: (smoke) from unregulated equipment.
Density Observed _____ Time _____:_____ to _____:_____.
 - A42 Section 154: Failed to submit a detailed environmental rating report.
 - A43 Section 155: Failed to maintain equipment requiring operating certificate or registration in good operating order.
 - A44 Section 155: Failed to maintain unregulated equipment in good operating order.
- Title 24 Chapter 2 (New York City Noise Pollution Control Code)
 - N05 Section 218: Caused or permitted unnecessary noise to be made or continued.
 - N07 Section 220 (b): Used or caused to be used a sound reproduction device for commercial purposes wherein the sound therefrom could be heard upon to public street, park or place.
 - N27 Section 237: Operated or permitted to be operated a circulation device over 50,000 BTU's in such a manner as to exceed the allowable sound level.
 - N28 Section 237: Operated or permitted to be operated a circulation device less than 50,000 BTU's in such a manner as to exceed the allowable sound level.

Other: Under Section A TITLE 24 CH. 1 (AIR) N TITLE 24 CH. 2 (NOISE): Section(s) _____

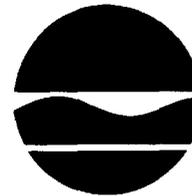
Description of Violation: SMOKE

The above violation was observed at or about 0917 a.m. on the -2- day of MAY, 19 96
Inspector's Signature: [Signature] # 130 (10)
Inspector's Signature-Badge No. Squad No. Department of Environmental Protection

Specific Equipment/Apparatus in violation:

<input type="checkbox"/> Fuel Burning Equipment in millions of BTU/hr.	<input type="checkbox"/> Refuse Burning Equipment, Grate Area	<input type="checkbox"/> Other than fuel or Refuse Burning Equipment
Gasoline, #2 oil, or Natural Gas	Equipment, Grate Area	Emission Rate
<input type="checkbox"/> #4 or #6 oil or Solid Fuels	<input type="checkbox"/> Less than 25 sq. ft.	Env. Rating
<input type="checkbox"/> Less than 2.8	<input type="checkbox"/> 25 to 40 sq. ft.	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
<input type="checkbox"/> 2.8 to less than 50	<input type="checkbox"/> Greater than 40 sq. ft.	
<input type="checkbox"/> 50 or greater		

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

By Certified Mail - Return Receipt Requested And, By Fax Transmittal

August 13, 1997

Mr. Tom Siano,
Director of Asphalt Operations
Municipal Asphalt Plant
New York City Department of Transportation
448 Hamilton Ave.
Brooklyn, N.Y. 11232

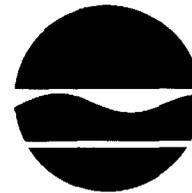
Re: Submittal Of Monthly Reports Of Asphalt Production

Dear Mr. Siano:

In the DEC letter addressed to you, dated July 7, 1997, we are reminding you that you must "submit to this office [DEC - Region 2] at the end of each month, records of your daily production of RAP and regular asphalt. Please submit said records within 7 calendar days from the end of each month." As of today we do not have your reports for the months of May, June and July 1997.

In as much as the requirement to submit the production reports is a Special Condition on your permit, failure to submit said reports is a violation of Part 201 of 6 NYCRR. The reports are also our only means to evaluate your annual CO emissions. Your current permit was issued on condition that your CO emissions do not exceed 50 tons per year. Unless we received the above-mentioned production reports by COB 7/21/97, we will have no choice but to refer the above-noted Part 201 violation to our legal staff.

New York State Department of Environmental Conservation
DIVISION OF AIR RESOURCES
Region 2
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-4944, fax (718) 482-4874



John P. Cahill
Commissioner

You also agreed to provide ASAP to DEC, an Operation and Maintenance (O&M) manual for the Hamilton Ave. Plant. Also by 7/21/1997 please advise us of the status of development of the O&M manual.

Sincerely.

A handwritten signature in black ink that reads "Bert Breitburg". The signature is written in a cursive style with a long, sweeping underline.

Bert Breitburg, P.E.

Environmental Engineer II

CC: Laurie Silberfeld, Esq. NYSDEC
Robert Elburn, NYSDEC

MEMORANDUM

TO: Bert Breitburg P.E.
NYS Department of Environmental Conservation

FROM: Tom Siano
NYC DOT Director of Asphalt Operations

DATE: February 15, 1996

RE: Stack Test for Hamilton Asphalt Plant

As per our conversation of Friday February 9, 1996, enclosed are the reasons for requesting a postponement of the required stack test for the NYC DOT Hamilton Avenue Asphalt Plant. The list is as follows:

1. Starting the asphalt plant in frigid temperatures is not in DOT's interest. Turning over motors, drives, and frozen belts may lead to possible damage to the production equipment.
2. Due to the cold temperatures and heavy snow accumulations this winter, our aggregate stockpiles are retaining an excessive amount of frozen moisture. Being that the scale conveyors cannot differentiate between aggregate, snow, or ice, the calibrated weights introduced into the drum at times differ from the amounts discharged. The calculated amount of asphalt cement required to produce a good quality hot mix has a direct correlation to aggregate weights eventually introduced. A possible result is an inconsistent mix with questionable quality.
3. Running a stack test would require us to produce more than 250 tons of asphalt for each of the required tests. Understand that during the winter season only minimal amounts of material are required daily (weather permitting) for maintenance work. To force a paving crew to lay down material under adverse weather conditions, or worse yet, to literally throw the material away is not in the City's best interest.

To date our production output has been limited. Tons per hour during the periods when we do run have been 225 T.P.H. or less. For winter maintenance activities, asphalt production has been at a minimum.

At this time it would be in our interest to perform the test in mid-April when temperatures moderate and our resurfacing program is in full swing.

cc: B/C J. Foulke, D/B/C E. Theofan, A. Taherzadeh, B. Murphy



**DEPARTMENT OF GENERAL SERVICES
DIVISION OF DESIGN AND CONSTRUCTION MANAGEMENT**

MUNICIPAL BUILDING, 16th Floor
NEW YORK, N.Y. 10007
(212) 669-7222 Fax (212) 669-2795

WILLIAM J. DIAMOND
Commissioner

PATRICIA J. LANCASTER
Deputy Commissioner

March 20, 1996

New York State Department of Environmental Conservation
Region 2 - Division of Air Resources
47-40 21st Street
Long Island City, New York 11101

Attention: Mr. Bert Breitburg, P.E.

Re: Performance of the Stack Test
at Hamilton Ave. Highway Yard
Asphalt Plant

Dear Mr. Breitburg:

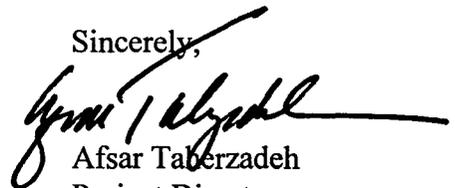
This is to inform you that we have scheduled a stack test for Hamilton Ave. Asphalt Plant.

The scheduled date for the test is Tuesday, April 16th and Wednesday, April 17th 1996. The place of the assembly is Hamilton Ave. Highway yard D.O.T. trailer.

Please inform your staff accordingly. By this letter the attendance of the following parties is requested:

B. Breitburg	-	DEC
A. Marino	-	DGS
A. Moy	-	DGS
R. Murphy	-	DOT
T. Siano	-	DOT
W. Eisenberg	-	David Smotrich & Partners
T. Osweiler	-	Gencor Industries Inc.
Assigned Staff	-	DEC, DOT, Gencor, Air Recon

Sincerely,


Afsar Taberzadeh
Project Director
Transportation Program Unit

WHERE QUALITY MATTERS

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233



Langdon Marsh
Acting Commissioner

March 6, 1994

NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
Attn: Environmental Manager

Dear Sir or Madam:

The New York State Department of Environmental Conservation (NYSDEC) is collecting information about 1993 air emissions from industrial processes, incinerators and fuel consumption at facilities across the State. NYSDEC is required by the 1990 federal Clean Air Act to collect this information annually.

NYSDEC permit records show that your facility-wide emissions exceed the thresholds in Table 1 of the enclosed instructions, therefore, your facility is considered to be a "major" facility and you are required to complete and return the enclosed 1993 Fuel Use/Industrial Process Emission Statement.

Additionally, State Environmental Conservation Law (section 72-0303) requires that emission statements be used to calculate 1994 operation permit fees. These fees are not to exceed 25 dollars per ton, up to 6000 tons, plus a Consumer Price Index adjustment for each regulated air contaminant (except carbon monoxide) and will be based on your actual 1993 emissions as confirmed by the NYSDEC.

Please return the completed statement by April 29, 1994 to:

Mr. Robert G. Sliwinski, P.E.
New York State Department of Environmental Conservation
Division of Air Resources
50 Wolf Road
Albany, NY 12233-3251

If you do not respond, you will be billed based on permitted emissions. Please note that this figure may be significantly higher than your actual emissions. Do not pay your fee with your completed statement. You will be billed at a later date.

Questions about the emission statement should be directed to Mr. Sliwinski or members of his staff at (518) 457-2823. Small businesses can get help in completing this form by contacting the Small Business Assistance Program at 1-800-882-9721.

Sincerely,

Thomas M. Allen, P.E.
Director, Division of Air Resources

New York State Department of Environmental Conservation
Division of Air Resources

1993 Fuel / Industrial Process Emission Reporting Form
Section 1 - 1993 Fuel Use Reporting Form

Owner: NYC DEPARTMENT OF TRANSPORTATION
2 RECTOR ST
NEW YORK, NY 10006 USA

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232

Attn: Environmental Manager
Phone: _____

DARID: 610000DOT2
SIC: 1752 DECID: 2610200076

Fuel Certification

I submit this document in order to comply with the major source annual emissions statement requirements of federal and state air pollution control law and certify that the information contained herein is true to the best of my knowledge. I submit this certification with the knowledge that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Print Full Name

Telephone #

Signature

Date

Notice: This information will be relied upon by DEC to implement Air Pollution Control Law.

Section 1A. - Total Fuel Consumption

Indicate which fuels this facility is capable of burning and provide actual quantity, sulfur content and heat value of fuels used in 1993.

Note - This survey is for stationary sources only. Do not include fuel use for mobile sources (e.g., fleet vehicles, forklifts, portable emergency generators, etc.)

Fuel Type	Capable (X)	-----Quantity----- 1993	Units	Sulfur Avg (%)	Heat Value BTU / Unit
Anthracite Coal	_____	_____	Tons	_____	_____
Bituminous Coal	_____	_____	Tons	_____	_____
Coke	_____	_____	Tons	_____	_____
Wood	_____	_____	Tons	N/A	_____
#1 Oil	_____	_____	Thousand Gals	_____	_____
#2 Oil	_____	_____	Thousand Gals	_____	_____
#4 Oil	_____	_____	Thousand Gals	_____	_____
#5 Oil	_____	_____	Thousand Gals	_____	_____
#6 Oil	_____	_____	Thousand Gals	_____	_____
Natural Gas	_____	_____	Million Cubic Feet	N/A	_____
LPG	_____	_____	Thousand Gals	_____	_____
*Other Solid Fuels: _____	_____	_____	Tons	_____	_____
*Other Liquid Fuels: _____	_____	_____	Thousand Gals	_____	_____
*Other Gaseous Fuels: _____	_____	_____	Million Cubic Feet	_____	_____
*Other: _____	_____	_____	_____	_____	_____

*Please describe 'Other' fuel & with appropriate units where applicable.

N/A - Not Applicable

BLANK FORM FOR SECTION 1B

Owner: NYC DEPARTMENT OF TRANSPORTATION
DAR ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

Section 1B. - Emission Point (Stack): _____ Total Heat Input _____ MMBTU/Hr
Stack Data: NYTM _____ Northing NYTM _____ Easting Stack Height _____ Ft. Stack Dia/Width _____ Ft.

Heat Input	Unit or Boiler Description
_____ MMBTU/HR	_____

Primary Control	Secondary Control	Overall control Efficiency (Percent by Pollutant)				
		Part	SOx	NOx	VOC	CO
_____	_____	_____	_____	_____	_____	_____

PROVIDE ONLY ONE BOILER DESCRIPTION WITH ONE FUEL TYPE PER NUMBERED SECTION BELOW. MAKE COPIES OF THE TWO NUMBERED SECTIONS AS NEEDED FOR REPORTING MORE THAN TWO FUELS OR TWO BOILER TYPES.

Example: Description	Fuel Name	Fuel Quantity	Fuel Units	Annual Average			Percent Fuel Use by Season			Jun - Aug			Jan, Feb, & Dec of 93			
				Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days	Hrs/Day	Days/Week	Total Days
Industrial boiler using pulverized coal: dry bottom, tangentially fired 150 MMBTU/Hr boiler rating	Bituminous Coal	1000	Tons Burned	24	7	50	50	22	10	18	24	7	77	24	7	91

1) Description _____ Fuel Name _____ Fuel Quantity _____ Fuel Units _____

Operational Data:	Annual Average			Percent Fuel Use by Season				Jun - Aug			Jan, Feb, & Dec of 93		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days	Hrs/Day	Days/Week	Total Day
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

2) Description _____ Fuel Name _____ Fuel Quantity _____ Fuel Units _____

Operational Data:	Annual Average			Percent Fuel Use by Season				Jun - Aug			Jan, Feb, & Dec of 93		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days	Hrs/Day	Days/Week	Total Day
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Section 1B. - Emission Point (Stack): _____ (Fuel combustion emissions totals for this emission point)
(THIS PART OF SECTION 1B IS OPTIONAL)

Report emissions if known. Otherwise, federal emission factors will be used to calculate your emissions.

Particulates	Sulfur Dioxide	Nitrogen Oxides	Vol. Org. Comp.	Carbon Monoxide
Lbs/Yr HD	Lbs/Yr HD	Lbs/Yr HD	Lbs/Yr HD	Lbs/Yr HD
_____	_____	_____	_____	_____

SECTION 1C - MISCELLANEOUS FUEL - USE
 (Instructions for this section are on page 5.)

Owner: NYC DEPARTMENT OF TRANSPORTATION
 DAR ID: 610000D0T2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
 DEC ID: 2610200076

***** Example *****

* Description of Fuel Usage		Fuel Type	Quantity	Units	*
* Space heating - 5 ceiling units one furnace & two hot water tanks		Natural Gas	3	Million Cubic Feet	*
* ----- Annual Average -----		* --- Percent Fuel Use by Season ---		* --- Jun - Aug ---	
* Hrs/Day Days/Wk Wks/Yr		* Dec-Feb Mar-May Jun-Aug Sep-Nov		* Jan, Feb, & Dec of 93	
* Operational Data: 24 7 26		* 50 25 0 25		* Hrs/ Days/ Total	
				* Hrs/ Days/ Total	
				* Day Week Days	
				* Day Week Days	
				* 0 0 0	
				* 24 7 91	

Provided below are three templates to be used as needed. (make copies of these blank forms if needed)

PLEASE READ THE INSTRUCTIONS ON PAGE #

1) Description of Fuel Usage Fuel Type Quantity Units

----- Annual Average ----- --- Percent Fuel Use by Season --- --- Jun - Aug --- Jan, Feb, & Dec of 93

Hrs/Day Days/Wk Wks/Yr Dec-Feb Mar-May Jun-Aug Sep-Nov Hrs/ Days/ Total Hrs/ Days/ Total

Day Week Days Day Week Days Day Week Days

Operational Data: _____

2) Description of Fuel Usage Fuel Type Quantity Units

----- Annual Average ----- --- Percent Fuel Use by Season --- --- Jun - Aug --- Jan, Feb, & Dec of 93

Hrs/Day Days/Wk Wks/Yr Dec-Feb Mar-May Jun-Aug Sep-Nov Hrs/ Days/ Total Hrs/ Days/ Total

Day Week Days Day Week Days Day Week Days

Operational Data: _____

3) Description of Fuel Usage Fuel Type Quantity Units

----- Annual Average ----- --- Percent Fuel Use by Season --- --- Jun - Aug --- Jan, Feb, & Dec of 93

Hrs/Day Days/Wk Wks/Yr Dec-Feb Mar-May Jun-Aug Sep-Nov Hrs/ Days/ Total Hrs/ Days/ Total

Day Week Days Day Week Days Day Week Days

Operational Data: _____

03082010 (Governus DOT HAM PR

DOT_P_HAM_00001205

New York State Department of Environmental Conservation
 Division of Air Resources

1993 Fuel / Industrial Process Emission Reporting Form
 Section 2 - 1993 Industrial Process Facility Emission Summary Form

Owner: NYC DEPARTMENT OF TRANSPORTATION
 2 RECTOR ST
 NEW YORK, NY 10006 USA

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
 HAMILTON AVE & 14TH STREET
 BROOKLYN, NY 11232

Attn: Environmental Manager
 Phone: _____

DARID: 610000D0T2
 SIC: 1752 DECID: 2610200076

Industrial Process Certification

I submit this document in order to comply with the major source annual emissions statement requirements of federal and state air pollution control law and certify that the information contained herein is true to the best of my knowledge. I submit this certification with the knowledge that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

 Print Full Name

 Telephone #

 Signature

 Date

Notice: This information will be relied upon by DEC to implement Air Pollution Control Law.

Section 2A. - Total Process Emissions by Pollutant

Enter the 1993 process emissions total of each pollutant from this facility:

Chemical Family Code	-----Chemical-----		1993 Fugitive Emissions		1993 Stack Emissions	
	Cas Code	Name	Lbs/Yr	HD	Lbs/Yr	HD
1	ONY075-00-0	PARTICULATES	_____	___	_____	___
*	_____	_____	_____	___	_____	___
*	_____	_____	_____	___	_____	___

* -> It isn't necessary to assign a chemical family code to any chemicals that you add to this list. The chemical family code is only for your reference. (see Table 4 on page 6)

SECTION 2C - MISCELLANEOUS PROCESS EMISSIONS

(Instructions for this section are on page 8.)

Owner: NYC DEPARTMENT OF TRANSPORTATION
 DAR ID: 610000D0T2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
 DEC ID: 2610200076

Section 2C. Aggregation of miscellaneous process sources (Stack emissions listed in Section 2A should equal section 2B + Section 2C stack emissions)

<u>SCC Code</u>	<u>SCC Description</u>	<u>Process Rate</u>	<u>Process Units</u>
30500201	Mineral Products - Asphaltic Concrete - Rotary Dryer: Conventional Plant		Tons Produced

The SCC listed above corresponds with emission point(s): 00001

<u>Operational Data:</u>	----- Annual Average -----			----- Percent Operation by Season -----				--- Jun - Aug ---		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Actual emissions by Cas Code for SCC listed above:

Chemical Family Code	Chemical Cas Code	Chemical Name	1993 Stack Emissions	
			Lbs/Yr	HD
1	ONY075-00-0	PARTICULATES	_____	_____
*	_____	_____	_____	_____
*	_____	_____	_____	_____

<u>SCC Code</u>	<u>SCC Description</u>	<u>Process Rate</u>	<u>Process Units</u>
39000689	In-Process Fuel Use Natural Gas - General		Million Cubic Feet Burned

The SCC listed above corresponds with emission point(s): 00001

<u>Operational Data:</u>	----- Annual Average -----			----- Percent Operation by Season -----				--- Jun - Aug ---		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Actual emissions by Cas Code for SCC listed above:

Chemical Family Code	Chemical Cas Code	Chemical Name	1993 Stack Emissions	
			Lbs/Yr	HD

SECTION 2C - MISCELLANEOUS PROCESS EMISSIONS

(Instructions for this section are on page 8.)

Owner: NYC DEPARTMENT OF TRANSPORTATION
DAR ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

Chemical Family Code	----- Cas Code	Chemical ----- Name	1993 Stack Emissions	
			Lbs/Yr	HD
*	_____	_____	_____	_____
*	_____	_____	_____	_____



New York City
 Department of Transportation
 40 Worth Street New York, N.Y. 10013
 Bureau of Highways



Lucius J. Riccio, Ph.D., P.E.
 Commissioner

Chris Anne Halpin, P.E.
 Deputy Commissioner /
 Chief Engineer

FACSIMILE COVER SHEET

TO: ROBERT SLIWINSKI
 COMPANY: NYS, DEC
 TELEPHONE: _____
 FAX MACHINE: (518) 457-0794

FROM: BILL SLATER
THE BROOKLYN ASPHALT PLANT
(718) 788-4516 Fax (718) 965-2930

DATE: 6/19/95

Pages including this cover page: 24 4

MESSAGE: AS PER YOUR REQUEST

New York State Department of Environmental Conservation
 Division of Air Resources
 1994 Fuel / Industrial Process Emission Reporting Form
 Section 1 - 1994 Fuel Use Reporting Form

Page 1

Owner: NYC DEPARTMENT OF TRANSPORTATION
 2 RECTOR ST
 NEW YORK, NY 10006

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
 HAMILTON AVE & 14TH STREET
 BROOKLYN, NY 11232

Attn: Environmental Manager
 Phone: _____

DARID: 610000D0T2
 SIC: 1752 DECID: 2610200076

Fuel Certification

I submit this document in order to comply with the major source annual emissions statement requirements of federal and state air pollution control law and certify upon information and belief formed after reasonable inquiry that the information contained herein is based on the best information available and is complete and accurate in accordance with the instructions. I submit this certification with the knowledge that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

THOMAS SANDO
 Print Full Name

918-788-7576
 Telephone #

THOMAS SANDO
 Signature

6/19/95
 Date

Notice: This information will be relied upon by DEC to implement Air Pollution Control Law.

Section 1A. - Total Fuel Consumption

Indicate which fuels this facility is capable of burning and provide actual quantity, sulfur content and heat value of fuels used in 1994.

Note - This survey is for stationary sources only. Do not include fuel use for mobile sources (e.g., fleet vehicles, forklifts, portable emergency generators, etc.)

Fuel Type	Capable (X)	Quantity 1994	Units	Sulfur Avg (%)	Heat Value BTU / Unit
Anthracite Coal	_____	_____	Tons	_____	_____
Bituminous Coal	_____	_____	Tons	_____	_____
Coke	_____	_____	Tons	_____	_____
Wood	_____	_____	Tons	N/A	_____
#1 Oil	_____	_____	Thousand Gals	_____	_____
#2 Oil	_____	_____	Thousand Gals	_____	_____
#4 Oil	_____	_____	Thousand Gals	_____	_____
#5 Oil	_____	_____	Thousand Gals	_____	_____
#6 Oil	_____	_____	Thousand Gals	_____	_____
Natural Gas	_____	_____	Million Cubic Feet	N/A	_____
LPG	_____	_____	Thousand Gals	_____	_____
*Other Solid Fuels: _____	_____	_____	Tons	_____	_____
*Other Liquid Fuels: _____	_____	_____	Thousand Gals	_____	_____
*Other Gaseous Fuels: _____	_____	_____	Million Cubic Feet	_____	_____
*Other: _____	_____	_____	_____	_____	_____

*Please describe 'Other' fuel & with appropriate units where applicable.

**New York State Department of Environmental Conservation
Division of Air Resources**

Owner:
NYC DEPARTMENT OF TRANSPORTATION
2 RECTOR ST
NEW YORK, NY 10006

Facility:
NYC DOT-BROOKLYN ASPHALT PLANT
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
DECID: 2610200076
DARID: 610000DOT2

**CERTIFICATION OF INTENT TO CAP OUT OF THE FEDERAL OPERATING
PERMIT PROGRAM**

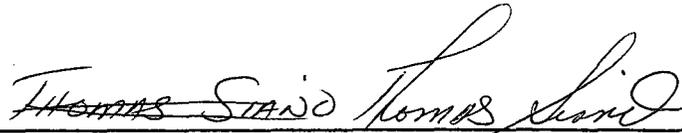
If actual emissions at your facility are below the facility-wide major source thresholds set forth in Table 1 of INSTRUCTIONS - 1994 FUEL USE/INDUSTRIAL PROCESS EMISSIONS STATEMENT and your facility is not subject to either:

1. Federal new source performance standards (NSPS) set forth in 40 CFR Part 60 (except subpart AAA, new residential wood heaters); or,
2. National emissions standards for hazardous air pollutants (NESHAPS) set forth in 40 CFR Part 61 (except section 61.145, demolition and renovation) ;

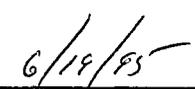
The facility is eligible to accept enforceable permit limits so that the owner and/or operator of the facility will not have to file future emission statements. Filing of the 1994 FUEL USE/INDUSTRIAL PROCESS EMISSION STATEMENT is still required. In addition, the owner and/or operator will not have to file for a federal operation permit (see 40 CFR Part 70).

The owner and/or operator of the facility must sign below to certify the intent to accept enforceable permit limitations. Upon submitting this certification and the Department's verification that the facility is indeed able to operate below the major source thresholds, the owner and/or operator will not be required to file for a federal operating permit and will not be required to submit future (1995 and beyond) emission statements. Your facility will also no longer be subject to the per ton emission fees, but will instead be subject to any applicable State regulatory fee. The Department will notify the owner and/or operator if it disagrees with the determination that a facility can cap out of the federal operating permit program.

Return this certification to the Department with your 1994 FUEL USE/INDUSTRIAL PROCESS EMISSION STATEMENT.



Signature of Duly Authorized Representative



Date

THOMAS SIANO

Name of Duly Authorized Representative
(Please Print or Type)



New York City
Department of Transportation

- Urgent
- By Fax
- Mayors Correspondence

MEMORANDUM

From: Joanne Foulke, Borough Commissioner,
Brooklyn

To: Tommy 3/31/95

- | | |
|--|---|
| <input type="checkbox"/> Review & Comment | <input type="checkbox"/> F.Y. Information |
| <input type="checkbox"/> Recommendation | <input checked="" type="checkbox"/> F.Y. Action ? |
| <input type="checkbox"/> Prepare response signed by: | <input type="checkbox"/> F.Y. Files |
| <input type="checkbox"/> Commissioner | <input type="checkbox"/> Please see me |
| <input type="checkbox"/> Me | <input type="checkbox"/> Please attend meeting: |
| <input type="checkbox"/> Self | _____ |
| <input type="checkbox"/> Other | <input type="checkbox"/> Please schedule meeting |
| <input checked="" type="checkbox"/> Due _____ | |

Comments: Who completes - you or
someone at Central ?

cc: Elizabeth

BK 95. 323

44 Court Street - Room 1108
Brooklyn, New York 11201
Tel: 718/643-3093

First Class Mail
 Inter-Office

TIME-SAVER LETTER

FREDERICK L. PASCOPELLA, P.E.
CHIEF BRIDGE AND ROADWAY OFFICER
DIVISION OF BRIDGES AND ROADWAYS

TO

B/c Foueke

DATE *3-28-95*

SUBJECT *H45 DEC Regt
For Info - Bklyn
Asphalt Plant
Emissions.*

*1
For your action/disposition*

Diana

BK95.323

© DAY-TIMERS RE-ORDER No. 2363 — Printed in USA

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233



95 MAR 20 AM 8:43

Michael Zagata
Acting Commissioner

March 9, 1995

NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
Attn: Environmental Manager

Dear Sir or Madam:

The New York State Department of Environmental Conservation (NYSDEC) is collecting information about 1994 air emissions from industrial processes, incinerators and fuel consumption at facilities across the State. NYSDEC is required by the 1990 federal Clean Air Act to collect this information annually.

The 1994 Instruction Form has been revised to reflect changes agreed to by NYSDEC to settle litigation (see Eastman Kodak Company v. New York State Department of Environmental Conservation, Index No.7902-94). NYSDEC has determined that it will be proposing revisions to 6 New York Codes Rules and Regulations (NYCRR) Subpart 202-2 to reflect the agreed upon changes in the 1994 Instruction Form. INFORMATION AND CERTIFICATION SHOULD BE PROVIDED AS REQUESTED IN THE INSTRUCTION FORM, ALTHOUGH IT DIFFERS FROM SUBSECTIONS 202-2.2(b) (16), 202-2.3(1) AND (3) OF 6NYCRR SUBPART 202-2. THE CONFLICTING PROVISIONS IN THE REGULATION WILL NOT BE ENFORCED BY THE DEPARTMENT.

NYSDEC permit records show that your facility-wide emissions could exceed the thresholds in Table 1 of the enclosed instructions, therefore, your facility is considered to be a "major" facility and is required by 6NYCRR SubPart 202-2 to complete and return the enclosed 1994 Fuel Use/Industrial Process Emission Statement. A copy of this letter is being sent to the facility owner as listed in the NYSDEC permit data base.

NYSDEC uses permit records to determine applicability and for providing an individualized emission statement for each facility. Because of limitations with our current computer system, it is not possible for all of the updated information provided in previous emission statement submittals to be included on the 1994 forms. Still, every attempt has been made to update emission statement information and have your form reflect current permit data.

State Environmental Conservation Law (section 72-0303) requires that emission statements be used to calculate 1995 operation permit fees. Currently, these fees are not to exceed 25 dollars per ton, up to 6000 tons, plus a Consumer Price Index adjustment for each regulated air contaminant (except carbon monoxide) and will be based on your actual 1994 emissions as confirmed by the NYSDEC.

Bka

Please return the completed statement by April 15, 1995 to:

Mr. Robert G. Sliwinski, P.E.
New York State Department of Environmental Conservation
Division of Air Resources
50 Wolf Road
Albany, NY 12233-3251

In addition, a Certification of Intent to Cap Out of the Federal Operating Permit Program form has been enclosed. If you intend to accept permit limitations to restrict operations at your facility below major source thresholds, please complete the form and return it with your completed emission statement. This will aid the Department in determining the impact of this program on individual facilities and the State of New York.

If you do not respond, your bill will reflect maximum permitted emissions. Please note that this figure may be significantly higher than your actual emissions. Do not pay your fee now. You will be billed at a later date.

Questions on the emission statement should be directed to Mr. Sliwinski or his staff at (518) 457-2823. Small businesses, generally independently owned and operated businesses with fewer than 100 employees, can get help in completing this form by contacting the Small Business Assistance Program at 1-800-882-9721.

Sincerely,



Thomas M. Allen, P.E.
Director, Division of Air Resources

cc: Facility Owner (cover letter only)

**New York State Department of Environmental Conservation
Division of Air Resources**

Owner:
NYC DEPARTMENT OF TRANSPORTATION
2 RECTOR ST
NEW YORK, NY 10006

Facility:
NYC DOT-BROOKLYN ASPHALT PLANT
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
DECID: 2610200076
DARID: 610000DOT2

**CERTIFICATION OF INTENT TO CAP OUT OF THE FEDERAL OPERATING
PERMIT PROGRAM**

If actual emissions at your facility are below the facility-wide major source thresholds set forth in Table 1 of INSTRUCTIONS - 1994 FUEL USE/INDUSTRIAL PROCESS EMISSIONS STATEMENT and your facility is not subject to either:

1. Federal new source performance standards (NSPS) set forth in 40 CFR Part 60 (except subpart AAA, new residential wood heaters); or,
2. National emissions standards for hazardous air pollutants (NESHAPS) set forth in 40 CFR Part 61 (except section 61.145, demolition and renovation);

The facility is eligible to accept enforceable permit limits so that the owner and/or operator of the facility will not have to file future emission statements. Filing of the 1994 FUEL USE/INDUSTRIAL PROCESS EMISSION STATEMENT is still required. In addition, the owner and/or operator will not have to file for a federal operation permit (see 40 CFR Part 70).

The owner and/or operator of the facility must sign below to certify the intent to accept enforceable permit limitations. Upon submitting this certification and the Department's verification that the facility is indeed able to operate below the major source thresholds, the owner and/or operator will not be required to file for a federal operating permit and will not be required to submit future (1995 and beyond) emission statements. Your facility will also no longer be subject to the per ton emission fees, but will instead be subject to any applicable State regulatory fee. The Department will notify the owner and/or operator if it disagrees with the determination that a facility can cap out of the federal operating permit program.

Return this certification to the Department with your 1994 FUEL USE/INDUSTRIAL PROCESS EMISSION STATEMENT.

Signature of Duly Authorized Representative

Date

Name of Duly Authorized Representative
(Please Print or Type)

Owner: NYC DEPARTMENT OF TRANSPORTATION
 2 RECTOR ST
 NEW YORK, NY 10006

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
 HAMILTON AVE & 14TH STREET
 BROOKLYN, NY 11232

Attn: Environmental Manager
 Phone: _____

DARID: 610000D0T2
 SIC: 1752 DECID: 2610200076

Fuel Certification

I submit this document in order to comply with the major source annual emissions statement requirements of federal and state air pollution control law and certify upon information and belief formed after reasonable inquiry that the information contained herein is based on the best information available and is complete and accurate in accordance with the instructions. I submit this certification with the knowledge that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

 Print Full Name

 Telephone #

 Signature

 Date

Notice: This information will be relied upon by DEC to implement Air Pollution Control Law.

Section 1A. - Total Fuel Consumption

Indicate which fuels this facility is capable of burning and provide actual quantity, sulfur content and heat value of fuels used in 1994.

Note - This survey is for stationary sources only. Do not include fuel use for mobile sources (e.g., fleet vehicles, forklifts, portable emergency generators, etc.)

Fuel Type	Capable (X)	Quantity 1994	Units	Sulfur Avg (%)	Heat Value BTU / Unit
Anthracite Coal	_____	_____	Tons	_____	_____
Bituminous Coal	_____	_____	Tons	_____	_____
Coke	_____	_____	Tons	_____	_____
Wood	_____	_____	Tons	N/A	_____
#1 Oil	_____	_____	Thousand Gals	_____	_____
#2 Oil	_____	_____	Thousand Gals	_____	_____
#4 Oil	_____	_____	Thousand Gals	_____	_____
#5 Oil	_____	_____	Thousand Gals	_____	_____
#6 Oil	_____	_____	Thousand Gals	_____	_____
Natural Gas	_____	_____	Million Cubic Feet	N/A	_____
LPG	_____	_____	Thousand Gals	_____	_____
*Other Solid Fuels: _____	_____	_____	Tons	_____	_____
*Other Liquid Fuels: _____	_____	_____	Thousand Gals	_____	_____
*Other Gaseous Fuels: _____	_____	_____	Million Cubic Feet	_____	_____
*Other: _____	_____	_____	_____	_____	_____

*Please describe 'Other' fuel & with appropriate units where applicable.
 N/A - Not Applicable

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BLANK FORM FOR SECTION 1B

Owner: NYC DEPARTMENT OF TRANSPORTATION
DAR ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

Section 1B. - Emission Point (Stack): _____ Total Heat Input _____ MMBTU/Hr
 Stack Data: NYTM _____ Northing NYTM _____ Easting Stack Height _____ Ft. Stack Dia/Width _____ Ft.
Heat Input _____ Unit or Boiler Description _____
 _____ MMBTU/HR
 _____ MMBTU/HR
 _____ MMBTU/HR
 _____ MMBTU/HR

<u>Primary Control</u>	<u>Secondary Control</u>	<u>Overall control Efficiency</u> (Percent by Pollutant)				
		<u>Part</u>	<u>SOx</u>	<u>NOx</u>	<u>VOC</u>	<u>CO</u>
_____	_____	_____	_____	_____	_____	_____

PROVIDE ONLY ONE BOILER DESCRIPTION WITH ONE FUEL TYPE PER NUMBERED SECTION BELOW. MAKE COPIES OF THE TWO NUMBERED SECTIONS AS NEEDED FOR REPORTING MORE THAN TWO FUELS OR TWO BOILER TYPES.

<u>1) Description</u>	<u>Fuel Name</u>	<u>Fuel Quantity</u>	<u>Fuel Units</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<u>Operational Data:</u>	---- Annual Average ---- Hrs/Day Days/Wk Wks/Yr	--- Percent Fuel Use by Season --- Dec-Feb Mar-May Jun-Aug Sep-Nov	--- Jun - Aug --- Hrs/ Day Days/ Total Day Week Days

Section 1B. - Fuel combustion emissions totals for the SCC listed above
(THIS PART OF SECTION 1B IS OPTIONAL)

Report emissions if known. Otherwise, federal emission factors will be used to calculate your emissions.

<u>Particulates</u> Lbs/Yr HD	<u>Sulfur Dioxide</u> Lbs/Yr HD	<u>Nitrogen Oxides</u> Lbs/Yr HD	<u>Vol. Org. Comp.</u> Lbs/Yr HD	<u>Carbon Monoxide</u> Lbs/Yr HD
_____	_____	_____	_____	_____

<u>2) Description</u>	<u>Fuel Name</u>	<u>Fuel Quantity</u>	<u>Fuel Units</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<u>Operational Data:</u>	---- Annual Average ---- Hrs/Day Days/Wk Wks/Yr	--- Percent Fuel Use by Season --- Dec-Feb Mar-May Jun-Aug Sep-Nov	--- Jun - Aug --- Hrs/ Day Days/ Total Day Week Days

Section 1B. - Fuel combustion emissions totals for the SCC listed above
(THIS PART OF SECTION 1B IS OPTIONAL)

Report emissions if known. Otherwise, federal emission factors will be used to calculate your emissions.

<u>Particulates</u> Lbs/Yr HD	<u>Sulfur Dioxide</u> Lbs/Yr HD	<u>Nitrogen Oxides</u> Lbs/Yr HD	<u>Vol. Org. Comp.</u> Lbs/Yr HD	<u>Carbon Monoxide</u> Lbs/Yr HD
_____	_____	_____	_____	_____

DOT_P_HAM_00001221

SECTION 1C - MISCELLANEOUS FUEL - USE

(Instructions for this section are on page 7.)

Owner: NYC DEPARTMENT OF TRANSPORTATION
DAR ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

***** Example *****

Description of Fuel Usage	Fuel Type	Quantity	Units
Space heating - 5 ceiling units one furnace & two hot water tanks	Natural Gas	3	Million Cubic Feet
<p>----- Annual Average ----- --- Percent Fuel Use by Season --- --- Jun - Aug --- Jan, Feb, & Dec of 94</p> <p>Hrs/Day Days/Wk Wks/Yr Dec-Feb Mar-May Jun-Aug Sep-Nov Hrs/ Days/ Total Hrs/ Days/ Total</p> <p>Operational Data: 24 7 26 50 25 0 25 Day Week Days Day Week Days</p> <p>0 0 0 24 7 91</p>			

Provided below are three templates to be used as needed. (make copies of these blank forms if needed)
PLEASE READ THE INSTRUCTIONS ON PAGE 7

1) Description of Fuel Usage Fuel Type Quantity Units

----- Annual Average ----- --- Percent Fuel Use by Season --- --- Jun - Aug --- Jan, Feb, & Dec of 94

Hrs/Day Days/Wk Wks/Yr Dec-Feb Mar-May Jun-Aug Sep-Nov Hrs/ Days/ Total Hrs/ Days/ Total

Operational Data: _____ _____ _____ _____ _____ _____ _____ _____ _____

2) Description of Fuel Usage Fuel Type Quantity Units

----- Annual Average ----- --- Percent Fuel Use by Season --- --- Jun - Aug --- Jan, Feb, & Dec of 94

Hrs/Day Days/Wk Wks/Yr Dec-Feb Mar-May Jun-Aug Sep-Nov Hrs/ Days/ Total Hrs/ Days/ Total

Operational Data: _____ _____ _____ _____ _____ _____ _____ _____ _____

3) Description of Fuel Usage Fuel Type Quantity Units

----- Annual Average ----- --- Percent Fuel Use by Season --- --- Jun - Aug --- Jan, Feb, & Dec of 94

Hrs/Day Days/Wk Wks/Yr Dec-Feb Mar-May Jun-Aug Sep-Nov Hrs/ Days/ Total Hrs/ Days/ Total

Operational Data: _____ _____ _____ _____ _____ _____ _____ _____ _____

New York State Department of Environmental Conservation
Division of Air Resources

1994 Fuel / Industrial Process Emission Reporting Form
Section 2 - 1994 Industrial Process Facility Emission Summary Form

Owner: NYC DEPARTMENT OF TRANSPORTATION
2 RECTOR ST
NEW YORK, NY 10006

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232

Attn: Environmental Manager
Phone: _____

DARID: 610000D0T2
SIC: 1752 DECID: 2610200076

Industrial Process Certification

I submit this document in order to comply with the major source annual emissions statement requirements of federal and state air pollution control law and certify upon information and belief formed after reasonable inquiry that the information contained herein is based on the best information available and is complete and accurate in accordance with the instructions. I submit this certification with the knowledge that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Print Full Name

Telephone #

Signature

Date

Notice: This information will be relied upon by DEC to implement Air Pollution Control Law.

Section 2A. - Total Process Emissions by Pollutant

Enter the 1994 process emissions total of each pollutant from this facility:

Chemical Family Code	-----Chemical-----		1994 Fugitive Emissions		1994 Stack Emissions	
	Cas Code	Name	Lbs/Yr	HD	Lbs/Yr	HD
1	0NY075-00-0	PARTICULATES	_____	_____	_____	_____
*	_____	_____	_____	_____	_____	_____
*	_____	_____	_____	_____	_____	_____

* -> It isn't necessary to assign a chemical family code to any chemicals that you add to this list. The chemical family code is only for your reference. (see Table 4 on page 9)

1994 Fuel / Industrial Process Emission Survey
SECTION 2C - MISCELLANEOUS PROCESS EMISSIONS
 (Instructions for this section are on page 11.)

Owner: NYC DEPARTMENT OF TRANSPORTATION
 DAR ID: 610000D0T2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
 DEC ID: 2610200076

Section 2C. Aggregation of miscellaneous process sources (Stack emissions listed in Section 2A should equal section 2B + Section 2C stack emissions)

<u>SCC Code</u>	<u>SCC Description</u>	<u>Process Rate</u>	<u>Process Units</u>
30500201	Mineral Products - Asphaltic Concrete - Rotary Dryer: Conventional Plant	_____	Tons Produced

The SCC listed above corresponds with emission point(s): 00001

<u>Operational Data:</u>	----- Annual Average -----			----- Percent Operation by Season -----				--- Jun - Aug ---		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Actual emissions by Cas Code for SCC listed above:

<u>Chemical Family Code</u>	<u>Cas Code</u>	<u>Chemical Name</u>	<u>1994 Stack Emissions</u>	
			<u>Lbs/Yr</u>	<u>HD</u>
1	ONY075-00-0	PARTICULATES	_____	_____
*	_____	_____	_____	_____
*	_____	_____	_____	_____

<u>SCC Code</u>	<u>SCC Description</u>	<u>Process Rate</u>	<u>Process Units</u>
39000689	In-Process Fuel Use Natural Gas - General	_____	Million Cubic Feet Burned

The SCC listed above corresponds with emission point(s): 00001

<u>Operational Data:</u>	----- Annual Average -----			----- Percent Operation by Season -----				--- Jun - Aug ---		
	Hrs/Day	Days/Wk	Wks/Yr	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	Hrs/Day	Days/Week	Total Days
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

1994 Fuel / Industrial Process Emission Survey
SECTION 2C - MISCELLANEOUS PROCESS EMISSIONS
(Instructions for this section are on page 11.)

Owner: NYC DEPARTMENT OF TRANSPORTATION
DAR ID: 610000DOT2

Facility: NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076

Actual emissions by Cas Code for SCC listed above:

Chemical Family Code	----- Cas Code	Chemical ----- Name	1994 Stack Emissions	
			Lbs/Yr	HD
*	_____	_____	_____	_____
*	_____	_____	_____	_____

INSTRUCTIONS - 1994 FUEL USE/INDUSTRIAL PROCESS EMISSION STATEMENT

The 1994 Fuel Use/Industrial Process Emission Statement was sent to you because your facility's permitted emissions exceed one of the major source thresholds listed in Table 1. The federal Clean Air Act (sections 182(a)(3)(B) and 502(b)(3)) and State Environmental Conservation Law (section 72-0303) and Title 6 of the New York Code of Rules and Regulations Part 202-2, "Emission Statements," require each major facility to report emissions annually and pay a permit fee based on the actual total tonnage of emissions. The information on this form allows the New York State Department of Environmental Conservation (NYSDEC) to calculate the emissions from your facility and report these emissions in the required format to the United States Environmental Protection Agency.

TABLE 1 - FACILITY-WIDE MAJOR SOURCE THRESHOLDS

<u>Air Contaminant</u>	<u>Ozone Nonattainment Area*</u>	<u>Rest of New York State</u>
Particulates (Part)	100	100
Sulfur Dioxide (SO ₂)	100	100
Nitrogen Oxides (NO _x)	25	100
Volatile Organic Compounds (VOC)	25	50
Carbon Monoxide (CO)	100	100
Lead (Pb)	5	5
Hazardous Air Pollutants (HAP)**	10/25	10/25

* - The ozone nonattainment areas include the City of New York; the counties of Nassau, Rockland, Suffolk, Westchester, Orange, Albany, Rensselaer, Greene, Saratoga, Schenectady, Montgomery, Dutchess, Putnam, Niagara and Erie.

** - A facility is major source for HAPs (as defined in section 112(b) of the Clean Air Act) if emissions of any one pollutant equals or exceeds 10 tons per year or the combined emissions of all HAPs equals or exceeds 25 tons per year. A listing of HAPs is available upon request.

Your 1995 permit fee will be based on your 1994 actual emissions as confirmed by the NYSDEC. This statutory fee is currently 25 dollars per ton plus a Consumer Price Index adjustment. It is redetermined annually and published as a rule by July 1 each year. You are required to pay the fee for each regulated air contaminant (except carbon monoxide) up to 6000 tons.

You must respond to this survey even if your emissions are below the thresholds above. If you do not respond to this survey, you will be in violation of State Environmental Conservation Law and your fee will be based on your maximum permitted emissions.

Please note that this figure may be significantly higher than your actual emissions. Do not pay your fee with your completed statement. You will be billed at a later date.

The 1994 emission statements were developed from information provided by the NYSDEC Source Management System (SMS). SMS contains your facility's permit data which is a compilation of information you have provided the Regional NYSDEC Offices through permitting applications and updates. Presently, SMS is in the process of being replaced by another system which will, separately, handle both the permitting data and this emission statement data. The data from the permitting portion of the new system will be used, like SMS, to generate future emission statements.

We understand that, by creating the emission statement from the permit data, many facilities which previously submitted updated information through previous emission statements will not see these changes reflected in their 1994 emission statement. If there are differences between the information on this emission statement and your facility's operations, you must submit corrections or modifications to your NYSDEC Regional Office so your permit can be updated and/or modified. Also, please make corrections to your 1994 emission statement so the information submitted represents an accurate accounting of 1994 emissions from your facility.

If you have any questions regarding this form, you may call Robert Sliwinski or members of his staff at 518-457-2823.

Small businesses can get help in filling out emission statements by contacting the Small Business Assistance Program, New York Environmental Facilities Corporation, at 1-800-882-9721. For general information on this and other Clean Air Act requirements, you can call the Clean Air Act Ombudsman, New York Department of Economic Development, 1-800-STATE-NY (782-8369), extension 157. See enclosed brochure.

You may request that information submitted in emission statements be designated as a trade secret in accordance with 6 NYCRR Part 616. Data elements not considered to be trade secrets include: facility emissions, estimated emissions method, and Source Classification Code (SCC). The NYSDEC will evaluate claims of confidentiality in accordance with Part 616.

PLEASE RETURN COMPLETED EMISSION STATEMENTS BY APRIL 15, 1995 TO:

Robert G. Sliwinski
New York State Department of Environmental Conservation
Division of Air Resources
50 Wolf Road
Albany, NY 12233-3251

**INSTRUCTIONS - 1994 FUEL USE/INDUSTRIAL PROCESS EMISSION
STATEMENT**

GENERAL OVERVIEW

This individualized emission statement has been developed from information the Department currently is carrying in its computer. Section 1 is for reporting fuel use and related emissions data. Section 2 is for reporting industrial process emissions. If one of these sections is not applicable to your facility, simply sign the certification and return the first page of the section stating that the section is not applicable to your facility. You are required to report all emissions at your facility with the exception of emissions from the following activities:

- a. On-road internal combustion engines (cars, buses, trucks).
- b. Off-road internal combustion engines (lawn and garden equipment, light mobile commercial welders, forklifts).
- c. Surface cleaning/degreasing for janitorial purposes other than of industrial machines.
- d. Architectural surfacing coating (building painting).
- e. Asphalt paving.
- f. Commercial/consumer solvent use (household products, toiletries, aerosol products, polishes, pesticides, nonindustrial adhesives and space deodorants).
- g. Emissions from lab hoods and bench-scale research and development activities. *Lab hoods are structures made for exhausting air from laboratories. Lab hoods are used for special purposes such as, but not limited to, capturing gases from equipment such as atomic absorption, gas chromatographs, liquid pouring or mixing stations and heat sources.*
- h. Emissions from other research and development activities where the exempt emissions for a category of pollutants (VOC, NO_x, SO_x, Particulates, CO, and HAPS) does not exceed 0.5 % of the facility's emissions for that category of pollutants up to 10,000 pounds/year (1,000 pounds/year in the New York City Metropolitan Area). Owners or operators may have the cap on this exemption adjusted by showing the Department that this reporting would prove to be an undue burden to the facility.
- i. Emissions from activities exempt from permitting.

- j. Emissions of individual contaminants (identified by Cas Code) less than 10 pounds per year may be reported on an emission point basis as less than 10 pounds. For purposes of calculating emission fees, contaminants reported as less than 10 pounds will be treated as though 10 pounds of the contaminant was emitted.

This reporting is for inventory purposes only. The exemptions above do not reflect on any permitting requirements.

Section 1 - 1994 Fuel Use Reporting Form

Under Section 1 you will provide information about your facility's 1994 fuel consumption including: total fuel-use by fuel type in Section 1A; fuel consumption at emission points which meet Table 2 thresholds in Section 1B; and all remaining fuel consumption with operational data in Section 1C. All of the fuel which you report in Section 1A must be reported in either Section 1B or Section 1C (i.e., fuel reported in 1A = fuel reported in 1B + fuel reported in 1C). The person who is responsible for the proper submission of this form for this facility will sign and fill-in the Fuel Certification at the beginning of Section 1.

Section 1A. Total Fuel Consumption Report all of your facility's fuel consumption by fuel type. This may include fuel consumed at units not on your NYSDEC permit. List the corresponding sulfur content and heat value of each fuel you burned in 1994. You should contact your supplier if you need more information on the heat value and sulfur content of the fuels you burn. Also, make sure that you have listed the correct quantity of fuel with the appropriate units.

Section 1B. Fuel-Use Information by Major Emission Point Report your emissions from combustion activities for all emission points meeting the thresholds as defined by Table 2. Information from your permits for most or all of your "major" emission points has been provided with descriptions of the boilers and Source Classification Codes (SCCs).

TABLE 2

EMISSION POINT REPORTING THRESHOLDS

<u>Air Contaminant</u>	<u>Threshold (tons/year)</u>
Particulates (Part)	25
Sulfur Dioxide (SO ₂)	25
Nitrogen Oxides (NO _x)	25
Volatile Organic Compounds (VOC)	5
Carbon Monoxide (CO)	25
Lead (Pb)	5
Hazardous Air Pollutants (HAP) *	10/25

* - The emission point reporting threshold for HAPs is 10 tons per year of any one HAP and 25 tons per year for any combination of HAPs.

If you have other fuel combustion emission points which exceed the Table 2 thresholds and are not listed in Section 1B, please use the Section 1B Blank Form provided at the end of this emission statement for submitting those emissions. Feel free to use the blank form to report your emissions in cases where you would need

to correct or rewrite information.

Section 1B contains the following that must be filled in or corrected, if necessary.

- Emission Point (Stack) number and Total Heat Input for the emission point. The Emission Point number is the one assigned by DEC on your permit. Total Heat Input is the sum of the maximum heat input (million Btu per hour) for all units at the emission point.
- Permitted CO date. The date the latest certificate to operate was issued.
- Blank spaces for stack data are provided. This information should be in your permit. Please check your permit and if the stack data are not accurate and complete in your permit, please provide any additions or corrections. This information concerns location of the stack and its height and diameter. NYTM (UTM or Universal Traverse Mercator System) is a locational designation. If you cannot provide UTM coordinates, please provide your latitude and longitude.
- The ID number, size and a description of the unit. This is your ID, maximum rated capacity (e.g., MMBtu/hr, brake horsepower-hour), and usually the manufacturer's name.
- Control equipment description and overall control efficiency of the equipment at that emission point needs to be reported. The description refers to the type of equipment (e.g., baghouse, scrubber, flue gas desulfurization). Efficiency for each criteria pollutant considers the equipment's actual control including downtime and maintenance degradation.
- The amount of fuel burned at each emission point must be reported. This information is tied to a Source Classification Code (SCC) that describes the unit and the fuel. Please make corrections to the description, if necessary. It is not necessary to supply SCC, the Department will do so based on the information you provide. An emission point may have several SCC's (usually one for each type of fuel).
- Operational data for the SCC.
 - Annual Average
 - On average, the hours per day and days per week the units at this emission point operated on this fuel.
 - The number of weeks in 1994 the units at this emission point operated on this fuel.
 - Percent fuel use by season
 - The percentage of total fuel burned in 1994 for this SCC for the 3 month periods:

December 1994, January and February 1994
March - May 1994
June - August 1994
September - November 1994

Jun - Aug and Jan, Feb & Dec of 94

- On **average**, the hours per day and days per week the units at this emission point operated on this fuel.
- The number of days during this period the units at this emission point operated on this fuel.

Please note that this information for Jan, Feb and Dec of 94 is only required for the New York City Carbon Monoxide nonattainment area. This encompasses New York City and Nassau and Westchester counties.

- You have the option of reporting the emissions corresponding to the fuel at each SCC. The last part of Section 1B is for reporting your emissions for that SCC. This part of Section 1B is OPTIONAL. If you do not complete this section, federal emission factors will be used to calculate your emissions. If you choose to report emissions for a specific SCC, enter emissions by criteria pollutant in pounds per year and list under HD (How Determined) the method code from Table 3.

TABLE 3

HD - HOW DETERMINED (ESTIMATED EMISSIONS METHOD CODE)

1. Stack samples or other emissions measurements
2. Material balance using knowledge of the process
3. National emission factors
4. Best engineering judgement
5. State or local agency emission factors approved by EPA

****Use Section 1B Blank Forms for additional space as needed.****

Section 1C. Miscellaneous Fuel-Use Report any remaining fuel reported in Section 1A which was not reported in Section 1B. This is generally small amounts of fuel that need only to be reported by similar general descriptions for each fuel type. Examples of descriptions are:

- 1) Natural gas used to run four baking ovens;
- 2) Natural gas used for space heating; runs 5 ceiling units, one furnace, and two water tanks; or
- 3) #6 oil used for 2 process heaters.

With each description listed, provide fuel type, quantity of fuel consumed, and appropriate units. Make copies of Section 1C as needed. **Be sure all of the fuel listed in Section 1A is reported in either Section 1B or Section 1C.**

Section 2 - Industrial Process Facility Emission Summary Form

Provide information about your facility's 1994 process emissions including: total fugitive and stack emissions by Chemical Abstract Service (Cas) Code in Section 2A; total emissions by process at emission points which meet Table 2 thresholds (see page 5) in Section 2B; and total remaining process emissions by description with operational data in Section 2C.

Alternatively, owners or operators may provide emission statement data, including emission and process rate information and operating data in another format acceptable to the Department, if necessary to protect confidential information, to provide information with a higher degree of accuracy, to rely on existing monitoring and/or recordkeeping practices or to address other reasonable concerns and/or needs.

If your emission statement includes general emission categories such as miscellaneous organics or particulates instead of specific contaminants, you need only report the emissions of these general categories and not attempt to identify each specific contaminant by individual contaminant (Cas Code). This does not relieve you of the responsibility of reporting all non-exempt emissions at your facility and the individual contaminants shown on the emission statement.

All of the **stack** emissions reported in Section 2A must be reported in either Section 2B or Section 2C (i.e., stack emissions in 2A = stack emissions in 2B + stack emissions in 2C). The person who is responsible for the proper submission of this form for this facility will sign and fill-in the Industrial Process Certification at the beginning of Section 2.

Section 2A. Total Process Emissions by Pollutant List all of your facility's stack and fugitive emissions by Cas Code. You must also list how you determined the emissions for each Cas Code under HD (see Table 3 on page 7). Blank spaces are provided for corrections or additions to the list of chemicals. Fugitive emissions for reporting purposes are emissions that do not exit through a stack. If you cannot calculate fugitive emissions for a particular chemical, supply the total emissions in the stack column.

The chemical family code (see Table 4 on page 9) is supplied to help you determine which criteria group each chemical belongs. This will help you determine how each chemical contributes to your facility's emissions totals. To calculate your facility's total process emissions for 1994 subject to emission fees, add the fugitive and stack totals for all the chemicals except those with chemical family codes of 5, 6 and 7.

TABLE 4

CHEMICAL FAMILY CODE

- 1 - Particulates (Part)
- 2 - Sulfur Dioxide (SO₂)
- 3 - Nitrogen Oxides (NO_x)
- 4 - Volatile Organic Compounds (VOC)
- 5 - Carbon Monoxide (CO)
- 6 - Other
- 7 - Natural
- 8 - Particulate and Hazardous Air Pollutant (HAP)
- 9 - VOC and HAP
- 10 - HAP Only

Section 2B. Process Emissions Information by Major Emission Point

Report emissions from your facility's processes for all emission points meeting the thresholds in Table 2 on page 5. Information from your permits for most or all of the "major" emission points at your facility has been provided. If you have other process emission points which exceed the Table 2 thresholds and are not listed in Section 2B, please use a Section 2B Blank Form provided at the end of this emission statement to report those emissions. Feel free to use the blank form to report your emissions in cases where you would need to correct or rewrite information.

Section 2B contains the following information that must be filled in or corrected, if necessary:

- Emission Point (Stack) number for the emission point. The Emission Point number is the one assigned by DEC on your permit.
- Permitted CO date. The date the latest certificate to operate was issued.
- Blank spaces for stack data are provided. This information should be in your permit. Please check your permit and if the stack data are not accurate and complete in your permit, please provide any additions or corrections. This information concerns location of the stack and its height and diameter. NYTM (UTM or Universal Traverse Mercator System) is a locational designation. If you cannot provide UTM coordinates, please provide your latitude and longitude.
- The SCC Code assigned by DEC should be verified. This is done by making sure the SCC Description matches the process at that emission point. Please make corrections to the description. The DEC will assign the SCC based on your description. If the

SCC description is general and asks you to provide a description, this is because the information we have on this process is inadequate to assign a proper SCC or a specific SCC **does not exist for your process.** For processes without SCC's, we are working with EPA to create SCC Codes.

- The Process Rate must be reported. This should be done in the units shown under Process Units. This is the total annual process rate for the unit shown below. If you cannot provide the Process Rate in the Process Units requested, you must report the information in Process Units acceptable to you and clearly indicate those units.
- The Unit Description identifies the equipment used in the process at that emission point. Please make any necessary corrections to this information.

- **Operational Data.**

Annual Average

- On **average**, the hours per day and days per week the units at this emission point operated.
- The number of weeks in 1994 the units at this emission point operated.

Percent operation by season

- The percentage of total process rate in 1994 for this SCC for the 3 month periods:
 - December 1994, January and February 1994
 - March - May 1994
 - June - August 1994
 - September - November 1994

Jun - Aug and Jan, Feb & Dec of 94

- On **average**, the hours per day and days per week the units at this emission point operated.
 - The number of days during this period the units at this emission point operated.
- Please note that this information for Jan, Feb and Dec of 94 is only required for the New York City Carbon Monoxide nonattainment area. This encompasses New York City and Nassau and Westchester counties.**

- The control equipment description and the overall control efficiency of the equipment at that emission point needs to be filled in. The description refers to the type of equipment (e.g., catalytic oxidizer, flare, scrubber). This efficiency for each criteria pollutant considers the equipment's actual control **including downtime and maintenance degradation.** Space has been provided to list up to two control types and the overall removal efficiency by percentage for each criteria pollutant. This information is needed to verify the control equipment in place in 1994. Your permit should contain information on the control equipment at your facility. If

there is no control equipment at this emission point, please indicate that no controls exist.

- Actual Emissions by Cas Code for SCC listed above. The stack emissions for each contaminant at the process must be reported in pounds per year. If your emission statement contains a general emission category such as miscellaneous organics **instead** of a specific contaminant, you need only to report emissions as requested and **not** attempt to characterize these miscellaneous organic emissions by individual contaminant (Cas Code). Indicate the method in which emissions were determined by listing under **HD** the appropriate method code found in Table 3 on page 7.

In many cases, there are multiple SCC Codes per emission point. Each SCC Code will have all of the same segments listed above to be filled out. Copy and use Section 2B Blank Form for additional space.

Section 2C. Miscellaneous Process Emissions Report any remaining stack process emissions that your facility reported in Section 2A which were not reported in Section 2B. The instructions for this section are the same as Section 2B with the following exceptions.

All of these processes are at emission points which fall below the Table 2 thresholds. Stack data (NYTM, height, etc.) will not be available to report since the remaining emission points are grouped by general, similar processes. In order to condense this section into a more efficient format, very general SCC Descriptions have been used to group a wide range of process types. Most of these general SCC Descriptions will ask you to provide a description of the process. When this happens in Section 2C, provide a description of the overall process that corresponds with most of these emission points.

If the general SCC Description provides a reasonable description of the emission points listed and the wide range of processes make it is impossible to provide a more detailed description, please write in "Not Applicable" in the space provided for the SCC Description. General SCC descriptions (e.g., 399xxxxx, 3NYxxxxx, and 4NYxxxxx) do not usually provide meaningful process rate information. If you have a general SCC listed for this section, process rate information is optional. If the SCC Description is incorrect, please provide a general description that best represents the emission points listed.

The chemicals listed for each SCC Code are found below the SCC Description and Operational Data segments. The list of chemicals came from the unit descriptions from one or more of the emission points listed on your permit. Quantify your stack emissions in pounds per year per chemical and indicate the method in which

emissions were determined by listing the appropriate HD number found in Table 3 on page 7).

Because of the number of emission points that can be involved with a single SCC, control equipment information is not asked for. Stack emissions reported should take into account any removal efficiency provided by a control device.

**Use the Section 2C Blank Form for extra space, if needed.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DEC PERMIT NUMBER: 2-8102-00148/00001-0
FACILITY/PROGRAM NUMBER(S):

EFFECTIVE DATE: 24 January 1996
EXPIRATION DATE(S): 31 December 1987

PERMIT
Under the Environmental Conservation
Law (ECL)

TYPE OF PERMIT New Renewal Modification Permit to Construct Permit to Operate

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Article 15, Title 5: Protection of Waters | <input checked="" type="checkbox"/> 6 NYCRR 608: Water Quality Certification | <input type="checkbox"/> Article 27, Title 7; 6 NYCRR 360: Solid Waste Management |
| <input type="checkbox"/> Article 15, Title 15: Water Supply | <input type="checkbox"/> Article 17, Titles 7, 8: SPDES | <input type="checkbox"/> Article 27, Title 9; 6 NYCRR 373: Hazardous Waste Management |
| <input type="checkbox"/> Article 15, Title 16: Water Transport | <input type="checkbox"/> Article 19: Air Pollution Control | <input type="checkbox"/> Article 34: Coastal Erosion Management |
| <input type="checkbox"/> Article 15, Title 16: Long Island Wells | <input type="checkbox"/> Article 24: Freshwater Wetlands | <input type="checkbox"/> Article 36; 6 NYCRR 602: Floodplain Management Variance |
| | <input checked="" type="checkbox"/> Article 25: Tidal Wetlands | |

PERMIT ISSUED TO: New York City Department of General Services		TELEPHONE NUMBER: (212) 669 - 2466	
ADDRESS OF PERMITTEE: Division of Design Management, Bureau of Building Design 1 Centre Street, 16th Floor, New York, NY 10007			
CONTACT PERSON FOR PERMITTED WORK: John Carel, Sidney M. Johnson & Associates 1191 Morris Avenue, Union, NJ 07083		TELEPHONE NUMBER: (908) 687 - 2100	
PROJECT/FACILITY NAME: Hamilton Avenue Highway Yard and Wharf Rehabilitation and Dredging			
PROJECT/FACILITY ADDRESS: 488 Hamilton Avenue, Brooklyn, NY 11232			
COUNTY: Kings	TOWN: New York City	WATER BODY: Gowanus Canal	NYTM COORDINATES: 584.7 East; 4502.3 North
DESCRIPTION OF AUTHORIZED ACTIVITY: Rehabilitation of wharf along Gowanus Canal, including modernization or replacement of buildings and structures, material stockpile areas, and equipment and vehicle storage areas, pile restoration and jacketing, and dredging to allow clearance for barges moored at the wharf.			

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified (see page 2) and any Special Conditions included as part of this permit.

DEPUTY REGIONAL PERMIT ADMINISTRATOR: John F. Cryan	ADDRESS: NYS DEC Region 2 Office, 47-40 21st Street Long Island City, NY 11101	PHONE: (718) 482-4997
AUTHORIZED SIGNATURE: <i>John J. Cryan</i>	DATE: 24 January 1996	Page 1 of 5

INSTRUCTIONS - 1993 FUEL USE/INDUSTRIAL PROCESS EMISSION STATEMENT

General Overview

The 1993 Fuel Use/Industrial Process Emission Statement was sent to you because your facility's permitted actual emissions exceed one of the major source thresholds listed in Table 1. The federal Clean Air Act (sections 182(a)(3)(B) and 502(b)(3)) and State Environmental Conservation Law (section 72-0303) require each major facility to report emissions annually and pay a permit fee based on the actual total tonnage of emissions. The information on this form allows the New York State Department of Environmental Conservation (NYSDEC) to calculate the emissions from your facility and report these emissions in the required format to the United States Environmental Protection Agency.

TABLE 1

FACILITY-WIDE MAJOR SOURCE THRESHOLDS

<u>Air Contaminant</u>	<u>Severe Ozone Nonattainment Area*</u>	<u>Rest of New York State</u>
Particulates (Part)	100	100
Sulfur Dioxide (SO ₂)	100	100
Nitrogen Oxides (NO _x)	25	100
Volatile Organic Compounds (VOC)	25	50
Carbon Monoxide (CO)	100	100
Lead (Pb)	5	5
Hazardous Air Pollutants (HAP)**	10/25	10/25

* - The severe nonattainment area includes the City of New York; the counties of Nassau, Rockland, Suffolk and Westchester; and the Orange County towns of Blooming Grove, Chester, Highlands, Monroe, Tuxedo, Warwick and Woodbury.

** - A facility is major source for HAPs (as defined in section 112(b) of the Clean Air Act) if emissions of any one pollutant equals or exceeds 10 tons per year or the combined emissions of all HAPs equals or exceeds 25 tons per year. A listing of HAPs is available upon request.

Your 1994 permit fee will be based on your 1993 actual emissions as confirmed by the NYSDEC. This fee is not to exceed 25 dollars per ton plus a Consumer Price Index adjustment. You are required to pay the fee for each regulated air contaminant (except carbon monoxide) up to 6000 tons.

If you do not respond to this survey, you will be in violation of State Environmental Conservation Law and your fee will be based

on your permitted emissions. Please note that this figure may be significantly higher than your actual emissions.

Do not pay your fee with your completed statement. You will be billed at a later date.

The 1993 emission statements were developed from information provided by the NYSDEC Source Management System (SMS). SMS contains your facility's permit data which is a compilation of information you have provided the Regional NYSDEC Offices through permitting applications and updates. Presently, SMS is in the process of being replaced by another system which will, separately, handle both the permitting data and this emission statement data. The data from the permitting portion of the new system will be used, like SMS, to generate future emission statements.

We understand that, by creating the emission statement from the permit data, many facilities which previously submitted updated information in their 1990 or 1992 emission statements will not see these changes reflected in their 1993 emission statement. If there are differences between the information on this emission statement and your facility's operations, you must submit corrections or modifications to your NYSDEC Regional Office so your permit can be updated and/or modified. Also, please make corrections to your 1993 emission statement so the information submitted represents an accurate accounting of 1993 emissions from your facility.

If you have any questions regarding this form, you may call Robert Sliwinski or members of his staff at 518-457-2823.

Small businesses can get help in filling out emission statements by contacting the Small Business Assistance Program, New York Environmental Facilities Corporation, at 1-800-882-9721. For general information on this and other Clean Air Act requirements, you can call the Clean Air Act Ombudsman, New York Department of Economic Development, 1-800-STATE-NY (782-8369), extension 157. See enclosed brochure.

You may request that information submitted in emission statements be designated as a trade secret in accordance with 6 NYCRR Part 616. Data elements not considered to be trade secrets include: facility emissions, estimated emissions method, and Source Classification Code (SCC). The NYSDEC will evaluate claims of confidentiality in accordance with Part 616.

PLEASE RETURN COMPLETED EMISSION STATEMENTS BY APRIL 15, 1994 TO:

Robert G. Sliwinski
New York State Department of Environmental Conservation
Division of Air Resources
50 Wolf Road
Albany, NY 12233-3251

Update - Please return by
April 29, 1994

INSTRUCTIONS

Section 1 - 1993 Fuel Use Reporting Form

Under Section 1 you will provide information about your facility's 1993 fuel consumption including: total fuel-use by fuel type in Section 1A; fuel consumption at emission points which meet Table 2 thresholds in Section 1B; and all remaining fuel consumption with operational data in Section 1C. All of the fuel which you report in Section 1A must be reported in either Section 1B or Section 1C (i.e., fuel reported in 1A = fuel reported in 1B + fuel reported in 1C). The person who is responsible for the proper submission of this form for this facility will sign and fill-in the Fuel Certification at the beginning of Section 1.

Section 1A. Total Fuel Consumption Report all of your facility's fuel consumption by fuel type. This may include fuel consumed at units not on your NYSDEC permit. List the corresponding sulfur content and heat value of each fuel you burned in 1993. You should contact your supplier if you need more information on the heat value and sulfur content of the fuels you burn. Also, make sure that you have listed the correct quantity of fuel with the appropriate units.

Section 1B. Fuel-Use Information by Major Emission Point Report your emissions from combustion activities for all emission points meeting the thresholds as defined by Table 2. Information from your permits for most or all of your "major" emission points has been provided with descriptions of the boilers and Source Classification Codes (SCCs).

TABLE 2

EMISSION POINT REPORTING THRESHOLDS

<u>Air Contaminant</u>	<u>Threshold (tons/year)</u>
Particulates (Part)	25
Sulfur Dioxide (SO ₂)	25
Nitrogen Oxides (NO _x)	25
Volatile Organic Compounds (VOC)	5
Carbon Monoxide (CO)	25
Lead (Pb)	5
Hazardous Air Pollutants (HAP) *	10/25

* - The emission point reporting threshold for HAPs is 10 tons per year of any one HAP and 25 tons per year for any combination of HAPs.

If you have other fuel combustion emission points which exceed the Table 2 thresholds and are not listed in Section 1B, please use the Section 1B Blank Form provided at the end of this emission statement for submitting those emissions. Feel free to use the blank form to report your emissions in cases where you would need to correct or rewrite information.

At the top of Section, 1B the emission point number corresponding to the page's information is listed. The NEDSID next to the emission point number is for NYSDEC reference only. For your information, Total Heat Input (BTU/Hr) for that emission point is listed, as well as the date the permit for the emission point was last filed. On the next line, you need to provide stack data including NYTM (UTM) coordinates, stack height from the ground, and diameter or width of the stack. This information needs to be provided for verification and, if you cannot obtain it, can be found on your permit.

Combustion unit descriptions are listed below with individual heat inputs. Spaces are provided for listing any control equipment installed at this emission point. This information is needed to verify the control equipment in place in 1993. List up to two control types and the overall removal efficiency by percentage for each criteria pollutant. Your permit should contain information on the control equipment at your facility. If no control equipment exists at this emission point, please indicate that no controls exist.

The next segment lists the SCC Codes for the combustion units by type of fuel consumed. The SCC is a code assigned to a type of combustion unit for each fuel burned. If a boiler burns two fuels, it would be listed under two SCC codes. You are not required to assign the SCC code. NYSDEC has assigned SCCs based on the unit descriptions provided from your permits.

Please check the SCC description listed and the type of fuel consumed so that NYSDEC can assign the proper SCC. Also, provide the quantity of fuel used in 1993, with appropriate units, and 1993 operational data. Every SCC code must have its own specific operational data filled in directly below it. When entering operational data, provide information that best approximates when a particular fuel is burned for the SCC. Please note that Dec-Feb corresponds to January, February and December of 1993.

The last part of Section 1B is for reporting your emissions for that entire emission point. This part of Section 1B is OPTIONAL. If you do not complete this section, federal emission factors will be used to calculate your emissions. If you wish to report your emissions at a specific emission point, enter emissions by criteria pollutant in pounds per year and list under HD the corresponding "How Determined" number from Table 3. If you wish to report the emissions for a portion of the emission point, please

write the description of the combustion unit(s) or the SCC(s) for which you are listing the emissions in any available space.

TABLE 3

HD - HOW DETERMINED (ESTIMATED EMISSIONS METHOD CODE)

1. Stack samples or other emissions measurements
2. Material balance using knowledge of the process
3. National emission factors
4. Best engineering judgement
5. State or local agency emission factors approved by EPA

****Use Section 1B Blank Form for additional space if needed.****

Section 1C. Miscellaneous Fuel-Use Report any remaining fuel reported in Section 1A which was not reported in Section 1B. This is generally small amounts of fuel that need only to be reported by similar general descriptions for each fuel type. Examples of descriptions are:

- 1) Natural gas used to run four baking ovens;
- 2) Natural gas used for space heating; runs 5 ceiling units, one furnace, and two water tanks; or
- 3) #6 oil used for 2 process heaters.

With each description listed, provide fuel type, quantity of fuel consumed, and appropriate units. Make copies of Section 1C as needed. Be sure all of the fuel listed in Section 1A is reported in either Section 1B or Section 1C.

Section 2 - Industrial Process Facility Emission Summary Form

Provide information about your facility's 1993 process emissions including: total fugitive and stack emissions by Chemical Abstract Service (Cas) Code in Section 2A; total emissions by process at emission points which meet Table 2 thresholds (see page 3) in Section 2B; and total remaining process emissions by description with operational data in Section 2C.

All of the stack emissions reported in Section 2A must be reported in either Section 2B or Section 2C (i.e., stack emissions in 2A = stack emissions in 2B + stack emissions in 2C). The person who is responsible for the proper submission of this form for this facility will sign and fill-in the Industrial Process Certification at the beginning of Section 2.

Section 2A. Total Process Emissions by Pollutant List all of your facility's stack and fugitive emissions by Cas Code. You must also list how you determined the emissions for each Cas Code under HD (see Table 3 on page 5). Blank spaces are provided for corrections or additions to the list of chemicals. If you cannot calculate fugitive emissions for a particular chemical, supply the total emissions in the stack column.

The chemical family code (see Table 4) is supplied to help you determine which criteria group each chemical belongs. This will help you determine how each chemical contributes to your facility's emissions totals. To calculate your facility's total process emissions for 1993 subject to emission fees, add the fugitive and stack totals for all the chemicals except those with chemical family codes of 5, 6 and 7.

TABLE 4

CHEMICAL FAMILY CODE

- 1 - Particulates (Part)
- 2 - Sulfur Dioxide (SO₂)
- 3 - Nitrogen Oxides (NO_x)
- 4 - Volatile Organic Compounds (VOC)
- 5 - Carbon Monoxide (CO)
- 6 - Other
- 7 - Natural
- 8 - Particulate and Hazardous Air Pollutant (HAP)
- 9 - VOC and HAP
- 10 - HAP Only

Section 2B. Process Emissions Information by Major Emission Point

Report emissions from your facility's processes for all emission points meeting the thresholds in Table 2 on page 3. Information from your permits for most or all of the "major" emission points at your facility has been provided. If you have other process emission points which exceed the Table 2 thresholds and are not listed in Section 2B, please use a Section 2B Blank Form provided at the end of this emission statement to report those emissions. Feel free to use the blank form to report your emissions in cases where you would need to correct or rewrite information.

At the top of Section 2B, the emission point number corresponding to the page's information is listed. The NEDSID next to the emission point number is for NYSDEC reference only. For your information, the date the permit for the emission point was last filed is shown. On the next line, you need to provide the stack data including its NYTM (UTM) coordinates, stack height from the ground, and diameter or width of the stack. This information needs to be provided for verification and, if you cannot obtain it, can be found on your permit.

The next segment lists a SCC Code, SCC Description, Process Rate, Process Units, and the Unit Description from your permit. Based on the description in your permit, each unit has been assigned a SCC Code by NYSDEC. In some cases, the SCC descriptions are general and ask for you to "provide a description of the process." This will aid NYSDEC in assigning the most accurate SCC available. Where the SCC Description is wrong or partially incorrect, please provide a better description of the process referred to in the "Unit Description." You are not required or expected to assign SCC Codes.

After the SCC Description, you need to provide the Process Rate in the Process Units listed to the right. This will be the total 1993 process rate for the unit described below. If it is impossible to provide the process rate information in the units requested, you may report the information in other process units if you clearly indicate those units.

Beneath the "Unit Description" is the segment requesting operational data. Every SCC (one type of process per SCC) must have its own specific operational data entered directly below it. When entering operational data, provide information that best approximates when a process or general activity is operating.

The next segment is for listing control type. Space has been provided to list up to two control types and the overall removal efficiency by percentage for each criteria pollutant. This information is needed to verify the control equipment in place in 1993. Your permit should contain information on the control equipment at your facility. If there is no control equipment at this emission point, please indicate that no controls exist.

The final part of Section 2B lists all of the chemicals by Cas Code for the unit described above it. Provide stack emissions in pounds per year and indicate the method in which emissions were determined by listing the appropriate number (see Table 3) under HD.

In many cases, there are multiple SCC Codes per emission point. Each SCC Code will have all of the same segments listed above to be filled out. Copy and use Section 2B Blank Form for additional space.

Section 2C. Miscellaneous Process Emissions Report any remaining stack process emissions that your facility reported in Section 2A which were not reported in Section 2B. The instructions for this section are the same as Section 2B with the following exceptions.

All of these processes are at emission points which fall below the Table 2 thresholds. Stack data (NYTM, height, etc.) will not be available to report since the remaining emission points are grouped by general, similar processes. In order to condense this section into a more efficient format, very general SCC Descriptions have been used to group a wide range of process types. Most of these general SCC Descriptions will ask you to provide a description of the process. When this happens in Section 2C, provide a description of the overall process that corresponds with most of these emission points.

If the general SCC Description provides a reasonable description of the emission points listed and the wide range of processes make it is impossible to provide a more detailed description, please write in "Not Applicable" in the space provided for the SCC Description. If the SCC Description is incorrect, please provide a general description that best represents the emission points listed.

The chemicals listed for each SCC Code are found below the SCC Description and Operational Data segments. The list of chemicals came from the unit descriptions on your permit. Quantify your stack emissions in pounds per year per chemical and indicate how it was determine (see Table 3 HD).

Because of the number of emission points that can be involved with a single SCC, control equipment information is not asked for. Stack emissions reported should take into account any removal efficiency provided by a control device.

****Use the Section 2C Blank Form for extra space, if needed.**



Langdon Marsh
Acting Commissioner

FINAL NOTICE

June 3, 1994

Certified Mail - Return Receipt Requested

NYC DOT-BROOKLYN ASPHALT PLANT
DEC ID: 2610200076
HAMILTON AVE & 14TH STREET
BROOKLYN, NY 11232
Attn: Environmental Manager

Re: 1993 Fuel Use/Industrial Process Emission Statement

Dear Sir or Madam:

On March 7, 1994 this office mailed the 1993 Fuel Use/Industrial Process Emission Statement to your facility. As requested in the cover letter, your completed statement was to be returned by April 29, 1994. On May 12, 1994, a second notice was sent to remind you of this requirement. To date, your statement has not been received. This is a violation of New York State Environmental Conservation Law (6 NYCRR Part 202). You must submit your 1993 Fuel Use/Industrial Process Emission Statement immediately.

If you fail to submit a completed statement by **June 10, 1994**, your 1994 operating permit fees will be based on permitted or potential emissions (ECL Section 72-0303). This could be significantly higher than your actual emissions. Your facility name will also be forwarded to the appropriate New York State Department of Environmental Conservation Regional Office for enforcement action.

If you submitted your emission statement after the date of this letter, please disregard this notice. If you submitted your emission statement prior to the date of this letter or if you have any questions, please call Robert Sliwinski at (518) 457-2823.

Sincerely,

Thomas M. Allen, P.E.
Director, Division of Air Resources

New York State Department of Environmental Conservation
 Office of Metropolitan Environmental Enforcement & Legal Affairs
 Region 2
 47-40 21st Street, Long Island City, N.Y. 11101
 Tel: 718/482-4985 Fax: 718/482-4982



Longden Marsh
 Acting Commissioner

Gwen Lewis
 442-7721

May 17, 1994

VIA FAX

Steven Russo, Esq.
 City of New York Law Department
 Environmental Law Division
 100 Church Street
 New York, N.Y. 10007

Re: NYCDOT Hamilton Avenue Asphalt Plant
DEC File No. 1 K2-3207-90-02

Dear Steve:

This correspondence will confirm our conversation this morning regarding a possible resolution of the outstanding opacity violations at the New York City Department of Transportation's (NYCDOT) Hamilton Avenue Asphalt plant.

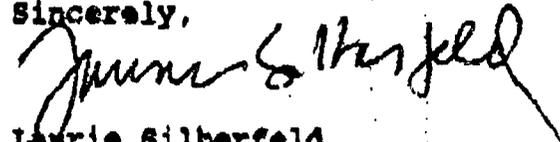
As I advised, I have been informed by Bert Breitburg of our Air program staff that NYCDOT has already begun the planning and designing of an upgrade of the NYCDOT asphalt plant. Mr. Breitburg has previously advised both NYCDOT and its engineering contractors that NYCDOT must apply for and obtain a permit to construct from DEC prior to undertaking an upgrade of the plant. I understand that NYCDOT's consultants are working on the necessary permit applications and expect to submit them shortly. Please alert NYCDOT that any construction in advance of obtaining its permit from DEC will be a violation of Part 201 and will result in an enforcement action.

You stated this morning that the City is willing to incorporate the upgrade construction schedule into an Order to settle the outstanding opacity violations. I have begun drafting the Order. Please be advised that while no payable penalties will

be required for the outstanding opacity violations, the Order will obligate the City to complete the upgrade in accordance with the terms of the permit to construct and within the time frame set forth in a compliance schedule to be included in the Order. Absent a force majeure event, the City's failure to complete the upgrade in accordance with the terms of the permit to construct and the compliance schedule will subject the City to stipulated penalties.

I will forward you the draft Order shortly. Please give me a call if you have any questions or concerns.

Sincerely,



Laurie Silberfeld
Assistant Regional Attorney

cc: Robert Elburn
Bert Breitburg



APPENDIX 2**LABORATORY EQUIPMENT LIST**

All manufacturers and models of equipment mentioned in this appendix are offered as examples which have been observed to conform consistently to the applicable AASHTO Standards. Calibrate each individual piece of equipment used in the preparation of a SHMA mixture design to the applicable AASHTO Standard *before* use. This is a suggested equipment list only.

General

1. Thermometers - of appropriate quality to meet the requirements of the specific tests
2. Sieve shaker
3. Fine aggregate splitter
4. Coarse aggregate splitter
5. Scales - meeting the requirements of AASHTO M231

Mixture Design and Analysis

1. SUPERPAVE gyratory compactor meeting the requirements of Item 18403.9995

Note: *The Producer shall verify SUPERPAVE gyratory compactor's angle, pressure, and height measurements monthly, and maintain a log of these calibrations with the compactor.*

2. Specimen mold assembly conforming to Item 18403.9995
3. Specimen extractor
4. Ovens - of appropriate quality to meet the requirements of the specific tests
5. Mixer - mechanical mixers are recommended
6. Bowls - stainless steel bowls are recommended
7. Steel spoons
8. Sample trays - suitable to run the short term aging test for both the gyratory specimen and the mixture maximum specific gravity specimen and meet the specified loading requirements

Mixture Maximum Specific Gravity Determination

1. Vacuum pump with gauge conforming to AASHTO T209
2. Pycnometers - for running test according to AASHTO T209, minimum capacity of 2000 ml, metal are recommended
3. Water tank - a watertight tank equipped with an overflow outlet for maintaining a constant water level, a heater and circulator are recommended
4. Residual pressure manometer - recommended but not required

MAY 9, 1995

NEW YORK CITY DEPARTMENT OF TRANSPORTATION
ASPHALT PLANT AT 448 HAMILTON AVENUE, BROOKLYN

SPECIAL CONDITIONS FOR A PERMIT TO CONSTRUCT A PROCESS EXHAUST OR VENTILATION SYSTEM; PERMIT ID. 610000 DOT2 00001. *g.f.*

1. BY JUNE 15, 1995 SUBMIT TO NYSDEC A PROPOSAL FOR A PROTOCOL TO TEST THE STACK EMISSIONS OF PARTICULATES, VOLATILE ORGANIC COMPOUNDS (VOC), NITROGEN OXIDES (NO_x) AND, CARBON MONOXIDE (CO).
2. WITHIN 30 DAYS OF BEGINNING NORMAL OPERATION BEGIN TESTING THE STACK EMISSIONS OF PARTICULATES, VOC, NO_x AND CO.
3. WITHIN 60 DAYS OF COMPLETION OF THE STACK TEST SUBMIT TO DEC A REPORT OF THE RESULTS OF THE TEST, AND AN APPLICATION FOR A CERTIFICATE OF OPERATION.
4. THE PROPOSED ASPHALT PLANT REPLACES A PLANT THAT WAS DEMOLISHED IN JANUARY 1995.

THE MAXIMUM ANNUAL PRODUCTION CAPACITY OF THE OLD PLANT WAS :
280 TONS/HR x 24HRS/DAY x 365 DAY/YEAR = 2,452,800 T/Y.

THE MAXIMUM ANNUAL PRODUCTION CAPACITY OF THE PROPOSED PLANT IS :
350 x 24 x 365 = 3,066,000 T/Y

THE MAXIMUM ACTUAL ANNUAL PRODUCTION CAPACITY OF THE OLD PLANT WAS:
420,000 TONS/YEAR BASED ON THE AVERAGE ACTUAL ASPHALT PRODUCTION IN 1993 AND 1994

THE MAXIMUM PERMISSIBLE ACTUAL ANNUAL PRODUCTION CAPACITY OF THE PROPOSED PLANT IS 940,000 TONS/YEAR.

5. IF THE NO_x EMISSIONS EXCEED 25 TONS/YEAR, THE CERTIFICATE OF OPERATION APPLICATION MUST CONTAIN A DEMONSTRATION THAT THE NO_x EMISSIONS ARE BEING CONTROLLED DOWN TO AN EMISSION RATE THAT AMOUNTS TO NO_x-RACT AS DEFINED IN PART 212.10.
6. IF THE VOC EMISSIONS EXCEED 25 TONS/YEAR, THE CERTIFICATE OF OPERATION APPLICATION MUST DEMONSTRATE THAT THE VOC EMISSIONS ARE BEING CONTROLLED DOWN TO AN EMISSION RATE THAT AMOUNTS TO RACT AS DEFINED IN PART 212.



7. NYCDOT MUST KEEP RECORDS OF ITS ASPHALT PRODUCTION AND REPORT QUARTERLY TO NYSDEC THE AMOUNT OF ASPHALT OF ASPHALT PRODUCED.

8. THE APPLICANT AGREES TO "CAP-OUT" ITS ANNUAL EMISSION RATES OF ALL THE POLLUTANTS OF CONCERN (PM-10, NOx, VOC AND CO) TO AMOUNTS SMALLER THAN THOSE EMITTED BY A MAJOR FACILITY. THUS AS A MINOR FACILITY THE PLANT WILL EMIT LESS THAN 25 TONS/YEAR VOC AND NOx; LESS THAN 50 TONS/YEAR CO AND; LESS THAN 100 TONS/YEAR PM-10. NYCDOT AGREES TO "CAP-OUT" BY LIMITING ITS ASPHALT PRODUCTION TO LESS THAN 940,000 TONS OF ASPHALT PER YEAR.

9. IF THE STACK TEST RESULTS SHOW THAT THE APPLICANT HAS UNDERESTIMATED THE EMISSION RATES OF ONE OR MORE OF THE POLLUTANTS OF CONCERN (NOx, VOC, CO OR PM-10), THE APPLICANT AGREES TO LOWER ITS ANNUAL PRODUCTION BELOW 940,000 TONS IN ORDER TO MAINTAIN THE MINOR FACILITY STATUS OF THE FACILITY.

⊗

TOTAL P.05

DOT_P_HAM_00001254

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES
 WHITE - ORIGINAL
 GREEN - DIVISION OF AIR
 WHITE - REGIONAL OFFICE
 PINK - FIELD REP
 YELLOW - APPLICANT



OP LOCATION FACILITY EMISSION POINT
 AIR 10000000120000112

- A ADD
- C CHANGE
- D DELETE

READ INSTRUCTIONS
 CONTAINED IN
 FORM 76-11-12
 BEFORE ANSWERING
 ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM
 APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

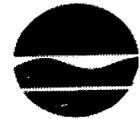
S E C T I O N A	1. NAME OF OWNER/FIRM City of New York Dept. of Transportation			9. NAME OF AUTHORIZED AGENT Advance Testing Co. Inc.			10. TELEPHONE 914-496-1600		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)		
	2. NUMBER AND STREET ADDRESS 448 Hamilton Avenue			11. NUMBER AND STREET ADDRESS RD 1 Box 400 Sarah Wells Trail			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)				
	3. CITY-TOWN-VLLAGE Brooklyn		4. STATE NY	5. ZIP 11323	12. CITY-TOWN-VILLAGE Campbell Hall		13. STATE NY	14. ZIP 10916	21. CITY-TOWN-VILLAGE		22. ZIP
	6. OWNER CLASSIFICATION <input type="checkbox"/> A. COMMERCIAL <input type="checkbox"/> B. INDUSTRIAL <input type="checkbox"/> C. UTILITY <input type="checkbox"/> D. FEDERAL <input checked="" type="checkbox"/> F. MUNICIPAL <input type="checkbox"/> G. EDUC. INST. <input type="checkbox"/> H. HOSPITAL <input type="checkbox"/> I. RESIDENTIAL <input type="checkbox"/> J. OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION XXXXXXXXXXXXXXXXXXXX Kevin L. Patton		16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. XXXXXXXXXX 072197		17. TELEPHONE 914-496-1600		23. BUILDING NAME OR NUMBER Hot Mix Asphalt Plant	
7. NAME & TITLE OF OWNERS REPRESENTATIVE Thomas Siano, Director of Asphalt Operations			8. TELEPHONE (718)788-4516		18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT <i>Kevin L. Patton</i>			25. START JP DATE 05 / 95 MO / YR		26. DRAWING NUMBERS OF PLANS SUBMITTED B-M20392	
								27. PERMIT TO CONSTRUCT <input type="checkbox"/> A. NEW SOURCE <input checked="" type="checkbox"/> B. MODIFICATION		28. CERTIFICATE TO OPERATE <input type="checkbox"/> A. NEW SOURCE <input type="checkbox"/> C. EXISTING SOURCE <input type="checkbox"/> B. MODIFICATION	

29. EMISSION POINT I.D.	30. GROUND ELEVATION (FT.)	31. HEIGHT ABOVE STRUCTURES (FT)	32. STACK HEIGHT (FT)	33. INSIDE DIMENSIONS (IN.)	34. EXIT TEMP (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. RESOURCE CODE	38. HRS/DAY	39. DAYS/YR	40. % OPERATION BY SEASON Winter Spring Summer Fall	
	9	9	40	88	54	300	62.46	59961		16	200	054040115

S E C T I O N A	41. DESCRIBE PROCESS OR UNIT		1. 'Utraplant' burner, counter flow dryer with primary collector, baghouse									
			2.									
			3.									
			4.									
			5.									
			6.									
			7.									
			8.									

EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
42. 6	43. 10	44. Gencor Inc. Model 350, Model UF-100	45. 3	46. 04 / 95	47. 20
48. 9	49. 08	50. Gencor Inc. Model 132	51. 3	52. 04 / 95	53. 20

CALCULATIONS
 See attached sheets.
 For questions 54, 69, and 84 the specific contaminants listed are the most common / typical constituents for the general type cited. Additional data is presented in the attached sheets.



NOTICE OF VIOLATION

PBS Number: 2-258113

Date: 12/27/06 AT 12:45

Facility Name: <u>N.Y.C. D.O.T.</u>				Property/Tank Owner Name and Address: <u>N.Y.C. D.O.T.</u>			
Doing Business As: <u>HAMILTON ASPHALT PLANT</u>				<u>HAMILTON ASPHALT PLANT</u> ()			
Street: <u>448 HAMILTON AVE</u>				Operator Name and Address: <u>ANTHONY BORDENCA</u>			
City: <u>BROOKLYN</u>	State: <u>NY</u>	Zip: <u>11232</u>	County:	<u>(718)369-4246</u>			
Violation							
<u>613.3(b)</u>				<u>FILL PORT NOT PROPERLY COLOR CODED.</u>			
<u>614.3(2)(i)(ii)</u>				<u>NO LABELING AT FILL PORT.</u>			
<u>614.2</u>				<u>NO PIPING CATHODIC PROTECTION TEST</u>			
<u>613.4(2)</u>				<u>FAILURE TO PROPERLY RECONCILE INVENTORY</u>			

PLEASE TAKE NOTICE THAT based upon this inspection, there is reason to believe that you are in violation of Article 17 and/or Article 19 of the New York Environmental Conservation Law and the regulation promulgated thereunder 6NYCRR Parts 612, 613, 614 and/or 230. PLEASE TAKE FURTHER NOTICE THAT according to §71-1929 of the ECL, the sanctions for such violations include a CIVIL PENALTY of up to \$37,500 per day for each violation and according to § 71-2103 of the ECL, the sanctions for such violations include a CIVIL PENALTY of up to \$15,000 per day for each violation. DEC reserves the right to take further civil or administrative enforcement action for any violation noted in this NOTICE or any other violation of the Environmental Conservation Law.

Technical questions for PBS Violations, contact VERONICA ZHUNE at 718-4827305
 Technical questions for Air Violations, contact _____ at _____

Inspection Performed By: VERONICA ZHUNE Title EE

DEC Representative's Signature: Veronica Zhune Date 12/27/06

I, _____, have been told of the alleged violations and the need to remedy these violations immediately. I have also been told that an administrative settlement conference has been set for JANUARY 26/07 at 10:0 AM at the Regional Office in LONG ISLAND CITY. I have been given directions to the Regional Office and understand that if I don't come to the settlement conference, the Department will refer these violations to Environmental Enforcement for a formal civil or administrative enforcement proceeding. I also confirm that I have been notified that I will be meeting with a Environmental Conservation Officer or an attorney from the Department to discuss settlement and that I may bring my own attorney to the settlement conference. If I, or my attorney, have any questions relating to the alleged violations and/or the settlement conference, contact BEN CONLON at 518-402-9510.

Owner/Operator Signature: [Signature] Title: DIRECTOR Date: 12/27/06

NEW YORK CITY DEPARTMENT OF TRANSPORTATION	
Policies and Procedures	Environmental
Aboveground Petroleum Storage Inspection Procedure	Revision: Effective Date: 12/22/06

ABOVEGROUND STORAGE MONTHLY VISUAL INSPECTION CHECKLIST

Facility name and PBS Registration Number (if any): <i>Hamilton Asphalt Plant</i>	Location of Tanks: <i>448 Hamilton Ave.</i>	Inspection Date: <i>12/26/06</i>
--	--	----------------------------------

Street address <i>448 Hamilton Ave.</i>	City <i>Brooklyn, NY</i>	ZIP <i>11232</i>
--	-----------------------------	---------------------

Use this form to document monthly visual inspections required by 6NYCRR §613.6 of New York State's Above Ground Storage Tank Regulations. Keep these records indefinitely.

1. Visible leaks on tanks, tank seams, connections, fittings or valves? No Yes Number of tanks inspected 3
If "yes," identify tank & describe leak. Record action taken to correct problem and date done.

2. Visible leaks on aboveground piping, pipe seams, connections, fittings, flanges, threaded connections, pumps or valves?
 No Yes
If "yes," identify & describe leak. Record action taken to correct problem and date done.

3. Is overfill prevention equipment in good operating condition? No Yes Not applicable
If "no," identify tank. Record action taken to correct problem and date done.
Verify operation of overfill prevention equipment according to the equipment manufacturer's instructions. Verify operation of audible alarm if it can be tested.

4. If double-walled tank:

A. Is interstice (area between the double walls) free of liquid? No Yes
If "no," identify tank. Record action taken to correct problem and date done.
N/A

B. Is interstitial monitoring equipment operating properly? No Yes Not applicable
If "no," identify tank. Record action taken to correct problem and date done.
Verify operation of interstitial monitoring equipment according to the equipment manufacturer's instructions.

5. Secondary containment system free of tank product or other liquids/debris, such as rainwater, snowmelt, dirt, leaves, trash, etc.) No Yes Not applicable
If "no," identify tank. Record action taken to correct problem and date done.
Tank # 006 Diesel tank not in use.

6. Are concrete surfaces and ground free of any evidence of new leakage or spillage? No Yes
If "no," describe. Record action taken to correct problem and date done.

7. Are all 55 gallon drums in good condition, properly closed and have no signs of release of material? No Yes
If "no", describe. Record action taken to correct problem and date done.

Signed: 	Date: <i>12/26/06</i>
---	-----------------------

NEW YORK CITY
DEPARTMENT OF TRANSPORTATION

Policies and Procedures

Environmental

Aboveground Petroleum Storage Inspection Procedure

Revision:
Effective Date: 12/22/06

- Bowing of pipe between supports
- Evidence of stored material seepage from valves or seals
- Localized dead vegetation

4. Also ensure that the following is completed and maintained:

- Promptly address any maintenance needs observed during inspections
- Normally keep bypass, master flow, and drain valves closed when tank not in use. Ensure secondary containment drainage valve is closed and locked
- Test liquid level sensing devices monthly to ensure proper operation
- Lock the starter control on each oil pump in the "off" position when not in use for extended period of time or when the facility is not manned
- Securely cap or blank-flange the loading/unloading ports or piping connections when not in use
- Provide enough facility lighting to assist in the discovery of oil discharges at night or in areas of low light

Aboveground Storage Tank Integrity Testing

In-service Aboveground Storage Tanks (AST) of petroleum products may require periodic integrity testing. The Facilities Tank Manager will make that determination for each AST as to if and when that will be done. If there is a question if an AST requires integrity testing, contact the Facilities Tank Manager.

Facilities Tank Manager:

Peter Sambalis

Office: (212) 566-4930

Mobile: (646) 879-1081

Fax: (212) 442-7303

Aboveground Petroleum Storage Inspection Procedure

Revision:
Effective Date: 12/22/06

Aboveground Petroleum Storage Inspection

This procedure was developed in order to ensure that NYCDOT handles petroleum products in a safe manner and to prevent accidental releases to the environment. These procedures are based on Federal Regulations 40 CFR 112.8(c), State Regulations 6 NYCRR 613.6 and industry-wide Best Management Practices.

All Aboveground Storage Tanks (AST) and 55 gallon drums containing petroleum products including A/C are to be inspected daily to observe if the containers and areas are acceptable according to the Daily Inspection Guide listed below. There is no record necessary for this activity.

A monthly visual inspection is to be conducted using the Monthly Visual Inspection Checklist to formally record that a proper inspection was completed. A copy of the Monthly Visual Inspection Checklist is to be forwarded to the Facilities Tank Manager when completed every month.

If during any inspection a defect or problem is noticed, contact your supervisor immediately, record the event and contact the Facilities Tank Manager.

If a release of material is noticed, follow the NYCDOT Spill Response Procedure.

Daily Inspection Guide

1. Inspect drums, tanks, all connected piping and structures for leaks, specifically looking for the following:
 - Drip marks
 - Discoloration of tanks
 - Accumulation of spilled or leaked material
 - Corrosion
 - Cracks
 - Localized dead vegetation
2. Inspect foundation and tank supports for the following:
 - Cracks
 - Corrosion
 - Discoloration
 - Accumulation of spilled or leaked material
 - Settling
 - Gaps between the tank and foundation
 - Damage caused by vegetation roots
3. Inspect aboveground piping for the following:
 - Droplets of stored material
 - Discoloration
 - Corrosion



Draining Rainwater from Outdoor Containment Structures

Outdoor secondary containment structures must be drained of rainwater after every storm event. Note: Only NYCDOT personnel trained in the NYCDOT SPCC Program may drain rainwater from outdoor secondary containment structures.

Qualified NYCDOT personnel will be responsible as follows:

1. Inspect rainwater to ensure it is free of an oily sheen or other contaminants that may violate the water quality standards imposed by 40 CFR 110 prior to discharge.
2. **If an oily sheen or other contaminant is present, rainwater must not be discharged.** Rainwater must be collected and disposed of according to NYCRR 613.3(c)(6)(iv).
3. Prior to discharge, estimate the quantity of rainwater to be released by average depth measurements or other means.
4. Personnel must be present at all times at or near the drain valve or discharge pump while the draining operation is occurring.
5. Make certain that no liquid is added or removed from a tank while its secondary containment drain valve is open or the discharge pump is operating.
6. Verify that valves are closed and locked once rainwater draining activities are complete.
7. Complete the *Secondary Containment Drainage Log* for each discharge.



FAX TRANSMITTAL SHEET

To: Veronica Zhanel Fax #: 718-482-4098
 From: Anthony Bordenus
 Sender's phone #: 718-369-4246 Fax #: 718-369-4211
 Pages including this cover: 10 Date: 1/22/07

ACTION TO BE TAKEN:

- URGENT/IMMEDIATE ATTENTION
- AWAITING YOUR COMMENTS
- PER YOUR REQUEST
- FOR YOUR INFORMATION
- PLEASE CALL UPON RECEIPT

Comments: Gallons pumped out for 12/12/06 - 12/21/06

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DIAL 311 Government services
a information for NYC

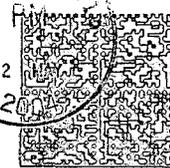
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** Transmit Conf. Report **

00-00-29



New York State
Department of Environmental Conservation
DIV. OF ENVIRONMENTAL PERMITS
HUNTER POINT PLAZA
47-40 21st STREET - 2nd FL
LONG ISLAND CITY, NY 11101



00-1A
0004304483 MAY 11 2004
MAILED FROM ZIP CODE 11101

ADDRESS CORRECTION REQUESTED

Thomas Siano
NYC Department of Transportation
448 Hamilton Avenue
Brooklyn NY 11232

11232+1015

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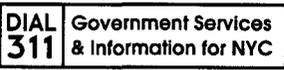
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RECEIVED A CALL FROM VERONICA AFTER REVIEWING SHEETS FAXED AND SAID SHE WOULD DISMISS VIOLATION FOR "INPROPER RECONCILIATION!"
1/22/07

4/10/96
Fuel d

DIESEL

FUEL DISBURSEMENTS

Location: HAMILTON AVE
Pump#: ASPHALT PLANT

Date: 12/12/06
Name:

METER READINGS
Start of Shift:
End of Shift:

Page # of

#	TIME	VEHICLE #	LICENSE PLATE	ODOMETER	PRINT DRIVER'S NAME	AGENCY/DIVISION	GALLONS	DRIVER'S SIGN
1.	1230	COMPRESSOR PLANT			BIANCO	DOT PLANT	10	J. Bianco
2.	1211	Back up	L. 99 363			Dot	14	[Signature]
3.								
4.								
5.								
6.								
7.	NT SHIFT							
8.								
9.	11:40 AM	HELTZ	RENTAL		LAMBERT	DOT	39	
10.								
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DIESEL

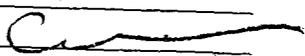
FUEL DISBURSEMENTS

Location: HAMILTON AVE
Pump#: ASPHALT PLANT

Date: 12/13/06
Name:

METER READINGS
Start of Shift:
End of Shift:

Page # of

#	TIME	VEHICLE #	LICENSE PLATE	ODOMETER	PRINT DRIVER'S NAME	AGENCY/DIVISION	GALLONS	DRIVER'S SIGN
1.	1100	578 J	N/A	N/A	CAPASSO	DOT PLANT	12	
2.								
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20.								

4/10/96
Fuel d

DIESEL

FUEL DISBURSEMENTS

Location: HAMILTON AVE
Pump#: ASPHALT PLANT

Date: 12/14/06
Name:

METER READINGS

Start of Shift:

End of Shift:

Page # of

#	TIME	VEHICLE #	LICENSE PLATE	ODOMETER	PRINT DRIVER'S NAME	AGENCY/DIVISION	GALLONS	DRIVER'S SIGN
1.	6:20	156FF			Mike Bright	DA	36	
2.	6:30	128	L71809	64505	AL PENZ	DOT	23	Al Penz
3.	6:45	121FF	L71288	60608	J. L. Boland	DOT	50	J. L. Boland
4.	6:58	6006	23S 709	10272	M. Stangl	DOT	30	M. Stangl
5.	6:58	237149	364 FF			DOT Plant	33	
6.	6:50	HD65H	GG2149	94471	DONALD SPENCER	D.OT	24	Donald Spencer
7.	7:00	KAWASAKI	HERTZ		O'DONNELL		81	
8.	7:10	EDUAKI	123 FF	56288	E. DUKY	D.O.T.	82	E. Duky
9.	7:15	STENAL	201		STENAL	DOT	17	
10.	8:05	83FF	L-98382	96961	JOE LANG	DOT	28	Joe Lang
11.	8:20	160 FF			CICCIOTTI	DOT	29	
12.	6:20 AM	120 AF		80208	T. TERPO	POT	30	Thom Terpo
13.	9:00	271 D	L-35273	52671	A. Giordano	D.O.T.	31.5	A. Giordano
14.		Hertz comp.				DOT PLANT	4.6 gal.	
15.	13:40	CRUSHER			MEINHARDT		81	me
16.								
17.								
18.								
19.								
20.								

015

4/10/96
Fuel d

DIESEL

FUEL DISBURSEMENTS

Location: HAMILTON AVE
Pump#: ASPHALT PLANT

Date: 12/15/04
Name:

METER READINGS
Start of Shift:
End of Shift:

Page # of

#	TIME	VEHICLE #	LICENSE PLATE	ODOMETER	PRINT DRIVER'S NAME	AGENCY/DIVISION	GALLONS	DRIVER'S SIGN
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