

ic# ID # NH006200001
air A Application Yes No

14.4.1

RCRA INSPECTION CHECKLIST

ite Name: KEARSARGE METALLURGICAL CO Inspection Date: 2/24/81
ite Location: MILL STREET Type of Facility: STAINLESS STEEL CEMENT FURN
CONWAY, NH 03818 Generator: GENERATOR
CRA Contact: BOOKS MOORE Transporter: N/A
phone No: (603) 47-3363 TSD: STORAGE
inspectors: Permits Issued: NONE
EPA: PAT HINES
State: KEN WARSCHNER In compliance: Yes No
Industry: _____

Company Representatives: TIM ELDRIDGE, FILER.
MORRIS ECK, PALMER EPA
BOUCE HATCH, BOWNHAM RESIDENT

• Generator with Temp. Storage or TSD Facility

A. Pre-Inspection Meeting

1. General Information (Process Description, etc.)

KEARSARGE METALLURGICAL. PRODUCES STAINLESS STEEL CASTINGS.
THEIR PROCESSES INCLUDE THREE GRADES WASTE STREAMS:
(1) HYDROFLUORIC/NITRIC ACID WASTE MIX
(2) MURIATIC ACID WASTE MIX
(3) PLASTIC SODA WASTE MIX
RINSE WATERS ARE GENERATED FROM THE QUENCHING
AND PICKLING OPERATIONS AND DISCHARGED TO AN
INDUSTRIAL SEPTIC FIELD. RED DYE AND GREEN
FLUORESCENT DYE WASTES ARE ALSO GENERATED.
ASSOCIATED DYE RINSE WATERS ARE DISPOSED IN
THE SEPTIC FIELD.

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2. Hazardous Waste Profile

Type of Waste	Amt. of Waste kg/mo	Onsite Temp. Storage/ TSD	Transporter	Offsite TSD
<u>HYDROFLUORIC/NITRIC ACID WASTE</u>	<u>100 GAL/MONTH *</u>	<u>✓</u>	<u>N/A</u>	<u>N/A</u>
<u>MURIATIC ACID WASTE</u>	<u>60 GAL/MON</u>	<u>✓</u>	<u>N/A</u>	<u>N/A</u>
<u>CAUSTIC SODA WASTE</u>	<u>16 GAL/MONTH</u>	<u>✓</u>	<u>N/A</u>	<u>N/A</u>
<u>RED DYE RINSE WATER WASTE</u>	<u>62.5 GAL/DAY</u>	<u>✓</u>	<u>N/A</u>	<u>N/A</u>
<u>GREEN FLUORESCENT DYE WASTE</u>	<u>1.5 GAL/DAY</u>	<u>✓</u>	<u>N/A</u>	<u>N/A</u>
<u>GREEN DYE RINSE WASTE</u>	<u>62.5 GAL/DAY</u>	<u>✓</u>	<u>N/A</u>	<u>N/A</u>
<u>INDUSTRIAL DEGREASER</u>	<u>?</u>	<u>?</u>	<u>N/A</u>	<u>N/A</u>

* QUANTITIES TAKEN FROM A 6 OCT 1986 LETTER ADDRESSED TO COUNTY DISTRICT COMMISSIONERS FROM: CAMP DRESSER F MCKEE, ILL.

3. Records

- 21 a.) Manifest Manifests may be checked ahead of time by state personnel who have them on file - otherwise, random selection of some during inspection for review.

- 1) Document No.: NOTRE - NO SHIPMENTS OFFSITE
- 2) Generator ID, name, address: _____
- 3) Transporter(s) ID, name, address: _____
- 4) TSD Facility ID, name address: _____
- 5) Waste Type & Quantity: _____
- 6) Date of Acceptance: _____

- .50 i) International Shipping Manifest: _____
- .42 ii) Exceptions Reports: _____

*b.) Waste Analysis Plan:

1. Sampling and test methods: NO PLAN AVAILABLE
2. Results: _____

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1.15

c) Inspection Schedule and *Log of Site NONE AVAILABLE

1.15

1. Daily - loading and unloading of areas subject to spills: _____

1.194

- discharge control equipment in tanks: _____

1.34, 265.377

- incinerator system, thermal treatment equipment, _____

1.403

chem/phys/biol. treatment equipment: _____

1.226

- freeboard level of surface impoundments: _____

1.174

2. Weekly- physical condions of containers: _____

1.194

- " tanks: _____

1.226

- " surface impoundments: _____

1.403

- " chem/phys/bio. treatment facility: _____

1.16

d) Personnel Training Records NONE AVAILABLE

1.) Job titles/position descriptions: _____

2.) Description of training: _____

3.) Records of training: _____

e) Contingency Plan NONE AVAILABLE

1.) Plan on site: _____

2.) Local authority arrangements: _____

3.) Identify emergency coordinator: _____

4.) List of emergency equipment: _____

5.) Evacuation Plans: _____

B. Inspection

3.14

1. *Site Security

a) 24 hour surveillance system: NO

b) or Artificial or natural barrier: NO

c) and Means to control entry: NO

d) Danger sign posted at each

entrance legible at 25': NO

3.30-37

2. Site Preparedness/Prevention NONE AVAILABLE

a) Internal communication/alarm: _____

b) Telephone/2-way radio: _____

c) Portable fire control equipment: _____

d) Adequate water for fire control: _____

e) Testing and Maintenance of equipment: _____

f) Adequate aisle spare: _____

g) Access to equipment: _____

65.170-.177 3. Containers

Leaks NUMEROUS 55 GAL STEEL DRUMS LEAKING
 Ruptures NONE
 Corrosion MILD AND MINOR
 Closed except in use MANY DRUMS WITH "BARS" MISSING
 Heat/Pressure APPEARS THAT DRUM EXPANSION IN SOME CASES DUE TO FREE
50' bufferzone for I and R wastes: I=Ignitable N/A ; R=Reactive N/A
 No smoking signs near I or R waste N/A
 Separation of incompatible wastes NO SEPARATION OF ACIDS & Bases
 Evidence of spills DISCERNIBLE - NORTH SIDE OF THE BUILDING / SIXTY METERS
 Pre-transport requirements: packaging }
 labelling } NONE
 marking }
 placarding }

62.30-.34

Date of Waste Accumulation N/D

*NYR Check for impermeable base under containers, any drains, secondary containment

65.190-.199 4. Tanks N/A

Leaks _____
 Ruptures _____
 Corrosion: Check valves, piping controls for signs of corrosion _____
>2' freeboard or secondary containment _____
 Heat/pressure _____
 Evidence of spills _____
 Inflow and outflow controls _____
 Continuous Inflow _____ Means to stop inflow? _____
 Special Requirements for I and R wastes _____

65.220-.230 5. Surface Impoundments (Pits, Ponds, Lagoons) N/A

Protective Cover on Dikes _____
> 2' freeboard _____
 Special requirements for I and R waste _____
 Evidence of fire, explosion- leak _____
 *NYR Liner _____

65.250-.257 6. Waste Piles N/A

Wind erosion control _____
 Prevention of leachate from pile (if hazardous) _____
 Special requirements for I and R waste _____
 Evidence of fire, explosion, leak _____
 Separation of incompatible wastes _____
 Waste Analysis _____

*NYR - Not yet regulated.

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7. Incinerators/Thermal Treatment N/A

- a) Steady State conditions _____
- b) Inspect combustion and emission control instruments every 15 min. _____
- c) Observe stack plume hourly _____
- d) Waste Analysis:
 - 1) Heating value of waste _____
 - 2) Organic halogen content _____
 - 3) Sulfur content _____
 - 4) Lead concentrations _____
 - 5) Mercury concentrations _____
- e) Evidence of leaks of spills (pumps, valves, conveyors, pipes) _____
- f) Daily Inspection of Emergency shutdown controls and Alarm systems _____
- g) Open burning of waste explosives _____

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.282

8. Phys/Chem/Bio. Treatment N/A

- a) Leaks _____
- b) Ruptures _____
- c) Corrosion _____
- d) Waste cut off _____
- e) Waste Analysis _____
- f) Special Requirements for I and R waste _____
- g) Special Requirements for incompatible waste _____
- h) Daily and Weekly Inspection Required _____

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.282

9. Land Treatment N/A

- a) Approval Document _____
- *b) Run-on diversion _____
- *c) Run-off collection; Treat if necessary _____
- d) Waste Analysis _____
- e) Presence of food chain crops, if so, refer to 265.276 _____
- f) Unsaturated zone monitoring plan _____
- g) Unsaturated zone waste analysis _____
- h) Records of application dates, rates, quantities and location of waste _____
- i) Special requirements for I and R wastes _____
- j) Special requirements for incompatible wastes _____
- **k) Closure and post-closure _____

* 1 year after effective date of regulation.
** May 19, 1981

02 - .315

10. Landfills N/A
- *a) Run-on diversion
 - *b) Run-off collection; Treat if necessary _____
 - c) Wind dispersion controlled _____
 - d) Records of all dimensions, locations, and contents _____
 - e) Special Requirements for I and R wastes _____
 - f) Special Requirements for Incompatible Waste _____
 - g) Special Requirements for liquids _____
 - h) Reduction in volume of empty containers _____
 - *i) Closure and post-closure _____

part R

11. Underground Injection N/A
- Consult appropriate subparts.

* 1 year after effective date of regulation.
 ** May 19, 1981

- i2. CLOSURE COST ESTIMATE: NOT AVAILABLE
- i3. CLOSURE PLAN: NOT AVAILABLE

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C. Requests for Information

REQUESTED INFORMATION INCLUDED THE IDENTITY OF THE
INDUSTRIAL REGISTRAR; COPIES OF "PLANS" ASSOCIATED
WITH INSPECTION CRITERIA.

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