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RCRA Compliance Inspection Report

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SUPERFUND RECORDS

1. Generator Information:

Dico Company, Inc.
200 S. W. 16th Street, P. O. Box 1344
Des Moines, Iowa 50305
Phone: 515-244-7286

2. Responsible Official:

Harold E. McCarville, Secretary/Treasurer

3. Survey Participants:

Harold McCarville, Treasurer
Ron McIntyre, Maintanence Supervisor

Sharon T. Cox, Engineer, EPA, SVAN VII

John Caoile, Geologist, Ecology & Environment, FIT
David Jackson, Chemist, Ecology & Environment, FIT

4. Date of Inspection:

January 20, 1981

5. Applicable Regulations:

40 CFR Part 260-265

6. Purpose of Survey:

Interim Status compliance inspection of waste generator requested by EPA, REgion VII, Enforcement Division.

7. Generator Description:

Dico Company, Inc. is a private company involved in the manufacture of several items used in industry. Dico operates under EPA Permit No. IAD0052792783. Those items manufactured include metal wheels, solid and semi-pneumatic tires, rubber floor mats, and industrial brake linings. Dico is a subsidiary of the Dyneer Corporation and occupies about six

II. Metal Wheels

A. Operation:

No smelting or foundry operation are performed at Dico for the production of metal wheels. Instead, the wheels are manufactured utilizing sheet metal in which the appropriate sizes are punched out and pressed into shape. Drill presses are used to drill the hub and bolt holes. Spot welding is also done in some instances with the cooling water for the electrodes being provided by DICO's own water well.

The wheels and other small parts are degreased prior to painting. A wash system has been set up where most of the metal wheels are degreased in a three-step process. The wheels are placed on conveyor hooks and are drawn into a booth in which a non-toxic degreaser is sprayed onto the wheels. This first wash consists of a spray wash using Compound M-19 manufactured by Madison Chemical Co., Inc. This compound is a cleaner-iron phosphatizing agent which according to the product data sheets contains no hazardous ingredients.

The parts then pass through a hot water rinse and on to the third stage which is a non-chrome acid rinse. The last rinse utilizes DART 209 which is also manufactured by Madison Chemical Co., Inc. The last rinse acts as a corrosion inhibitor on previously phosphatized metals according to the data sheet (data sheets for both 1st and 3rd rinses are attached).

The smaller parts are degreased by a method which was used prior to 1979 for all metal parts, and involves the use of Tri-Clene Solvent of which a major component is trichloroethylene.