

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - REVISED

PERMITTEE

DMI, Inc.
Attn: Robert McClure
P.O. Box 65, Route 150 East
Goodfield, Illinois 61742

Application No.: 75080104
Applicant's Designation: DMI-FESOP
Subject: Farm Implement Manufacturing
Date Issued: April 12, 2001
Location: Route 150 East, Goodfield

I.D. No.: 203809AAD
Date Received: April 10, 2001
Expiration Date: July 12, 2004

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of the paint room consisting of two paint booths, the paint deck consisting of one paint booth (partitioned area with two spray guns), a paint dip tank, two portable paint dip tanks (#6 & #7), a wheelabrator shotblast operation, a welding operation including 70 welders, a waste oil boiler, an underground storage tank, and several natural gas fired units including seven units with heat input in excess of 1 mmBtu/hour (one 2.25 mmBtu/hour air make-up unit, one 1.5 mmBtu/hour make-up unit, two 1.4 mmBtu/hour air exchange units, one 8.2 mmBtu/hour two-burner furnace, one 5.3 mmBtu/hour air make-up unit, and one 1.6 mmBtu/hour forge furnace) pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for VOM, 10 tons/year for a single HAP, and 25 tons/year for totaled HAP). As a result, the source is excluded from the requirements to obtain a Clean Air Act Permit Program permit.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permit(s) for this location.
- 2a. Emissions and material usage for the three paint booths and the two portable dip tanks (#6 and #7) shall not exceed the following limits:

<u>Material</u>	<u>Material Usage*</u> <u>(Gal/Yr)</u>	<u>VOM Content**</u> <u>(Lb/Gal)</u>	<u>Annual VOM Emissions*</u> <u>(Ton/Yr)</u>
Coatings	18,200	3.5	31.8

* These limits are based on requested limits within the permit application. Water or other exempt compounds may be excluded when determining compliance with the material usage limits.

** These limits are based on the allowable limit of 3.5 lbs/gal for extreme performance coatings pursuant to 35 Ill. Adm. Code 215.204(j).

Compliance with annual limits shall be determined from a running total of 12 months of data.

b. Emissions for the large dip tank shall not exceed the following limits:

<u>Material</u>	<u>Annual VOM Emissions*</u> <u>(Ton/Yr)</u>	<u>VOM Content</u> <u>(Lb/Gal)**</u>	<u>Material Usage*</u> <u>(Gal/Yr)</u>
Coatings and Solvents	37.9	3.5	22,100

* These limits are based on requested limits within the permit application.

** These limits are based on the allowable limit of 3.5 lbs/gal for extreme performance coatings pursuant to 35 Ill. Adm. Code 215.204(j).

Compliance with annual limits shall be determined from a running total of 365 days of data.

c. Source wide emissions of hazardous air pollutants (HAPs) shall not exceed 10 tons per year of individual HAPs and 25 tons per year for total HAPs.

3a. The Permittee shall maintain records of the following items for coating operations other than the large dip tank to allow the Illinois EPA to review compliance with the limits in Condition 2a.

- i. A list giving the name and identification number of each coating as applied, dilution solvent, clean-up solvent, and any other material used containing VOM;
- ii. VOM content in lbs VOM per gallon of coating as supplied for each material used containing VOM;
- iii. VOM content in lbs VOM per gallon of coating as applied (less water and any compounds which are specifically exempt from the definition of VOM) for each material used containing VOM;
- iv. Single HAP content in lbs HAP (for each individual HAP) per gallon of coating as applied for each material used containing HAPs;
- v. Total HAP content in lbs HAP per gallon of coating as applied for each material used containing HAPs;

- vi. Actual usage rate in gallons per month for each material containing VOM.

- b. The Permittee shall maintain records of the following items for the large dip tank to allow the Illinois EPA to review compliance with the limits in Condition 2b.
 - i. A list giving the name and identification number of each coating, dilution solvent, clean-up solvent, make-up solvent, and any other material used containing VOM;
 - ii. VOM content in lbs VOM per gallon of coating, make-up solvent, or other material, as added to the dip tank, for each material used containing VOM;
 - iii. HAP content in lbs HAP for each individual HAP per gallon of coating, make-up solvent, or other material, as added to the dip tank, for each material used containing HAPs;
 - iv. Total HAP content, in lbs total HAP per gallon of coating, make-up solvent, or other material, as added to the dip tank, for each material used containing HAPs;
 - v. Actual rate of material addition to the dip tank, in gallons per day for each material containing VOM;
 - vi. Actual VOM emissions, emissions of individual HAPs, and total HAP emissions in lbs/day;
 - vii. Annual VOM emissions, emissions of individual HAPs, and total HAP emissions in lbs/year.
 - c. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA and USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
4. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedances or violation and efforts to reduce emissions and future occurrences.
 5. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or

storage activity beyond the property line of the emission source,
pursuant to 35 Ill. Adm. Code 212.301.

6. Emissions and operation of the entire welding operation shall not exceed the following limits:

<u>Welding Rod Usage</u> (Lbs/Year)	<u>Annual PM-10 Emissions</u> (Tons/Year)
600,000	6.4

These limits are based on the requested limit provided in the permit application, and an average emission factor of 21.2 lbs of PM-10 per 1,000 lbs of welding rod consumed (ref. AP-42). Compliance with annual limits shall be determined from a running total of 12 months of data.

7. Natural gas shall be the only fuel used in all combustion units except for the waste oil boiler.
- 8a. The Permittee shall maintain records of the following items to allow the Illinois EPA to review compliance with the limits in Condition 8.
- i. Amount of welding wire consumed, pounds per month.
 - b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request.
- 9a. All reports, notifications, etc., required by this permit shall be sent to the Illinois EPA at the following address:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

- b. A copy of all reports, notifications, etc., other than the Annual Emission Report shall also be sent to the Illinois EPA's Regional Office:

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University
Peoria, Illinois 61614

10. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: prior calendar year usage of all coatings and solvents, gal/year and the VOM content of each coating/solvent used. If there have been no exceedances during the prior

calendar year, the Annual Emission Report shall include a statement to that effect.

It should be noted that this permit has been revised in order to simplify the limits for the paint deck (See Condition 2a).

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If you have any questions on this permit, please call Mohamed Anane at 217/782-2113.

Donald E. Sutton, P. E.
Manager, Permit Section
Division of Air Pollution Control

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cc: Region 2