

SUPPLEMENT to PERMIT No. 1228-90B
Midwest Products Finishing
Ottawa Lake, Michigan
December 11, 2000

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, altered, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. [R 336.1201(1)]
2. If the installation, reconstruction, relocation, or alteration of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the person to whom this permit was issued, or the designated authorized agent, shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909, if it is decided not to pursue the installation, reconstruction, relocation, or alteration of the equipment allowed by this Permit to Install. [R 336.1201(4)]
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, trial operation is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install and until the appropriate terms and conditions of this Permit to Install have been incorporated into the Renewable Operating Permit. Upon incorporation of the appropriate terms and conditions into the Renewable Operating Permit, this Permit to Install shall become void. [R 336.1201(6)(a)]
4. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. [R 336.1201(6)(b)]
5. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. [R 336.1201(8), Section 5510 of Act 451, P.A. 1994]
6. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to R 336.1219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b) and (c) of R 336.1219. The written request shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. [R 336.1219]

7. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. [R 336.1901]
8. The owner or operator of a source, process, or process equipment shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant in excess of standards for more than one hour, or of any air contaminant in excess of standards for more than two hours, as required in this rule, to the District Supervisor, Air Quality Division. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the District Supervisor within 10 days, with the information required in this rule. [R 336.1912]
9. Approval of this permit does not exempt the person to whom this permit was issued from complying with any future applicable requirements which may be promulgated under Part 55 of Act 451, P.A. 1994 of the Clean Air Act.
10. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
11. Operation of this equipment may be subject to other requirements of Part 55 of Act 451, P.A. 1994, and the rules promulgated thereunder.
12. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R 336.1301, a person shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R 336.1303. [R 336.1301]
 - a) A six-minute average of 20% opacity, except for one 6-minute average per hour of not more than 27% opacity.
 - b) A visible emission limit specified by an applicable federal new source performance standard.
 - c) A visible emission limit specified as a condition of this permit to install.
13. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R 336.1370(2). [R 336.1370]
14. Except as allowed by Rule 285 (a), (b), and (c), applicant shall not substitute any fuels, coatings, nor raw materials for those described in the application and allowed by this permit, nor make changes to the process or process equipment described in the

application, without prior notification to and approval by the Air Quality Division.
[R 336.1201(1)]

15. The Department may require the applicant to conduct acceptable performance tests, at the applicant's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. [R 336.2001]

SPECIAL CONDITIONS
 December 11, 2000

This permit covers the emission unit defined in the following table.

Emission Unit ID	Associated Equipment
EU-DIP#1	Cleaner phosphate system, paint tank, one curing oven and associated rinse stages.
EU-DIP#2	Cleaner phosphate system, paint tank, one curing oven and associated rinse stages.

Emission Limits

Pollutant	Equipment	Limit	Time Period	Compliance Method	UAR(s)
1. Volatile organic compounds (VOCs)	EU-DIP#1	4.1 pounds	Per hour	S.C. 11	R 336.1225 R 336.1702(a)
2. VOCs	EU-DIP#1	15.4 tons per year	12-month rolling average	S.C. 11	R 336.1702(a)
3. VOCs	EU-DIP#2	6.0 pounds	Per hour	S.C. 11	R 336.1225 R 336.1702(a)
4. VOCs	EU-DIP#2	19.0 tons per year	12-month rolling average	S.C. 11	R 336.1702(a)

Material Usage Limits

- The volatile organic compound (VOC) content of the combined coating used in EU-DIP#1 shall not exceed 3.0 pounds per gallon of coating (minus water) as applied. **(R 336.1225 and R 336.1702(a))**
- The volatile organic compound (VOC) content of the combined coating used in EU-DIP#2 shall not exceed 0.4 pounds per gallon of coating (minus water) as applied. **(R 336.1225 and R 336.1702(a))**

Process/Operational Limits

- The cleaner phosphate system on EU-DIP#2 shall not be operated at temperatures greater than 160°F. **(R 336.1224, R 336.1225, and R 336.1702(a))**
- The storage and disposal of waste coatings and solvents shall be performed in a manner which minimizes the introduction of air contaminants to the outer air. **(R 336.1224, R 336.1225, R 336.1702(a), and R 336.1901)**

Testing

- The VOC content, solids content, and density of any coating, solvent, or other material as applied and as received shall be determined using federal Reference Test Method 24

or other EPA approved reference method. Upon prior approval of the District Supervisor, Air Quality Division, VOC content, solids content, and density may alternatively be determined from manufacturer's formulation data. **(R 336.1225 and R 336.1702(a))**

10. The applicant shall maintain a current listing from the manufacturer, of the chemical composition of each coating, cleanup solvent, etc., including the weight percent of each component. The data may consist of Material Safety Data Sheets, manufacturer's formulation data, or both. **(R 336.1225 and R 336.1702(a))**

Recordkeeping/Reporting/Notification

11. The applicant shall keep a record for each calendar month of the following information for each emission unit:
- a) Daily hours of operation for each emission unit.
 - b) Daily for each coating, reducer, and solvent used:
 - 1. The coating, reducer, cleanup, and purge solvent identification;
 - 2. The amount used in gallons (with water); and
 - 3. The VOC content in pounds per gallon (minus water and with water), as received and as applied.
 - c) VOC emission calculations determining the calendar month emission rate in tons per month, and a 12-month rolling time period emission rate in tons per year separately for each emission unit.

The records are for the purpose of compliance demonstration and shall be kept in a format that has been approved by the Air Quality Division District Supervisor. All such records shall be kept on file for a period of at least five years and made available to the District Supervisor upon request. **(R 336.1225 and R 336.1702(a))**

Stack/Vent Conditions

12. The exhaust gases from the emission units shall be discharged unobstructed vertically upwards to the ambient air from stacks with the following parameters: **(R 336.1225, R 336.1901, and 40 CFR 52.21(c) &(d))**

Stack ID	Description	Maximum Diameter (inches)	Minimum Exit Point above Ground Level (feet)
SV0001	EU-DIP#1 Exhaust	33	52
SV0002	EU-DIP#2 Exhaust	36	49.6