

SUPPLEMENT to PERMIT No. 368-98
Monroe Truck Equipment
Flint, Michigan
May 25 1999

GENERAL CONDITIONS

1. Rule 201(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.
2. Rule 201(4) - 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.
3. Rule 201(6)(a) - 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.
4. Rules 201(6)(b) - 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.
5. Rule 201(8) and Section 5510 of Act 451, P.A. 1994 - 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 Departments' rules or the Clean Air Act.
6. Rule 219 - 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.

7. Rule 901 - 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.
8. Rule 912 - 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.
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 or 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. Rule 301 - 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.
 - a) A 6-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. Rule 370 - 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).

14. Rule 285 - 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.
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.

SPECIAL CONDITIONS
May 25, 1999
(13 Special Conditions)

1. The VOC emission rate from the metal parts painting portion of the process shall not exceed 12.3 pounds per hour for both booths combined, 2000 pounds per month per booth, nor 9.9 tons per year for both booths combined, based upon a 12-month rolling time period as determined at the end of each calendar month. This condition is necessary to assure compliance with the emission limits which have been established pursuant to Rules 205, 225, and 702(a).
2. The total VOC emission rate from the non-metal parts painting portion of the process shall not exceed 12.3 pounds per hour nor 2.4 tons per year, based upon a 12-month rolling time period as determined at the end of each calendar month. This condition is necessary to assure compliance with the emission limits which have been established pursuant to Rules 205, 225, and 702(a).
3. The VOC emission rate from the undercoating portion of the process shall not exceed 10.3 pounds per hour nor 2.0 tons per year, based upon a 12-month rolling time period as determined at the end of each calendar month. This condition is necessary to assure compliance with the emission limits which have been established pursuant to Rules 205, 225, and 702(a).
4. The VOC emission rate from the line-purge and cleanup portion of the coating process shall not exceed 16.8 pounds per calendar day nor 2.6 tons per year. This condition is necessary to assure compliance with best available control technology (BACT) which has been established pursuant to Rule 702(a) and the emission limits which have been established pursuant to Rules 205 and 225.
5. The hazardous air pollutant (HAP) emissions, as defined pursuant to Section 112(b) of the Clean Air Act, shall be less than 5.0 tons per year for any individual HAP and 15.0 tons per year for any combination of HAPs at this stationary source. The annual limit shall be based upon a 12-month rolling time period as determined at the end of each calendar month. This condition is necessary to assure compliance with the emission limits which have been established pursuant to Rule 205(3).
6. The applicant shall not operate either of the two paint booths unless all exhaust filters are in place and operating properly. This condition is necessary to assure compliance with Rules 225, 901, and 910.
7. The applicant shall equip and maintain both paint spray booths with high volume low pressure (HVLP) spray guns or equivalent technology with comparable transfer efficiency. This condition is necessary to assure compliance with best available control technology (BACT) which has been established pursuant to Rule 702.

8. Applicant shall keep a separate record, acceptable to the District Supervisor, for each calendar month of the following information:
 - A. For each of the two paint spray booths and both booths combined:
 1. For each coating used, the identification and the coating category,
 2. The amount, in gallons, of each coating used (with water),
 3. The VOC content, in pounds per gallon of coating (minus water and with water) as applied,
 4. VOC emissions calculations determining monthly VOC emission rates in tons per month for the metal and non-metal coating processes,
 5. VOC emission calculations determining a 12-month rolling time period emission rate in tons per year for the metal and non-metal coating processes.
 6. Hours of operation for each paint booth.
 - B. For the undercoating portion of the process:
 1. The identification of (each) undercoating used,
 2. The amount, in gallons, used,
 3. The VOC content of (each) undercoating used,
 4. VOC emission calculations determining monthly VOC emission rates in tons per month,
 5. VOC emission calculations determining monthly VOC emission rates in tons per year,
 - C. For the booth cleanup and line-purge operations:
 1. The identification of each cleanup/purge solvent used,
 2. The pounds of VOC per gallon of solvent used,
 3. Actual gallons of cleanup/purge solvent used,
 4. Gallons of cleanup/purge solvent reclaimed,
 5. VOC emission calculations determining monthly VOC emission rates in tons per month,

6. VOC emission calculations determining monthly VOC emission rates in tons per year.

All records shall be kept on file for a period of at least five years and made available to the Air Quality Division upon request. This condition is necessary to assure compliance with the emission limits which have been established pursuant to Rules 702(a), 205 and 225.

9. Applicant shall keep a separate record, acceptable to the District Supervisor, of the following information:

- A. Monthly calculations of the following for all Hazardous Air Pollutants (HAPs):

1. Monthly calculation of individual HAPs emission rate in tons per month by process,
2. Monthly calculation of aggregate HAPs emission rate in tons per month for all processes at the facility,
3. Monthly calculation of individual HAPs determining a 12-month rolling time period emission rate in tons per year,
4. Monthly calculation of aggregate HAPs determining a 12-month rolling time period emission rate in tons per year.

All records shall be kept on file for a period of at least five years and made available to the Air Quality Division upon request. This condition is necessary to assure compliance with the emission limits which have been established to Rule 205(3).

10. The exhaust gases from the metal and nonmetal painting process shall be discharged unobstructed vertically upwards to the ambient air from two stacks (one per booth) each with a maximum diameter of 30 inches at exit points not less than 32 feet above ground level. This condition is necessary to assure compliance with Rules 225 and 901.
11. All wipe rags used for parts-wipe shall be stored in closed containers when not in use and disposed of in an acceptable manner in compliance with all applicable rules and regulations. This condition is necessary to assure compliance with best available control technology (BACT) which has been established pursuant to Rule 702 and Rules 225 and 901.
12. All purge solvents from all applicators used in the coating operation shall be captured in purge cups and disposed of in an acceptable manner in compliance with all applicable rules and regulations. This condition is necessary to assure compliance with best available control technology (BACT) which has been established pursuant to Rule 702 and Rules 225 and 901.

13. Applicant shall recover and reclaim, in accordance with applicable regulations, a minimum of 55%, by weight, of the purge and cleanup solvent used in the coating process. This condition is necessary to assure compliance with best available control technology (BACT) which has been established pursuant to Rule 702 and Rules 205, 225, and 901.