

SUPPLEMENT to PERMIT No. 148-97

Forrest Brothers, Inc.
Gaylord, MI

June 11, 1997

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 48909-7760, 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 which is subject to a Renewable Operating Permit pursuant to Rule 210, trial operation is allowed 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 as a modification pursuant to Rule 216 or upon renewal pursuant to Rule 217. Upon incorporation of the appropriate terms and conditions into the Renewable Operating Permit, this Permit to Install shall become void.
4. Rules 201(7)(a) or 216(1)(a)(v)(A)—Except as provided in General Condition No. 3, operation of the process or process equipment is allowed if, not more than 30 days after completion of the installation, construction, reconstruction, relocation, alteration, or modification authorized by this Permit to Install, the person to whom this Permit to Install was issued, or the authorized agent pursuant to Rule 204, notifies the District Supervisor, Air Quality Division, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, alteration, or modification is considered to occur not later than commencement of trial operation of the process or process equipment.
5. Rule 201(7)(b)—Except as provided in General Condition No. 3, not more than 18 months after completion of the installation, construction, reconstruction, relocation, alteration, or

modification authorized by this Permit to Install, the person to whom this permit was issued, or the authorized agent pursuant to Rule 204, shall notify the District Supervisor, Air Quality Division, in writing, of the status of compliance of the process or process equipment with the terms and conditions of the Permit to Install. The notification shall include all of the following:

- A. The results of all testing, monitoring, and record keeping performed to determine the actual emissions from the process or process equipment and to demonstrate compliance with the terms and conditions of the Permit to Install.
 - B. A schedule of compliance for the process or process equipment as described in Rule 119(a).
 - C. A statement, signed by the person owning or operating the process or process equipment, that, based on information and belief formed after reasonable inquiry, the statements and information in the notification are true, accurate, and complete.
6. 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 Department's rules or the Clean Air Act.
 7. 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 Rule 219 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 in Rule 219(1)(a), (b) and (c). The written request shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality.
 8. 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.
 9. 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.

Forrest Brothers, Inc.

Permit No. 148-97

Page 3

June 11, 1997

10. Approval of this permit does not exempt the person to whom this permit was issued from complying with any future regulations which may be promulgated under Part 55 of Act 451, P.A. 1994.
11. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
12. Operation of this equipment may be subject to other requirements of Part 55 of Act 451, P.A. 1994, and the rules promulgated thereunder.

SPECIAL CONDITIONS

13. The total volatile organic compound (VOC) emission rate from the miscellaneous metal parts paint spray area, herein after "paint spray area," shall not exceed 25.6 pounds per hour, nor 2,000 pounds per month, nor 10.0 tons per year, based upon a twelve-month rolling time period as determined at the end of each calendar month. Also, the combined emissions for all metallic surface coating lines at this stationary source shall not exceed 30 tons per year based upon a twelve-month rolling time period as determined at the end of each calendar month.
14. Visible emissions from the paint spray area shall not exceed a six-minute average of 20% opacity, except as specified in Rule 301(1)(a)
15. Rules 1001, 1003, and 1004—Verification of VOC emission rates by testing from the paint spray area, at the owner's expense, in accordance with Department requirements, may be required for operating approval. The testing shall be conducted within 60 days following the receipt of the written notification of the requirement. Verification of emission rates includes the submittal of a complete report of the test results. If testing is required, a complete test plan must be submitted to the Air Quality Division. The final plan must be approved by the Division prior to testing and a complete report of test results must be submitted to the Division within 60 days following the last date of testing.
16. Applicant shall not operate the paint spray areas unless the ventilation filter system is installed and operating properly.
17. The disposal of spent filters and/or waste coatings, reducers, and/or purge and/or cleanup solvents shall be performed in a manner which minimizes the introduction of air contaminants to the outer air.
18. The exhaust gases from the paint spray areas shall be discharged unobstructed to the ambient air from a stack with a maximum diameter of four (4) feet at an exit point not less than 37 feet above ground level.
19. The applicant shall keep a monthly record, acceptable to the District Supervisor, of the following information using the method outline in Appendix A or an alternative method acceptable to the District Supervisor:
 - A. Hours of operation of the paint spray area.
 - B. For each coating used:
 1. The amount in gallons used (with water).
 2. The VOC content in pounds per gallon (minus water and with water) as applied.

- C. The amount in gallons and VOC content of all purge and/or cleanup solvents used and reclaimed.
- D. VOC emissions calculation determining the total mass emissions from the paint spray area in pounds per month; and a twelve-month rolling time period mass emission at the end of each calendar month in tons per year.
- E. VOC emissions calculation determining twelve-month rolling time period mass emission at the end of each calendar month in tons per year from this stationary source.

All such records shall be kept on file for a period of at least two (2) years and made available to the Air Quality Division upon request.

- 21. Applicant shall equip and maintain the paint spray area with high pressure low volume (HPLV) spray guns or an equivalent or better technology with comparable or better coating transfer efficiency. All coating applicators shall be properly installed, maintained, and operated according to the manufacturer's specifications.