

SUPPLEMENT TO PERMIT NO. 42-94

Terry Materials of Michigan
Alma, Michigan

July 5, 1994

GENERAL CONDITIONS

1. Rule 208(2) - Not more than 30 days after completion of the installation, Applicant shall apply, in writing, for a Permit to Operate. Completion of the installation is deemed to occur not later than commencement of a trial operation pursuant to Rule 201(4). Written application should be sent to: Chief, Permit Unit, Air Quality Division, Department of Natural Resources, P.O. Box 30028, Lansing, Michigan 48909.
2. Rule 201(4) - Trial operation of the equipment is permitted until the Michigan Air Pollution Control Commission acts upon the Permit to Operate. Operation of the equipment shall permanently cease upon denial of the Permit to Operate by the Commission.
3. Rule 208(3)(a) and (c) - Applicant shall demonstrate compliance with all Commission rules and with all general and special conditions of this permit prior to issuance of the Permit to Operate.
4. Rule 201 - Applicant shall not reconstruct, alter, modify, expand, or relocate this equipment unless plans, specifications, and an application for a Permit to Install are submitted to and approved by the Commission.
5. 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 value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property.
6. Rule 208(3)(b) - Operation of this equipment shall not interfere with the attainment or maintenance of the air quality standard for any air contaminant.
7. Operation of this equipment shall not result in significant deterioration of air quality.
8. Rule 912 - Applicant shall provide notification of any abnormal conditions or malfunction of process or control equipment covered by this application, resulting in emissions in violation of the Commission rules or of any permit conditions for more than two hours, to the District Supervisor. Such notice shall be made as soon as reasonably possible, but not later than 9:00 a.m. of the next working day. Applicant shall also, within 10 days, submit to the District Supervisor, a written detailed report, including probable causes, duration of violation, remedial action taken, and the steps which are being undertaken to prevent a reoccurrence.

9. Approval of this application does not exempt the Applicant from complying with any future regulations which may be promulgated under Act 348, P.A. 1965, as amended.
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. Act No. 53 - Applicant shall notify any public utility of any excavation, tunneling and discharging of explosives or demolition of buildings which may affect said utility's facilities in accordance with Act 53 of the Public Acts of 1974, being sections 460.701 to 460.718 of the Michigan Compiled Laws and comply with each of the requirements of that Act.
12. The restrictions and conditions of this Permit to Install shall apply to any person or legal entity which now or shall hereafter own or operate the equipment for which this Permit to Install is issued. Any new owner or operator shall immediately notify the Chief of the Permit Unit, in writing, of such change in ownership or principal operator status of this equipment.
13. Rule 201(5) - If the installation, reconstruction, relocation, or alteration of the equipment for which this permit has been approved has not commenced within, or has been interrupted for, 18 months, this permit shall become void unless otherwise authorized by the Commission.
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.

SPECIAL CONDITIONS

15. The poly nuclear aromatic hydrocarbon (PAH) emission from the asphalt storage tanks shall not exceed $4.77E^2$ milligrams per cubic meter, corrected to 70°F and 29.92 inches Hg.
16. Visible emissions from the asphalt emulsion plant shall not exceed 0% opacity.
17. Rules 1001, 1003 and 1004 - Verification of PAH emission rates from the asphalt storage tanks by testing, at owner's expense, in accordance with Commission requirements, may be required for operating approval. Verification of emission rates includes the submittal of a complete report of the test results. If a test is required, stack testing procedures and the location of stack testing ports must have prior approval by the District Supervisor, Air Quality Division, and results shall be submitted within 120 days of the written requirement for such verification.
18. Applicant shall not fill the hydrogen chloride (HCl) storage tank unless the vapor balance system is installed and operating as described below:

- a. The vapor-tight collection line shall be connected to the delivery vessel before any HCl is transferred.
 - b. The vapor-tight collection line shall close upon disconnection so as to prevent release of HCl vapor.
 - c. Hatch and other openings on the delivery vessel shall be closed and vapor-tight to prevent emission of displaced HCl vapor during transfer operations, except under emergency conditions.
 - d. The liquid transfer line shall be equipped with a device, or a procedure shall be implemented, to prevent liquid drainage from the line when it is disconnected and not in use.
 - e. Applicant shall develop written procedures for the operation of all the control measures described above, and such procedures shall be available in an accessible location near the transfer equipment.
19. During preparation of the concentrated soap solution, the fatty amine emulsifier and HCl shall be added to a water filled mixing kettle with a submerged inlet.
20. The exhaust gases from each asphalt storage tank shall be discharged unobstructed vertically upwards to the ambient air from a stack with a maximum diameter of 8 inches at an exit point not less than 24 feet above ground level.

TW:cmb