

SUPPLEMENT TO PERMIT NO. 3-94C
Finishing Specialties, Inc.
Clinton Twp., Michigan
January 22, 2001

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 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)]
4. 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]
5. 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]
6. 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]
7. 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]

8. 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, PA 1994 of the Federal Clean Air Act.
9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of Act 451, PA 1994, and the rules promulgated thereunder.
11. 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 percent opacity, except for one 6-minute average per hour of not more than 27 percent 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.
12. 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]
13. 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)]
14. 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

Emission Unit Identification

Emission Unit	Emission Unit Description
EU-METALBOOTH-1	Miscellaneous metal parts paint spray booth No. 1.
EU-METALBOOTH-2	Miscellaneous metal parts paint spray booth No. 2.

Flexible Group Identification

Flexible Group	Emission Units Included in Flexible Group
FG-METALPAINTING	EU-METALBOOTH-1 EU-METALBOOTH-2

EMISSION LIMITS

FLEXIBLE GROUP

	Pollutant	Equipment	Limit	Time Period	Compliance Method	Applicable Requirements
1.	VOCs	FG-METALPAINTING	15.0 Pounds	Per Hour	Special Condition No. 8	R336.225 & R336.901
2.	VOCs	FG-METALPAINTING	15.0 Tons	Per 12-Month Rolling Time Period	Special Condition No. 8	R336.1205 & R336.702(a)
3.	VOCs	FG-METALPAINTING	3.5 Pounds Per Gallon (Minus Water), as Applied	Based Upon a Calendar Day Averaging Period	Special Condition No. 8	R336.1205 & R336.702(d)

Equipment

4. The applicant shall not operate either of the two miscellaneous metal parts paint spray booths unless their respective exhaust filters are installed and operating properly. **(R336.1224, R336.1301, R336.1331, R336.1901, & R336.1910)**
5. All waste coatings, reducers, purge solvents, and cleanup solvents shall be captured and stored in closed containers and shall be disposed of in an acceptable manner in compliance with all applicable rules and regulations. **(R336.1205, R336.1224, R336.1225, R336.1702(a), & R336.1901)**

6. The disposal of spent filters shall be performed in a manner, which minimizes the introduction of air contaminants to the outer air. **(R336.1205, R336.1224, R336.1901)**

Testing

7. The VOC content, water content, and density of any coating, reducer, and/or purge or cleanup solvent as applied and as received shall be determined using federal Reference Test Method 24. Upon prior approval of the District Supervisor, Air Quality Division, the VOC content, water content, and density of any coating, reducer, and/or purge or cleanup solvent may alternatively be determined from manufacturer's formulation data. **(R336.1205, R336.1224, R336.1225, R336.1702, & R336.1901)**

Recordkeeping/Reporting/Notification

8. The applicant shall maintain a current listing of the manufacturer's formulation data for all coatings, each reducer, and all purge and/or cleanup solvent used. In addition, the applicant shall, using a method approved by the District Supervisor, maintain the following records and calculations on file concerning all emission units and purge and clean-up operations:
 - A. Hours of operation of each emission unit, on a monthly basis.
 - B. For each coating and reducer used on each emission unit, on a calendar day basis:
 1. The amount used in gallons (with water and minus water).
 2. The VOC content in pounds per gallon (with water and minus water).
 - C. For any ~~each~~ cleanup solvent used containing VOCs on each emission unit on a calendar month basis:
 1. The amount used in gallons.
 2. The amount reclaimed in gallons.
 3. The VOC content in pounds per gallon.
 - D. VOC emissions calculations determining the average as-applied VOC content of all of the coatings used in FG-METALPAINTING on a calendar day basis.
 - E. VOC emission calculations determining the total mass emissions from each emission unit and from FG-METALPAINTING on a monthly and 12-month rolling time period basis.

All records shall be kept on file for a period of at least five years and be made available to the Air Quality Division upon request. **(R336.1205, R336.1224, R336.1225, R336.1702(a & d), & R336.1901)**

Stacks/Vents Restrictions

9. The exhaust gases from all process equipment covered by this permit shall be discharged unobstructed vertically upwards to the ambient air from stacks having the following listed parameters:

Process Equipment	Minimum Stack Height (feet)	Maximum Stack Diameter (inches)	Applicable Requirements
EU-METALBOOTH-1	30.0	36.0	R336.1225, R336.1901, and 40 CFR 52.21 Subparts (c) & (d)
EU-METALBOOTH-2	30.0	24.0	R336.1225, R336.1901, and 40 CFR 52.21 Subparts (c) & (d)