

Facility ID: 0278000729 Issuance type: Final State Permit To Operate

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In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0278000729 Emissions Unit ID: R001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Spray Booth P-1 for Plastic Parts	OAC rule 3745-31-05(A)(3) (PTI No. 02-20814) (modification issued in May 2005)	See sections A.2.b, A.2.c, and A.2.d below.
	OAC rule 3745-21-07 (G)(2)	The requirements of this rule also include compliance with requirements of OAC rule 3745-21-07(G)(2). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-07(G)	See section A.2.a. below.

2. Additional Terms and Conditions

- (a) Each day that a photochemically reactive material [as defined in OAC 3745-21-01(C)(5)] is employed, the organic compound (OC) emissions from all coatings and from photochemically reactive clean up materials shall not exceed 8 pounds per hour and 40 pound per day. OC emissions from clean up material that is not a photochemically reactive material shall not be included in showing compliance with this limit. A material's status as photochemically reactive material is determined "as applied" after any thinning or addition of catalyst.
Each day that photochemically reactive materials [as defined in OAC 3745-21-01(C)(5)] are not employed, the OC emissions from coatings and clean up materials shall not exceed 20.4 pounds per hour.
The OC content shall not exceed 6.8 pounds of OC per gallon of coating, for all coatings.
The OC emissions from all coatings and cleanup materials shall not exceed 7.3 tons per year.

B. Operational Restrictions

1. The permittee shall operate the dry filters whenever this emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records that document all time periods when the dry filters were not in service when the emissions unit was in operation.
2. The permittee shall collect and record the following information for each day that photochemically reactive coatings or cleanup materials are employed in this emissions unit:
 - a. the company identification for each coating and photochemically reactive cleanup material employed;
 - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
 - c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;
 - d. the total emissions rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;
 - e. the total number of hours the emissions unit was in operation;
 - f. the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average);
 - g. the company identification for each non-photochemically reactive cleanup material employed;

- h. the number of gallons of each non-photochemically reactive cleanup material employed;
- i. the OC content of each non-photochemically reactive cleanup material, in pounds OC per gallon; and
- j. the total emissions rate for all non-photochemically reactive cleanup material, in pounds OC per day.

[Note: The coating information must be for the coatings as employed, including any thinning solvents or catalysts added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

- 3. The permittee shall collect and record the following information for each day that photochemically reactive coatings or cleanup materials are not employed in this emissions unit:
 - a. the company identification for each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed;
 - c. the organic compound (OC) content of each coating and cleanup material, in lbs/gallon;
 - d. the total OC emission rate for all coatings and cleanup materials, in lbs/day;
 - e. the total number of hours the emissions unit was in operation; and
 - f. the average hourly OC emission rate for all coatings and cleanup materials, i.e., (d)/(e), in lbs/hr.
- 4. The permittee shall record the total OC emissions for the calendar year, in tons, (i.e., the sum of the daily record in 2.d and 3.d, divided by 2000).

D. Reporting Requirements

- 1. The permittee shall notify the Director (Ohio EPA, Northeast District Office) in writing of any daily record showing that the dry filters were not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (Ohio EPA, Northeast District Office) within 30 days after the event occurs.
- 2. In accordance with Section 2.b. of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly OC emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly OC emissions for each such day;
 - b. for the days during which a photochemically reactive material was employed, an identification of each day during which the OC emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual OC emissions for each such day;
 - c. for the days during which a photochemically reactive material was not employed, an identification of each day during which the average OC emissions from the coatings and cleanup materials exceeded 20.4 lbs/hr, and the actual average OC emissions for each such day; and
 - d. an identification of each day during which coatings with an OC content exceeding 6.8 pounds of OC per gallon of coating were used, and the actual OC content for each such coating .
- 3. The permittee shall also submit annual reports that summarizes the emissions of OC from this emission unit for the previous calendar year. The reports shall include the emissions calculations, shall be submitted by February 1 of each year, and shall cover the previous calendar year.

E. Testing Requirements

- 1. Compliance with the allowable emission limitations in Section A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:
Emissions Limitation:

OC emissions shall not exceed 8 pounds per hour for each day that photochemically reactive materials are employed.

Applicable Compliance Method:

Compliance shall be determined by the daily values calculated in C.2.f. based upon the record keeping specified in Section C.2.
Emissions Limitation:

OC emissions shall not exceed 40 pounds per day for each day that photochemically reactive materials are employed.

Applicable Compliance Method:

Compliance shall be determined by the daily values calculated in C.2.d. based upon the record keeping specified in Section C.2.
Emissions Limitation:

OC emissions shall not exceed 20.4 lbs per hour for each day that photochemically reactive coatings or cleanup materials are not employed.

Applicable Compliance Method:

Compliance shall be determined by the daily values calculated in C.3.f. based on the record keeping specified

in Section C.3.

Emissions Limitation:

OC emissions shall not exceed 7.3 tons per year from all coatings and cleanup material.

Applicable Compliance Method:

Compliance shall be determined by the value recorded in C.4. based on the record keeping as specified in Section C.2 and C.3.

Emissions Limitation:

OC emissions shall not exceed 6.8 pounds of OC per gallon of coating.

Applicable Compliance Method:

Compliance shall be based upon the record keeping as specified in Section C.2 and C.3.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

F. **Miscellaneous Requirements**

1. None