

Facility ID: 0607050185 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

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: 0607050185 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 with filters and ventilation system for painting signs	OAC rule 3745-31-05 PTI # 17-1567	0.8 lb/hr and 0.39 ton/yr maximum organic compound emissions
		0.004 lb/hr and 0.001 ton/yr maximum particulate emissions
	OAC rule 3745-21-07 (G)	less stringent than the above-listed emission limit
	OAC rule 3745-17-11	less stringent than the above-listed emission limit
	OAC rule 3745-17-07	Visible particulate emissions from this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. No painting shall be done outside of the spray booth.
2. The spray booth door shall be closed at any time the spray booth is in operation.
3. The permittee shall employ a dry filter having a design control efficiency for particulates greater than 98%. The permittee shall operate the dry filter system whenever this emissions unit is in operation.
4. The stack height shall not be decreased and shall be maintained at a height sufficient to eliminate ground-level odors.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - 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.
 - f. The average hourly OC emission rate for all coatings and cleanup materials, i.e., (d)/(e), in lbs/hr.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]
2. The permittee shall keep records of and the reasons for, any of the following occurrences.
 - a. Each day any painting is done outside of the spray booth.

- b. Each day the spray booth door was not closed during any operation of the spray booth.
- c. Each day the dry filter system was not in service when the emissions unit was in operation.

D. Reporting Requirements

1. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which include an identification of each day during which:
 - a. the average organic compound emissions from the coatings and cleanup materials exceeded 0.8 lbs/hr, and the actual average organic compound emissions for each such day;
 - b. painting is done outside of the spray booth;
 - c. the spray booth door was not closed during any operation of the spray booth; and
 - d. the dry filter system was not in service when the emissions unit was in operation.
2. The permittee shall also submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation-
0.8 lb OC/hr
Applicable Compliance Method-
Compliance shall be based on the record keeping requirements as specified in term and condition C.1.
If required, testing shall be performed in accordance with OAC rule 3745-21-10.
 - b. Emission Limitation-
0.39 TPY of OC
Applicable Compliance Method-
Compliance shall be based on the record keeping requirements as specified in term and condition C.1 and shall be the sum of the daily emission rates for the calendar year, divided by 2,000.
2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.
3. Compliance with the particulate emission limits shall be determined by the following equations:

$$(\text{lb solids/gal of coatings})(\text{gal of coatings/hr})(\text{control efficiency of booth filter}) = \text{lb pm/hr}$$

$$(\text{lb solids/gal of coatings})(\text{gal of coatings/yr})(\text{control efficiency of booth filter})(0.0005 \text{ ton/lb}) = \text{tons/yr}$$

Neither the hourly nor the annual PM emission limits can be exceeded if a spray booth filter having a design control efficiency for particulates greater than 98% is employed during any operation of the emissions unit.
4. Compliance with the visible emission limit shall be determined in accordance with USEPA Method 9 pursuant to OAC rule 3745-17-03(B)(1).

F. Miscellaneous Requirements

1. None