

Facility ID: 0637010078 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: 0637010078 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>
Paint Room/Booth #1	OAC rule 3745-31-05(A)(3) PTI #06-5376	The mass emission rate shall not exceed 8.3 lbs/hr of volatile organic compound (VOC), excluding cleanup materials.
		The mass emission rate shall not exceed 36.4 TPY of VOC, including cleanup materials.
		Particulate emissions shall not exceed 2.5 TPY PM.
		Compliance with this rule also includes compliance with OAC rule 3748-17-07(A), OAC rule 3748-17-11 and OAC rule 3748-21-09(U).
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-21-09(U)(1)(d)	There shall be no discharge into the ambient air of any VOC from this emissions unit in excess of 3.5 lbs of VOC per gallon of coating, excluding water and exempt solvents.
	OAC rule 3745-17-11	The mass emission rate for PM shall not exceed 0.551 lb/hr.

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content of each coating (excluding water and exempt solvents), as applied.
 - c. The number of gallons of each coating employed.
 - d. The total VOC emission rate for each coating in pounds per day (b * c).
 - e. The total VOC emission rate for all coatings in pounds per day [sum of (d)].
 - f. The hours of operation of the emissions unit.
 - g. The average hourly emission rate (e/f).

2. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
 - a. The name and identification of each cleanup material employed.
 - b. The VOC content of each cleanup material, in pounds per gallon.
 - c. The number of gallons of each cleanup material employed.
 - d. The total VOC emissions from all cleanup materials.
 - e. The total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.
- D. Reporting Requirements**
1. The permittee shall notify the Director (the appropriate Ohio EPA District Office-Southeast District Office) in writing of any daily record showing the following:
 - a. the use of noncomplying coatings (i.e., for VOC content); and
 - b. each hour, during which VOC emission rate exceeded 8.3 lbs/hr.

The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office-Southeast District Office) within 30 days following the end of the calendar month.
 2. The permittee shall also submit annual reports that specify the total VOC and particulate emissions from this emissions unit for the previous calendar year. These reports shall be submitted Ohio EPA District Office-Southeast District Office) by January 31 of each year.
- E. Testing Requirements**
1. Compliance with the emission limitations in section A.1.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:
8.3 lb/hr VOC
Applicable Compliance Method:
Compliance may be demonstrated through the daily recordkeeping of coating usage, organic compound content of each coating, and operating hours per day for this unit. Formulation data or USEPA Method 24 (for coatings) shall be used to determine the organic compound contents of the coatings.
If required, compliance with this emission limitation shall be determined through emission test performed in accordance with 40 CFR Part 60, Appendix A, Methods 1-4 and 25.
Emission Limitation:
36.4 TPY VOC (including cleanup materials)
Applicable Compliance Method:
Compliance shall be determined by the sum of the daily total VOC emissions (see C.2.e).
Formulation data shall be used to determine the organic compound content of the cleanup materials.
Emission Limitation:
2.5 TPY PM
Applicable Compliance Method:
Compliance shall be determined by a one time calculation of potential as follows:
$$E = \text{HER} * 8760 \text{ hr/yr} * 0.0005 \text{ T/lb} = \text{TPY}$$
$$= 0.479 \text{ lb/hr} * 8760 \text{ hr/yr} * 0.0005 \text{ T/lb} = 2.41 \text{ TPY}$$
where:
HER is the hourly emission rate as determined in E.1.f below.
Emission Limitation:
20% opacity, as a 6-minute average
Applicable Compliance Method:
If required, compliance shall be determined in accordance with 40 CFR 60 Appendix A, Method 9 and procedures specified in OAC rule 3745-17-03(B)(1).
Emission Limitation:
3.5 pounds of VOC per gallon
Applicable Compliance Method:
OAC rule 3745-21-10(B). Formulation data or USEPA Method 24 (for coatings) shall be used to determine the organic compound contents of the coatings.
Emission Limitation:
0.551 lb/hr PM

Applicable Compliance Method:

Compliance may be determined by a one time calculation as follows:

(Max. Usage)*(Solids content by weight)*(96% min. efficiency) = lb/hr
i.e. (2.5 gal/hr)*(4.79 lb/gal)*(1-0.96) = 0.479 lb/hr

If required, compliance with this emission limitation shall be determined through emission test performed in accordance with 40 CFR Part 60, Appendix A, Methods 1-5 and procedures specified in OAC rule 3745-17-03 (B)(10).

F. Miscellaneous Requirements

1. None