

Facility ID: 1431403974 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: 1431403974 Emissions Unit ID: K001 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>
Misc. Metal Parts Spray Booth	OAC 3745-31-05 See F.2.	46.15 lbs VOC/Day, 4.03 TPY VOC, and 2.41 TPY PM
	OAC 3745-17-07(A) See F.2.	Visible particulate emissions from any stack shall not exceed 20% percent opacity, as a six-minute average, except as specified by rule.
	OAC 3745-17-11(A) See F.2.	0.551 LB PM/HR
	OAC 3745-21-09(U)(1) See F.2.	Exempt pursuant to OAC 3745-21-09(U)(2)(f)(ii).

2. Additional Terms and Conditions

- (a) The VOC content for each coating employed shall not exceed 5.0 lbs/gal, excluding water and exempt solvents.
The VOC content for each cleanup material employed shall not exceed 6.15 lbs/gal.

B. Operational Restrictions

1. The coating material usage shall not exceed 8 gallons per day and 1306 gallons per year.
2. The cleanup material usage shall not exceed one gallon per day and 250 gallons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:
 - a. the name and identification number of each coating and cleanup material employed,
 - b. the gallons of each coating and cleanup material employed;
 - c. the VOC content of each coating, as applied, and each cleanup material employed, in pounds per gallon;
 - d. the VOC emissions from this emissions unit, i.e., the sum of (b)(c) for all coatings and cleanup materials employed, in pounds;
 - e. the total gallons of all coatings employed; and
 - f. the total gallons of all cleanup materials employed.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record which shows an exceedance of the VOC content limits, the daily VOC emission limit, and/or the daily usage limits. The notification shall include a copy of each such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of the exceedance.
2. The permittee shall also submit annual reports which summarize the annual coating and cleanup material usage and the annual VOC emissions from this emissions unit. These reports shall be submitted by February 15 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. USEPA Methods 24 and 24A shall be used to determine the VOC content for (a) coatings and (b) flexographic and rotogravure printing lines and related coatings, respectively. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
 2. Compliance with the VOC content limits, the daily VOC emission limit, and the daily usage limits shall be demonstrated by the record keeping requirements in section C. of this permit.
 3. Compliance with the emissions limitations outlined in Section A.1. of these terms and conditions shall be demonstrated applying the following equations.
 - a. VOC:
$$\text{actual coating and cleanup usage (gal/day)} \times \text{VOC content (lbs/gal)} = \text{lbs/day.}$$
$$\text{actual coating and cleanup usage (gal/yr)} \times \text{VOC content (lbs/gal)} \times \text{Ton/2000 lbs.} = \text{TPY.}$$
 - b. PM:
$$\text{actual coating usage (gal/day)} \times \text{solids content (lb/lb)} \times \text{solids density (lbs/gal)} \times \text{transfer efficiency (1-0.40)} \times \text{control efficiency (1-0.90)} = \text{lbs/day.}$$
$$\text{actual coating usage (gal/yr)} \times \text{solids content (lb/lb)} \times \text{solids density (lbs/gal)} \times \text{transfer efficiency (1-0.40)} \times \text{control efficiency (1-0.90)} \times \text{Ton/2000 lbs} = \text{TPY.}$$
 4. Compliance with visible emissions limitation in section A.1. of these terms and conditions shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(1).
- F. Miscellaneous Requirements**
1. Prior to employing any coating used in this emissions unit that was not submitted with the Permit to Install (PTI) application, the permittee shall provide written notification to the Hamilton County Dept. of Environmental Services.

Such notification shall include information, in an acceptable form, sufficient to determine that the emissions associated with the proposed change in materials will comply with the Ohio EPA Air Toxic Policy. This notification at a minimum, will include the company identification for the new material to be employed, the solvent constituent composition and hazardous ingredient content (% by weight) of the material, and the density of the material (pounds per gallon).
 2. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 14-4348 as issued on 5-28-97:

Part II, Special Terms and Conditions: A-E.