

Facility ID: 1483040388 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: 1483040388 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>
Crane painting operation	OAC 3745-31-05	See A.2.a
	See F.2.	
	OAC 3745-17-07(B)(1)	See A.2.b.
	See F.2.	
	OAC 3745-17-08(B)	See A.2.c.
	See F.2.	
	OAC 3745-21-09(U)(1)(c)	See A.2.d.
	See F.2.	

2. Additional Terms and Conditions

- (a) The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 359.7 lbs/day and 6.8 TPY.

The particulate matter (PM) emissions from this emissions unit shall not exceed 153.6 lbs/day and 2.7 TPY.

The VOC and PM emission limits are based on the VOC content and usage limits; therefore, compliance with the VOC content and usage limits shall constitute compliance with the VOC and PM emission limits.

The VOC content of each cleanup material employed shall not exceed 6.45 lbs/gallon, as applied, excluding water and exempt solvents.
Fugitive visible particulate emissions shall not exceed 20% opacity, as a three-minute average, except as specified by rule.
The permittee shall employ an enclosure to control fugitive emissions.
The VOC content of each coating (topcoat and primer) shall not exceed 3.5 lbs/gallon, as applied, excluding water and exempt solvents.

B. Operational Restrictions

1. Hourly Coating Usage Limitations
 - a. The permittee shall not employ more than 30 gallons/hour (average) of all topcoats.
 - b. The permittee shall not employ more than 24 gallons/hour (average) of all primers.
2. Daily Coating Usage Limitations
 - a. The permittee shall not employ more than 100 gallons/day of all coatings (top coats and primers).
 - b. The permittee shall not employ more than 1.5 gallons/day of all cleanup materials.
3. Yearly Coating Usage Limitations
 - a. The permittee shall not employ more than 3500 gallons/year of all coatings (topcoats and primers).
 - b. The permittee shall not employ more than 200 gallons/year of all cleanup materials.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. The name and identification number for each topcoat, primer and cleanup material employed.
 - b. The VOC content of each topcoat, primer and cleanup material employed, in pounds per gallon and in pounds per gallon excluding water and exempt solvents.
 - c. The number of gallons of each topcoat, primer and cleanup material employed.
 - d. The number of gallons of all topcoats, all primers and all cleanup materials employed.
 - e. The number of gallons of all coatings (topcoats and primers) employed.
 - f. The number of hours of topcoat application and primer application.
 - g. The application rate of all topcoats and all primers employed, in gallons/hour (average) (d)/(f).
- D. **Reporting Requirements**
 1. The permittee shall notify the Hamilton County Dept. of Environmental Services of any daily record showing any exceedance of the VOC content limits, the hourly usage limits, and/or the daily usage limits. A copy of each such record shall be sent to the Dept. within thirty days after the exceedance occurs.
- E. **Testing Requirements**
 1. USEPA Methods 24 and 24A shall be used to determine the VOC content for each coating employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
 2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of each cleanup materials employed.
 3. Compliance with the fugitive visible emissions limitation shall be demonstrated in accordance with the test method and procedures specified in OAC rule 3745-17-03(B)(3).
 4. Compliance with the VOC content limits, the hourly usage limits, and the daily usage limits shall be demonstrated by the record keeping requirements in C.1.
- F. **Miscellaneous Requirements**
 1. Prior to employing any coating used in this emissions unit that was not identified in 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 14-4238, as issued on February 12, 1997: A, B, C, D, and E.