

Facility ID: 1431371344 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: 1431371344 Emissions Unit ID: K009 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>
surface coating of large appliances; HVLP applicator, dry filter	OAC rule 3745-31-05 (PTI 14-1746)	2.8 pounds of volatile organic compounds ("VOC") per gallon of coating, excluding water and exempt solvents (see A.2.a and A.2.b for exemptions)
	40 CFR 60, Subpart SS	0.90 kilograms of VOC per liter of applied coating solids (see A.2.a for exemption)
	OAC rule 3745-21-09(K)	See A.2.c below.

**2. Additional Terms and Conditions**

- (a) The VOC content of each coating employed in this emissions unit on large appliance parts subject to in-use temperatures in excess of 250 degrees Fahrenheit are not included in VOC limitations. The VOC content of quick-drying lacquers used for the repair of scratches and nicks that occur during assembly are not included in the 2.8 pounds of VOC per gallon of coating VOC limitations, provided that the maximum usage of such lacquers does not exceed 1 quart in any 8-hour period. The emissions limitation required by this applicable rule is equal to the emissions limitation established by best available technology under OAC rule 3745-31-05.

**B. Operational Restrictions**

1. The permittee shall employ no more than 157 gallons of coating per month, excluding water and exempt solvents, in this emissions unit. This monthly limit does not include the gallons of coating employed on large appliance parts subject to in-use temperatures in excess of 250 degrees Fahrenheit.
2. The permittee shall employ no more than 31 gallons of coating on large appliance parts subject to in-use temperatures in excess of 250 degrees Fahrenheit, per month, excluding water and exempt solvents, in this emissions unit.

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each month 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 (this includes any coating subject to the VOC content limit in section A.1 above, and any coating subject to an exemption in section A.2 above);
  - c. the total volume, in gallons, of each coating applied (this does not include coatings exempt in section A.2 above);
  - d. the total volume, in quarts (or liquid ounces), of coatings subject to the exemption in section A.2.b above, for each 8-hour period;
  - e. the total volume, in gallons, of all coatings subject to the exemption in section A.2.a above;
  - f. the volume-weighted average mass of VOCs emitted to the atmosphere for all coating solids not subject to section A.2.a above, as applied, in kilograms per liter; and
  - g. for any coating subject to the exemption in section A.2.a above, documentation of the maximum in-use temperature of the coating.

**D. Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings (for the VOC content limits of 2.8 lbs/gallon of coating and/or .90 kilograms/liter of solids), or of any exceedance of allowable coating usage rates. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

**E. Testing Requirements**

1. Compliance with the emission limitations in sections A.1 and A.2, and the operational restrictions in sections B.1 and B.2, of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
  
2.8 pounds of VOC per gallon of coating  
  
Applicable Compliance Method:  
  
Compliance with this VOC emission limitation shall be demonstrated by U.S. Environmental Protection Agency Method 24.  
Emission Limitation:  
  
0.90 kilogram VOC per liter of applied coating solids  
  
Applicable Compliance Method:  
  
Compliance with this VOC emission limitation shall be demonstrated with procedures presented in 40 CFR Part 60.453(b)(1)(i).  
Emissions Limitation:  
  
1 quart quick-drying lacquers application per 8-hour period  
  
157 gallons of gallons per month of coatings  
  
31 gallons per month of coatings for large appliance parts subject to in-use temperatures in excess of 250 degrees Fahrenheit.  
  
Applicable Compliance Method:  
  
Compliance with the 8-hour and monthly usage limitations shall be demonstrated based upon the record keeping requirements in section C.1 above.

**F. Miscellaneous Requirements**

None