

Facility ID: 1431434062 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: 1431434062 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>
wood parts spray paint booth	OAC rule 3745-31-05(A)(3) (PTI 14-04896)	6.0 lbs/hr* of organic compound (OC); 1.88 tons per year (TPY) of OC, from coatings only; 1.93 TPY of OC, including emissions from cleanup materials
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).
		See term and condition A.2.a, A.2.b and B.1 below.
		* The hourly emission limitation above is based upon the emissions unit's potential to emit. Therefore, no hourly records and reports are required to demonstrate compliance with this limit.
	OAC rule 3745-21-07(G)(2)	The hourly OC emission limitation established in this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
		40 lbs/day of OC emissions from (1) coatings on any day when any coating containing any photochemically reactive material ("PRM"), as defined in OAC rule 3745-21-01(C)(5), is employed (2) coatings and cleanup materials on any day when any coating and cleanup material containing any PRM is employed, and (3) coatings and cleanup materials on any day when any cleanup material containing any PRM is employed.

2. **Additional Terms and Conditions**
  - (a) The OC content, as applied, of each coating (stain, polyurethane, primer and paint) employed in this emissions unit shall not exceed 3.0 pounds of OC per gallon of coating.  
The OC content of each cleanup material employed in this emissions unit shall not exceed 8.34 pounds of OC per gallon of cleanup material.

**B. Operational Restrictions**

1. The maximum annual coating (stain, polyurethane, primer and paint) and cleanup material usage for this emissions unit shall not exceed 1,256 gallons for coatings and 10 gallons for cleanup materials.

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

1. The permittee shall collect and record the following information each day when any coating, coating and cleanup material, or cleanup material containing any PRM, as defined in OAC rule 3745-21-01(C)(5), is employed in this emissions unit:
  - a. the company identification for each coating (stain, polyurethane, primer and paint) and photochemically reactive cleanup material employed;

- b. the number of gallons of each coating employed (stain, polyurethane, primer and paint) employed;
  - c. the number of gallons of each photochemically reactive cleanup material employed;
  - d. the OC content of each coating (stain, polyurethane, primer and paint), in pounds per gallon, as applied;
  - e. the OC content of each photochemically reactive cleanup material, in pounds per gallon, as applied;
  - f. the total OC emissions, in pounds, for all coatings (stain, polyurethane, primer and paint) [the summation of (b x d) for each coating];
  - g. the total OC emissions, in pounds, for all photochemically reactive cleanup materials [the summation of (c x e) for each cleanup material]; and
  - h. the total OC emissions, in pounds, for all coatings (stain, polyurethane, primer and paint) and photochemically reactive cleanup materials, in pounds [the summation of (f + g)].
2. The permittee shall collect and record the following information each month for this emissions unit:
- a. the company identification for each coating (stain, polyurethane, primer, and paint) and cleanup material employed;
  - b. the number of gallons of each cleanup material employed;
  - c. the number of gallons of each coating employed;
  - d. the OC content of each cleanup material employed, in pounds per gallon, as applied;
  - e. the OC content of each coating employed, in pounds per gallon, as applied;
  - f. the total OC emissions, in pounds, from all cleanup materials employed [the summation of (b x d) for each cleanup material];
  - g. the total OC emissions, in pounds, from all coatings employed [the summation of (c x e) for each coating]; and
  - h. the total OC emissions, in pounds, from all cleanup materials and coatings employed [the summation of (f + g)].
3. The permittee shall calculate and record the following information each calendar year for this emissions unit:
- a. the total amount of coatings employed, in gallons (the summation of C.2.c for the calendar year);
  - b. the total amount of cleanup materials employed, in gallons (the summation of C.2.b for the calendar year);
  - c. the total OC emissions, in tons, from all coatings (the summation of C.2.g for the calendar year divided by 2,000); and
  - d. the total OC emissions, in tons, from all coatings and cleanup materials (the summation of C.2.h for the calendar year divided by 2,000).
- D. Reporting Requirements**
- 1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing an exceedance of the daily OC emission limitation of 40 pounds per day, and the actual OC emissions for each such day. 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.
  - 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily or monthly record showing the use of noncomplying coatings and/or cleanup materials (i.e., for OC content). 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 during which the use of noncomplying coatings and/or cleanup materials occurred.
  - 3. The permittee shall submit annual reports that summarize the annual coating and cleanup material usages (in gallons). These reports shall be submitted by January 31 of each year and cover the previous calendar year.
- E. Testing Requirements**
- 1. Compliance with the hourly emission limitation, daily emission limitation, annual emission limitations and OC content limitations, and usage restrictions shall be determined as follows:
    - a. OC Emission Limitation: 6.0 lbs/hr of OC

Applicable Compliance Method: Compliance has been demonstrated by multiplying the maximum hourly coating usage rate of 2 gallons/hour (worst case coating; polyurethane) by the maximum OC content of 3.0 lbs/gallon.

    - b. OC Emission Limitation: 40.0 lbs/day of OC, from coatings and cleanup materials

Applicable Compliance Method: Compliance shall be determined by the record keeping performed pursuant to Section C.1.

    - c. OC Emission Limitation: 1.88 TPY of OC from coatings only

Applicable Compliance Method: Compliance with the annual OC emission limitation for coatings is ensured if compliance is maintained with the OC content and material usage limitations for coatings.

d. OC Emission Limitation: 1.93 TPY of OC, from coatings and cleanup materials

Applicable Compliance Method: Compliance with the annual OC emission limitation for coatings and cleanup materials is ensured if compliance is maintained with the OC content and material usage limitations for coatings and cleanup materials.

e. Material Usage Limitations: 1,256 gallons/year for coatings (stain, polyurethane, primer and paint); 10 gallons/year for cleanup materials

Applicable Compliance Method: Compliance with the material usage limitations shall be determined by the record keeping performed pursuant to Section C.3.

f. OC Content Limitations: 3.0 pounds of OC per gallon of coating (stain, polyurethane, primer and paint); 8.34 pounds of OC per gallon of cleanup material

Applicable Compliance Method: Compliance shall be determined by the record keeping performed pursuant to Sections C.1 and C.2. Formulation data or U.S. EPA Method 24 or 24A shall be used to determine the OC content for any coating or cleanup material employed in this emissions unit.

**F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with Ohio EPA's "Air Toxics Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound is less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.