

Facility ID: 1409040657 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: 1409040657 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>
K001 - Miscellaneous Metal Parts Spray Booth	OAC rule 3745-31-05(A)(3) (PTI 14-01916)	<p>Volatile organic compound (VOC) emissions shall not exceed 1.2 pounds per hour* and 35 pounds per day from coatings.</p> <p>*The hourly emission limitation above is based upon the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with the emission limitation.</p> <p>Volatile organic compound (VOC) emissions shall not exceed 5.4 tons per year (TPY) from both coatings and cleanup materials.</p> <p>See terms and conditions A.2.a, A.2.b, B.1, and B.2.</p> <p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>

**2. Additional Terms and Conditions**

- (a) The VOC content of coatings employed in this emissions unit shall not exceed 3.5 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.  
The VOC content of each cleanup material employed in this emissions unit shall not exceed 6.59 pounds of VOC per gallon.

**B. Operational Restrictions**

1. The maximum coating usage for this emissions unit, excluding water and exempt solvents, shall not exceed the following:
  - a. 0.33 gallons per hour\*;
  - b. 10 gallons per day; and
  - c. 2,920 gallons per year.

\*The hourly operating restriction above is based upon the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with the hourly operational restriction.
2. The maximum annual cleanup solvent use shall not exceed 91.3 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 employed;
  - b. the VOC content (excluding water and exempt solvents) of each coating, as applied, in pounds per gallon;

- c. the number of gallons (excluding water and exempt solvents) of each coating, as applied; and
  - d. the daily VOC emissions from all the coatings employed, in pounds, [i.e., the sum of (b) times (c) for each coating employed].
- 2. The permittee shall collect and record the following information annually for the purpose of determining annual VOC emissions:
  - a. the name and identification of each solvent used for cleanup;
  - b. the VOC content of each solvent used for cleanup, in pounds per gallon;
  - c. the number of gallons of each solvent used for cleanup;
  - d. the VOC content (excluding water and exempt solvents) of each coating, as applied, in pounds per gallons;
  - e. the number of gallons (excluding water and exempt solvents) of each coating employed; and
  - f. the total VOC emissions from all coatings and cleanup solvents employed, in tons, [i.e., the sum of (b) times (c) for each cleanup solvent employed added to the sum of (d) times (e) for each coating employed].
- D. **Reporting Requirements**
  - 1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing a coating VOC content greater than 3.5 pounds VOC per gallon, as applied, excluding water and exempt solvents. 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 in which the use of noncomplying coatings was recorded.
- E. **Testing Requirements**
  - 1. Compliance with the emission limitations specified in Section A of these terms and conditions shall be determined in accordance with the following methods:
 

Emission Limitation:

The VOC content of the coatings employed shall not exceed 3.5 pounds per gallon, as applied, excluding water and exempt solvents.

Applicable Compliance Method:

USEPA methods 24 and 24A shall be used to determine the VOC content for coatings. If, pursuant 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A 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 or 24A.

US EPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

Emission Limitation:

Volatile organic compound (VOC) emissions shall not exceed 1.2 pounds per hour\* and 35 pounds per day from coatings.

Applicable Compliance Method:

The hourly VOC emissions rate is based upon the emissions unit's potential to emit. The potential to emit was calculated by: (maximum spray coating application rate of 0.33 gallons per hour) x (3.5 lbs of VOC per gallon of coating).

Compliance with the daily emission limitation shall based upon the equations and record keeping specified in Section C.1. The daily emissions limitation was calculated by: (allowable spray coating application rate of 10 gallons per day) x (3.5 lbs of VOC per gallon of coating).

Emission Limitation:

Volatile organic compound (VOC) emissions shall not exceed 5.4 tons per year (TPY) from both coatings and cleanup materials.

Applicable Compliance Method:

Compliance with the annual emission limitation shall based upon the record keeping specified in Section C.2. The annual emissions limitation was calculated by: [(allowable spray coating application rate of 2920 gallons per year) x (3.5 lbs of VOC per gallon of coating) + (allowable cleanup solvent usage rate of 91.3 gallons per year) x (6.59 lbs of VOC per gallon of cleanup solvent)] / 2000 lbs per ton.
- F. **Miscellaneous Requirements**
  - 1. None