

Facility ID: 1409070634 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: 1409070634 Emissions Unit ID: K002 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>
K002-Metal parts spray booth	OAC 3745-31-05(A)(3) (PTI 14-2012)	<p>Volatile Organic Compound (VOC) emissions shall not exceed 10.5 pounds per hour as a daily average from coatings and 9.92 tons per year from both coatings and cleanup materials.</p> <p>The requirements of this rule also include compliance with the requirements of OAC 3745-21-09(U)(1).</p> <p>See terms A.2.a and A.2.b. See Sections B.1 and B.2.</p>
	OAC rule 3745-21-09(U)(1)	See term A.2.a.
	OAC rule 3745-31-05(C)	See term A.2.c.

2. Additional Terms and Conditions

- (a) The VOC content of the coatings employed shall not exceed a daily volume-weighted average of 3.5 lbs per gallon, as applied, excluding water and exempt solvents. The VOC content of each cleanup material employed in this emissions unit shall not exceed 7.06 pounds of VOC per gallon of cleanup material, as applied. The total usage of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units K001, K002, K003, K004, and K005 and any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units shall not exceed 9.9 TPY* for any single HAP, as a rolling, 12-month summation, and 24.9 TPY* for any combination of HAPs, as a rolling, 12-month summation.

* This assumes the amount of HAPs used is equivalent to the amount of HAPs that will evaporate and be emitted.

B. Operational Restrictions

1. The maximum coating usage for this emissions unit, as applied, excluding water and exempt solvents shall not exceed 3 gallons per hour and 3650 gallons per year.
2. The maximum cleanup material usage in this emissions unit shall not exceed 1000 gallons per year, as applied.

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.
 - c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - d. The daily VOC emissions from all the coatings employed, in pounds, [i.e., the sum of (b) times (c) for each coating employed].
 - e. The daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with

the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC.2.

- f. The total number of hours this emissions unit was in operation.
- g. The average hourly VOC emissions from all coatings employed, in pounds [i.e., the quotient of (d) divided by (f)].

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

These records shall be summarized at the end of the year.

- 2. The permittee shall collect and record the following information each day for this emissions unit:
 - a. The name and identification number of each cleanup material employed.
 - b. The VOC content (excluding water and exempt solvents) of each cleanup material employed, as applied.
 - c. The number of gallons (excluding water and exempt solvents) of each cleanup material employed, as applied.
 - d. The daily VOC emissions from all the cleanup material employed, in pounds, [i.e., the sum of (b) times (c) for each cleanup material employed].

These records shall be summarized at the end of the year.

- 3. The permittee shall calculate and record the following information on an annual basis:
 - a. the total VOC emissions from all coatings and cleanup materials employed in this emissions unit.
 - b. the total volume of all coatings (minus water and exempt solvents) and all cleanup materials (excluding water and exempt solvents) employed, in gallons.
- 4. The permittee shall collect and record the following information each month for the emissions units identified in term and condition A.2.c:
 - a. The name and identification number of each coating employed;
 - b. The individual HAP* content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
 - c. The total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied [sum all the individual HAP contents from (b)];
 - d. The number of gallons of each coating employed;
 - e. The name and identification number of each cleanup material employed;
 - f. The individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
 - g. The total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied [sum all the individual HAP contents from (f)];
 - h. The number of gallons of each cleanup material employed;
 - i. The total individual HAP usage** for each HAP from all coatings and cleanup materials employed, in pounds or tons [for each HAP, the sum of (b) times (d) for all coatings plus the sum of (f) times (h) for all cleanup materials, and divided by 2,000 pounds per ton if the units are in tons];
 - j. The total combined HAP usage** from all coatings and cleanup materials employed, in pounds or tons [(the sum of (c) times (d) for all coatings plus the sum of (g) times (h) for all cleanup materials, and divided by 2,000 pounds per ton if the units are in tons];
 - k. The updated rolling, 12-month summation of usage for each individual HAP**, in tons (this shall include the information for the current month and the preceding eleven calendar months); and
 - l. The updated rolling, 12-month summation of usage for the total combined HAPs**, in tons. This shall include the information for the current month and the preceding eleven calendar months.

* A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Hamilton County Department of Environmental Services contact. This information does not have to be kept on a line-by-line basis.

** This assumes the amount of HAPs used is equivalent to the amount of HAPs that will evaporate and be emitted.

D. Reporting Requirements

- 1. The permittee shall notify the Director (appropriate District Office or local air agency) in writing of each daily record showing a daily volume-weighted average 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 Director (appropriate District Office or local air agency) within 30 days after the exceedance occurs.
- 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing that the hourly VOC emissions limitation for all coatings has been exceeded. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.

3. The permittee shall submit deviation reports which identify any exceedance(s) of the hourly restriction on coating usage, pursuant to Section B.1 of this permit.
 4. The permittee shall submit deviation reports which identify any exceedance(s) of the VOC content limitation on cleanup materials employed in this emission unit, pursuant to term A.2.b of this permit. The notification shall include a copy of the record(s) documenting the exceedance.
 5. The permittee shall submit annual deviation (excursion) reports which identify any exceedance(s) of the annual VOC emission limitation for all coatings and cleanup materials, pursuant to Section A.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services by January 31 of each year, when required, and shall reflect emissions during the previous calendar year.
 6. The permittee shall submit annual deviation reports which identify any exceedance(s) of the annual restrictions on coating and cleanup material usage, pursuant to Sections B.1 - B.2 of this permit. The notifications shall include a copy of such records and shall be sent to the Hamilton County Department of Environmental Services by January 31 of each year and shall reflect usage during the previous calendar year.
 7. The permittee shall submit deviation reports which identify any exceedance of the HAP emission limitations set forth in term A.2.c. If no exceedances occurred, the permittee shall state so in the report.
 8. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
- E. Testing Requirements**
1. Compliance with the emission limitations in Section A of these terms and conditions shall be demonstrated in accordance with the following methods:
Emission Limitation:

Volatile Organic Compound (VOC) emissions shall not exceed 10.5 pounds per hour as a daily average from coatings and 9.92 tons per year from both coatings and cleanup materials.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements of sections C.1, C.2 and C.3.
VOC Content Limitation:

The VOC content of the coatings employed shall not exceed a daily volume-weighted average of 3.5 lbs per gallon, as applied, excluding water and exempt solvents.

The VOC content of each cleanup material employed in this emissions unit shall not exceed 7.06 pounds of VOC per gallon of cleanup material, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements of sections C.1 and C.2.
 2. Usage Limitation:

The maximum coating usage of this emissions unit, as applied, excluding water and exempt solvents shall not exceed 3 gallons per hour and 3650 gallons per year.

The maximum cleanup material usage in this emissions unit shall not exceed 1000 gallons per year, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated thru record keeping requirements of Sections C.1 and C.2.
 3. USEPA methods 24 and 24A shall be used to determine the VOC content for coatings and cleanup materials. If pursuant to 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or cleanup material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or cleanup material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
- F. Miscellaneous Requirements**
1. None