

Facility ID: 1431403173 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: 1431403173 Emissions Unit ID: K004 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>
misc. metal parts spray painting	OAC rule 3745-31-05 (PTI 14-3302)	70.7 lbs/day of volatile organic compounds ("VOC") from coating materials 1.77 tons per year ("tpy") of VOC from coating materials 84.7 lbs/day of total VOC 2.12 tpy of total VOC See A.2a and A.2.b below. See A.2.c below.
	OAC rule 3745-21-09(U)	

2. **Additional Terms and Conditions**
 - (a) The VOC content of each coating employed in this emissions unit, excluding water and exempt solvents, as applied, shall not exceed 7.07 lbs/gallon.
The VOC content of the cleanup materials employed in this emissions unit, excluding water and exempt solvents, as applied, shall not exceed 7.00 lbs/gallon.
This emissions unit is exempt from the emission limitations requirements of this rule in accordance with OAC rule 3745-21-09(U)(2)(f). Emission limitations have been established pursuant to the best available technology requirements under OAC rule 3745-31-05.

B. Operational Restrictions

1. The permittee shall employ no more than 10 gallons per calendar day of coatings with a VOC content of greater than 3.5 lbs/gallon.
The permittee shall employ no more than 20 gallons per calendar day of coatings with a VOC content of less than 3.5 lbs/gallon.
The permittee shall employ no more than 650 gallons of coating as a rolling, 12-month summation of gallons of coatings employed each month.
1. The permittee shall employ no more than 2 gallons of cleanup materials per calendar day.
The permittee shall employ no more than 100 gallons of cleanup materials per calendar year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:
 - a. the name and identification number of each coating employed;
 - b. the number of gallons, and the number of gallons excluding water and exempt solvents, of each coating employed;
 - c. the total number of gallons, and the total number of gallons excluding water and exempt solvents, of all the coatings with a VOC content less than 3.5 lbs/gallon employed;
 - d. the total number of gallons, and the total number of gallons excluding water and exempt solvents, of all the coatings with a VOC content equal to or greater than 3.5 lbs/gallon employed;

- e. the total number of gallons of all the coatings employed;
 - f. the VOC content of each coating (excluding water and exempt solvents), as applied, in pounds per gallon;
 - g. the name and identification of each cleanup material employed;
 - h. the number of gallons, and the number of gallons excluding water and exempt solvents, of each cleanup material employed;
 - i. the VOC content of each cleanup material (excluding water and exempt solvents), in pounds per gallon;
 - j. the total VOC emissions from all coatings, in pounds;
 - k. the total VOC emissions from all cleanup materials, in pounds; and
 - l. the total VOC emissions from all coatings and cleanup materials combined, in pounds.
2. The permittee shall maintain monthly records of the number of gallons of all coatings employed during the preceding 12-month period.

D. Reporting Requirements

- 1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating and/or cleanup material usage limits. 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.
- 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing that the VOC emissions were greater than or equal to the applicable pounds per day limitations for coatings, and for coatings and cleanup materials combined. The notification shall include a copy of such record and shall be sent to Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
- 3. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing the use of noncomplying coatings and/or cleanup materials (for VOC 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.
- 4. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the coating line employed more than the applicable maximum rolling, 12-month coating usage limit. 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.
- 5. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which specify the total VOC emissions from coatings, the total VOC emissions from cleanup materials, and the sum of the total VOC emissions from coatings and cleanup materials, from this emissions unit for the previous calendar year, in tons. The report shall also include the total gallons of coatings, and total gallons of cleanup materials, used for the previous calendar year. These reports shall be submitted to the Hamilton County Department of Environmental Services by January 31 of each year.

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:

7.07 lbs of VOC per gallon of coating
7.0 lbs of VOC per gallon of cleanup material

Applicable Compliance Method:

Compliance with these VOC emission limitations shall be demonstrated using U.S. Environmental Protection Agency Method 24.
Emission Limitation:

70.7 lbs/day of VOC from coatings only
84.7 lbs/day of total VOC from coatings combined with cleanup materials

Applicable Compliance Method:

Compliance with these VOC emission limitations shall be demonstrated based upon the record keeping requirements in section C.1 of this permit.
Emission Limitation:

1.77 tpy of VOC from coatings
2.12 tpy of VOC from coatings and cleanup materials combined

Applicable Compliance Method:

Compliance with these VOC emission limitations shall be demonstrated based upon the record keeping requirements in section C.1 of this permit. The total VOC emissions from all coatings, in pounds, for all days during the calendar year shall be totalled and then divided by 2000 lbs/ton. The total VOC emissions from all coatings shall be combined with the VOC emissions from all cleanup materials, in pounds, for all days during the calendar year shall be totalled and then divided by 2000 lbs/ton.
Emission Limitation:

20 gallons per day of coatings with a VOC content of 3.5 lbs/gallon or less

10 gallons per day of coatings with a VOC content between 3.5 and 7.07 lbs/gallon
2 gallons per day of cleanup materials

Applicable Compliance Method:

Compliance with the daily usage limitations shall be demonstrated based upon the record keeping requirements in section C.1 of this permit.

Emission Limitation:

650 gallons of coatings used rolling 12-month period
100 gallons of cleanup material used per calendar year

Applicable Compliance Method:

Compliance with the rolling 12-month and calendar year usage limitations shall be demonstrated based upon the record keeping requirements in sections C.2 and C.1 of this permit, respectively.

F. **Miscellaneous Requirements**

None