

Facility ID: 1431483908 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: 1431483908 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>
paint booth for miscellaneous metal parts	OAC rule 3745-31-05 (PTI 14-4027)	56.05 lbs/day of volatile organic compounds (VOC) 5.56 tons per year (TPY) of VOC See terms and conditions A.2.a and A.2.b below. 0.17 lb/hr* of particulate emissions (PE) 0.17 lb/hr* of particulate matter with a diameter of 10 microns or less (PM10) 0.13 TPY of PE 0.13 TPY of PM10 * This emissions unit's potential to emit is less than the allowable emission limitation in OAC rule 3745-17-11. Therefore, no hourly records are required to demonstrate compliance with these limits.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from this emissions unit shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1)	The particulate emission limitation established by this rule is less stringent than the limitation established by OAC rule 3745-31-05 (BAT).
	OAC rule 3745-21-09(U)(1)	Exempt, pursuant to the provisions in OAC rule 3745-21-09(U)(2)(f).

2. **Additional Terms and Conditions**
 - (a) The VOC content of each coating employed shall not exceed 6.1 lbs/gallon, as applied, excluding water and exempt solvents.
The VOC content of each cleanup material employed shall not exceed 7.25 lbs/gallon.

B. Operational Restrictions

1. The maximum coating material usage shall not exceed 8.0 gallons per day and 1,500 gallons per year, excluding water and exempt solvents.
2. The maximum cleanup material usage shall not exceed 1.0 gallon per day and 270 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 and cleanup material, as applied;
 - b. the VOC content of each coating, as applied, in pounds per gallon, excluding water and exempt solvents;
 - c. the VOC content of each cleanup material, in pounds per gallon;
 - d. the number of gallons of each coating employed, excluding water and exempt solvents;

- e. the number of gallons of each cleanup material employed;
 - f. the total VOC emissions from all coatings and cleanup materials, in pounds {the summation of [(b x d) for all coatings + (c x e) for all cleanup materials]}; and
 - g. the total number of gallons of all coatings employed (summation of (d) for all coatings) and the total number of gallons of all cleanup materials employed (summation of (e) for all cleanup materials).
2. The permittee shall collect and record the following information each calendar year for this emissions unit:
- a. the total number of gallons of all coatings employed (summation of C.1.g for all coatings);
 - b. the total number of gallons of all cleanup materials employed (summation of C.1.g for all cleanup materials); and
 - c. the total VOC emissions from all coatings and cleanup materials, in tons (summation of C.1.f for the calendar year and divided by 2,000 lbs/ton).
- D. Reporting Requirements**
1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing the use of noncomplying coatings or cleanup materials (i.e., for VOC content). In addition, the permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the daily usage limitation for coatings and cleanup materials. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days of the time the exceedance occurred.
2. The permittee shall submit annual reports that summarize the number of gallons of coating and cleanup materials used and the total VOC emissions for the calendar year. The reports shall be submitted by February 15th and shall cover the previous calendar year.
- E. Testing Requirements**
1. Compliance with the VOC emission limitations, VOC content limitations, PE and PM10 emission limitations, visible particulate emission limitation, and material usage limitations shall be determined in accordance with the following methods:
- Emission Limitation: 56.05 lbs/day of VOC
- Applicable Compliance Method: Compliance with the daily VOC emission limitation shall be determined by the record keeping performed pursuant to Section C.1. In addition, compliance with the daily VOC emission limitation is ensured if compliance is maintained with the VOC content and daily material usage limitations.
- Emission Limitation: 5.56 TPY of VOC
- Applicable Compliance Method: Compliance shall be based upon the record keeping requirements performed pursuant to Section C.1. In addition, compliance with the annual VOC emission limitation is ensured if compliance is maintained with the annual usage limitations and VOC content limitations for coatings and cleanup materials.
- Emission Limitations: 0.17 lb/hr of PE/PM10
- Applicable Compliance Method: Compliance with the hourly PE/PM10 limitation has been determined by multiplying the maximum coating usage rate of 1 gal/hr by the maximum coating solids content of 8.5 lbs of PE/PM10/gallon and by one minus the fractional control efficiency (0.98) of the control device.
- Emission Limitations: 0.13 TPY of PE/PM10
- Applicable Compliance Method: Compliance with the annual PE/PM10 limitation shall be determined multiplying the total annual coating usage (1,500 gallons per year maximum) by the maximum coating solids content of 8.5 lbs of PE/PM10/gallon and by one minus the fractional control efficiency of (0.98) of the control device and divided by 2000 lbs/ton.
- Visible Particulate Emission Limitation: Not to exceed 20 percent opacity, as a six-minute average, except as specified by rule.
- Applicable Compliance Method: Compliance with the visible particulate limitation shall be determined by the method specified in 40 CFR, Part 60, Appendix A, Method 9 pursuant to OAC rule 3745-17-03(B)(1).
- Usage Limitations: 8 gallons/day and 1,500 gallons/year for coatings;
1 gallon/day and 270 gallons/year for cleanup materials
- Applicable Compliance Method: Compliance with the daily and annual material usage limitations for coating and cleanup materials shall be based upon the record keeping requirements as specified in Section C.1 and C.2.
- VOC Content Limitations: 6.1 lbs/gallon for coatings, excluding water and exempt solvents; 7.25 lbs/gallon for cleanup materials
- Applicable Compliance Method: Compliance with the VOC content limitations for coatings and cleanup materials shall be based upon the record keeping performed pursuant to Section C.1. Formulation data or U.S. EPA Method 24 shall be used to determine the VOC content of any coating or cleanup material.
- F. Miscellaneous Requirements**
1. None