

Facility ID: 1431403268 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: 1431403268 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>
miscellaneous metal parts paint spray booth	OAC rule 3745-31-05(A)(3) (PTI 14-1146)	6.46 tons per year (TPY) of volatile organic compound (VOC) from coatings and cleanup materials combined.
		See Sections A.2.b and A.2.c below.
	OAC rule 3745-21-09(U)(2)(f)	See Section A.2.a below.

2. **Additional Terms and Conditions**
 - (a) Pursuant to OAC rule 3745-21-09(U)(2)(f), the Director has determined that "best available technology" for this emissions unit, as defined in PTI #14-1146, is a control requirement or emission limitation that is either less stringent than or inconsistent with the requirements of paragraph (U)(1) of OAC rule 3745-21-09. Specifically, the VOC content limitation in the PTI for coatings is less stringent than the applicable VOC content limitation in paragraph (U)(1) of OAC rule 3745-21-09. The VOC content, as applied, of each coating shall not exceed 5.0 pounds of VOC per gallon, excluding water and exempt solvents (based upon a monthly, volume-weighted average). The coating material usage shall not exceed 10 gallons per day, excluding water and exempt solvents.

B. Operational Restrictions

1. The coating material usage shall not exceed 1,900 gallons per year, as applied, excluding water and exempt solvents.
2. The cleanup material usage shall not exceed 500 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, as applied;
 - b. the VOC content of each coating, as applied, in pounds per gallon, excluding water and exempt solvents;
 - c. the number of gallons of each coating, as applied, excluding water and exempt solvents; and
 - d. the number of gallons of all coatings, as applied, excluding water and exempt solvents (summation of (c) for all coatings employed).
2. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification of each cleanup material employed;
 - b. the number of gallons of each cleanup material employed;
 - c. the number of gallons of all cleanup materials employed (summation of (b) for all days of the calendar month);
 - d. the VOC content of each cleanup material employed, in pounds per gallon;
 - e. the total number of gallons of all coatings employed, excluding water and exempt solvents (summation of C.1.c for all days of the calendar month);

f. the monthly, volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC2; and

g. the total VOC emissions for the calendar month from all coatings and cleanup materials employed, in pounds [summation of (C.1.b x C.1.c) plus the summation of (C.2.b x C.2.d)].

3. The permittee shall collect and record the following information for the purpose of determining the annual VOC emissions and the annual coating and cleanup material usages:
 - a. the total number of gallons of all coatings employed, excluding water and exempt solvents (summation of C.2.e for all months of the calendar year);
 - b. the total number of gallons of all cleanup materials employed (summation of C.2.c for all months during the calendar year); and
 - c. the total VOC emissions, in tons, from all coatings and cleanup materials employed (summation of C.2.g for all months during 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 any exceedance of the daily coating usage restriction. 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 monthly record showing an exceedance of the monthly, volume-weighted average VOC content for coatings. 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 annual reports to the Hamilton County Department of Environmental Services that summarize the total annual coating and cleanup material usages, in gallons, for the calendar year. The reports shall be submitted by January 31 of each year and cover the previous calendar year.

E. Testing Requirements

1. Compliance with the VOC emission limitation, VOC content limitation and material usage restrictions shall be determined in accordance with the following methods:

VOC Emission Limitation: 6.46 TPY of VOC emissions

Applicable Compliance Method: Compliance with the annual VOC emission limitation shall be determined by the record keeping requirements specified in Section C.3.

VOC Content Limitation: 5.0 pounds of VOC/gallon of coating, excluding water and exempt solvents (based upon a monthly, volume-weighted average)

Applicable Compliance Method: Compliance with the VOC content limitation shall be determined by the record keeping requirements specified in Section C.2. If, pursuant to Section 4.3 of Method 24, 40 CFR, Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the U.S. EPA and shall use formulation data for that coating or ink to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A. Formulation data or U.S. EPA Method 24 shall be used to determine the VOC content of any cleanup material.

Material Usage Restrictions: 1,900 gallons/year for coatings, excluding water and exempt solvents; 500 gallons/year for cleanup materials

Applicable Compliance Method: Compliance with the annual material usage restrictions shall be determined by the record keeping requirements specified in Section C.3.

F. Miscellaneous Requirements

1. None