

Facility ID: 1677120054 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: 1677120054 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 No. 1, with corrugated filter	OAC rule 3745-31-05 (PTI 16-1067)	2.4 lbs/hr volatile organic compounds (VOC)

2. Additional Terms and Conditions

- (a) Pursuant to OAC rule 3745-21-09(U)(2)(e), and based on the coating usage restriction in section B.1 of these terms and conditions, this emissions unit is exempt from the requirements of OAC rule 3745-21-09.

B. Operational Restrictions

1. The total daily coating usage for this emissions unit shall not exceed 3.0 gallons.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records of the total coating usage in this emissions unit, in gallons.
2. The permittee shall collect and record the following information for each month for the coating operation:
 - a. the company identification for each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed;

D. Reporting Requirements

1. The permittee shall submit annual reports which identify any exceedances of the daily coating usage limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
2. The permittee shall submit deviation (excursion) reports which include an identification of each month during which the average hourly VOC emissions exceeded 2.4 pounds per hour, and the actual average hourly VOC emission rate for each such month.

E. Testing Requirements

1. Compliance with the emission limitations in Section A of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:
2.4 lbs/hr VOC

Applicable Compliance Method:
The permittee shall demonstrate compliance with the above limit based upon the record keeping requirement of section C.2.f of these terms and conditions.

Method 24 or 24A of 40 CFR Part 60, Appendix A, shall be used to determine the VOC content of the coatings. If pursuant to section 4.3 of method 24, an owner or operator determines that method 24 cannot be used for a particular coating, the owner or operator shall 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.

If formulation data supplied by the manufacturer(s) for the coatings employed in this emission unit is determined to be representative or overestimates VOC content for all coating samples, based on comparison to method 24

testing, then formulation data may be used in lieu of on-going method 24 analyses. In no case shall formulation data be used which reports lower VOC content than method 24 analysis.

Emission Limitation:

20 percent opacity as a 6-minute average

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance through visible emissions observations, performed in accordance with method 9 of 40 CFR Part 60, Appendix A, and the procedures specified in OAC rule 3745-17-03(B)(1).

Emission Limitation:

0.551 lbs per hr particulate matter

Applicable Compliance Method:

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = (M) \times (1 - TE) \times (1 - CE)$$

where

E = particulate matter emission rate (lbs/hr)

M = maximum coating solids usage rate (lbs/hr, from section C.2.g)

TE = transfer efficiency of the coating equipment (0.35 for spray guns)

CE = control efficiency of air pollution control equipment (0.97 for the corrugated filter)

If required, the permittee shall demonstrate compliance through stack testing, in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A, and the procedures specified in OAC rule 3745-17-03(B)(10).

F. **Miscellaneous Requirements**

1. None