

Facility ID: 0605010103 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: 0605010103 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>
K001 - Metal parts coating line consisting of front and back spray booths utilizing either Electrostatic or High Volume Low Pressure (HVLP) spray guns.	OAC rule 3745-31-05(A)(3)	Emissions of volatile organic compounds (VOC) from the coating operation shall not exceed 3.85 lbs/hr; 16.9 TPY.
	OAC rule 3745-21-09(U)(1)(d)	Visible emissions shall not exceed 10% opacity as a six-minute average.
	OAC rule 3745-17-11(B)(1)	3.5 lbs of VOC per gallon of coating, excluding water and exempt solvents.
	OAC rule 3745-17-07(A)	Particulate emissions (PE) shall not exceed 0.551 lb/hr; 2.4 TPY. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The best available control technology for the control of PE from this source is to employ a dry filter media system. The dry filter media system shall be employed at all times when the emission unit is in operation.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for materials used in the emissions unit:
 - a. The company identification of each coating and cleanup material employed;
 - b. the total number of gallons, or pounds of each coating and cleanup material employed;
 - c. the VOC content of each coating (excluding water and exempt solvents), and cleanup material, in pounds per gallon, and;
 - d. the total VOC emission rate in pounds (the sum of b. times c. for all coatings and cleanup material employed).

Note: The cleanup materials employed by this emissions unit are captured and shipped off-site for reclamation. Therefore, for the purpose of tracking emissions, the number of gallons of cleanup material employed is the difference between the gallons of cleanup material received and the gallons of cleanup material shipped off-site.

D. Reporting Requirements

1. The permittee shall notify the Director of any monthly record showing the use of noncomplying coatings. A copy of such record shall be sent to the Director within 30 days following the end of the calendar month.
2. The permittee shall notify the Ohio EPA Southeast District Office in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a

copy of such record and shall be sent to the Ohio EPA Southeast District Office within 30 days after the event occurs.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:

Emissions of VOC from the coating operation shall not exceed 3.85 lbs/hr; 16.9 TPY.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in Section C

Emission Limitation:

Visible emissions shall not exceed 10% opacity as a six-minute average.

Applicable Compliance Method:

Compliance shall be demonstrated based upon visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9, and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emissions testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

Emission Limitation:

3.5 lbs of VOC per gallon of coating, excluding water and exempt solvents.

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

Emission Limitation:

PE shall not exceed 0.551 lb/hr; 2.4 TPY.

Applicable Compliance Method:

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

$$E = (M) * (1-TE) * (1-CE)$$

where:

E = particulate emission rate (lbs/hr)

M = maximum coating solids usage rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

F. Miscellaneous Requirements

1. None