

Facility ID: 0278050669 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.

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Facility ID: 0278050669 Emissions Unit ID: P001 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>
shot blast room with baghouse	OAC rule 3745-17-07	Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-31-05 PTI No. 02-5213	see A.2.a 39 tons per year of particulate emissions

2. Additional Terms and Conditions

- (a) The mass emissions from the stack serving this emissions unit shall not exceed 0.030 grain of particulate emissions per dry standard cubic foot.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

D. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to minimize or eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous 6-

month periods.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
 Emission Limitation:
 Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

 Applicable Compliance Method:
 Compliance shall be determined through 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).
 Emission Limitation:
 0.030 grain per dry standard cubic foot of particulate emissions from baghouse exhaust

 Applicable Compliance Method:
 If required, compliance shall be demonstrated as listed in OAC Rule 3745-17-03(B)(10).
 Emission Limitation:
 39 TPY of particulate emissions

 Applicable Compliance Method:
 This limit is based on the maximum flow rate of the control device (35,000 scf/m) times the allowable emission limit of 0.030 gr/dscf particulate emissions, and times the maximum operating schedule of 8760 hours per year. Compliance with this annual allowable emission rate is demonstrated through a demonstration of the allowable emission rate of 0.030 gr/dscf as required by E.1.b.

F. Miscellaneous Requirements

1. None

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Facility ID: 0278050669 Emissions Unit ID: R002 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 #2	OAC rule 3745-21-09(U)(1)(c) OAC rule 3745-31-05(A)(3) PTI No. 02-5213	see A.2.a see A.2.b

2. Additional Terms and Conditions

- (a) The volatile organic compound (VOC) content of the coatings employed in this emissions unit shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents.
 The total VOC emissions from this emissions units, R002, shall not exceed 27 tons per year.

B. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the line: the name and identification number of each coating, as applied; and the VOC content of each coating (excluding water and exempt solvents), as applied.
2. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
 the name and identification of each cleanup material employed;
 the VOC content of each cleanup material, in pounds per gallon;

the number of gallons of each cleanup material employed;
 the number of gallons (excluding water and exempt solvents) of each coating employed; and
 the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.

- 3. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

D. Reporting Requirements

- 1. The permittee shall notify the Director (the Ohio EPA Northeast 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 Director (the Ohio EPA Northeast District Office) within 30 days after the exceedance occurs.
- 2. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 30 days following the end of the calendar month.
- 3. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

- 1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 Emission Limitation:
 3.5 lbs VOC/gallon coating excluding water and exempt solvents.

 Applicable Compliance Method:
 Compliance shall be based upon the record keeping requirements specified in Section A.III In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so 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.
 Emission Limitation:
 27 tons per year VOC

 Applicable Compliance Method:
 Compliance shall be based upon the record keeping specified in Section C.2.of this permit.

F. Miscellaneous Requirements

- 1. None

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Facility ID: 0278050669 Emissions Unit ID: R003 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 # 3	OAC rule 3745-21-09(U)(1)(c) OAC rule 3745-31-05(A)(3) PTI No. 02-9295 OAC rule 3745-35- 07(B)	see A.2.a see A.2.b see A.2.b and B.2

2. Additional Terms and Conditions

- (a) The volatile organic compound (VOC) content of the coatings employed in this emissions unit shall not

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

The emissions from the coatings and cleanup materials employed in this emissions unit shall not exceed the following:

26.25 pounds of VOC per hour, based on the use of 7.5 gallons of coating per hour, and 26.25 tons of VOC per year.

B. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. In order to comply with requirements of a synthetic minor determination, the permittee shall restrict coating and clean-up material usage for this operation to:
 - a. 1250 gallons per month, and
 - b. 15000 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:
 - the company identification for each coating and cleanup material employed;
 - the number of gallons of each coating (excluding water and exempt solvents) and cleanup material employed;
 - the number of hours of operation of this paint booth each day;
 - the VOC content of each coating (excluding water and exempt solvents) and cleanup material, in pounds per gallon;
 - the total VOC emission rate for all coatings and cleanup materials, in pounds per day; and
 - the average VOC emission rate for all coatings and cleanup materials, in pounds per hour for the day (i.e., calculated using the total VOC emission rate and total hours of booth operation.)
2. The permittee shall collect and record the total number of gallons of coating and cleanup material employed per month.
3. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

D. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA Northeast 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 Director (the Ohio EPA Northeast District Office) within 30 days after the exceedance occurs.
2. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing the use of noncomplying coatings or excursions of the hourly emission limit. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 30 days following the end of the calendar month.
3. The permittee shall submit annual reports which identify any exceedances of the monthly or annual coating usage limitation. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation:
3.5 lbs VOC/gallon coating excluding water and exempt solvents.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so 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.

Emission Limitation:
26.25 pounds of VOC per hour

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Section C.1.

Emission Limitation:
26.25 tons of VOC per year

Applicable Compliance Method:
Compliance shall be based upon the summation of the daily records from the record keeping specified in Section C.1.

F. Miscellaneous Requirements

1. The following Terms and Conditions have been incorporated into this permit in order to establish federally enforceable limitations on potential to emit, pursuant to OAC Rule 3745-35- 07: A. through F.