

Facility ID: 1318007892 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: 1318007892 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>
enclosed shot blast machine controlled by a baghouse	OAC rule 3745-31-05(A)(3) (PTI#13-2794)	1.9 lbs/hr and 8.32 TPY of particulate emissions
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 5% opacity for not more than 6 minutes in a 60-minute period.
	OAC rule 3745-17-11(B)(1)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3). 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 permittee shall vent all of the particulate emissions to the baghouse at all times when this emissions unit is in operation.

B. Operational Restrictions

1. The permittee shall operate the baghouse whenever this emissions unit is in operation.
2. The pressure drop across baghouse shall be maintained within the range of 1 to 5 inches of water whenever this emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a once per shift basis whenever this emissions unit is in operation.
2. The permittee shall maintain monthly records of the amount of abrasive material used in this emissions unit, in lbs.
3. The permittee shall maintain monthly records of the hours of operation of this emissions unit.
4. The permittee shall maintain monthly records of the average hourly abrasive material usage rate, in lbs, calculated as C.2 divided by C.3.
5. The permittee shall maintain monthly records of the average hourly particulate emission rate calculated in accordance with E.1.b.

D. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
2. The permittee shall submit quarterly deviation (excursion) reports that identify all months during which the average hourly particulate emission rate did not comply with the particulate emission limitation in A.1.
3. The quarterly deviation (excursion) reports shall be submitted in accordance with the General Terms and

Conditions of this permit.

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:

Visible particulate emissions shall not exceed 5% opacity for not more than 6 minutes in a 60 minute period.

Applicable Compliance Method:

If required, 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:

1.9 lbs/hr of particulate emissions

Applicable Compliance Method:

Compliance shall be determined by multiplying the U.S. EPA reference document AP-42, 5th Edition Compilation of Air Pollution Emission Factors, Section 13.2.6, Table 13.2.6-1(7/97) emission factor for abrasive blasting of metal parts controlled with a fabric filter (0.69 lb of particulate emissions/1000 lbs of abrasive) by the average hourly abrasive usage rate, in lbs, recorded in section C.4.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A.

Emission Limitation:

8.32 TPY of particulate emissions

Applicable Compliance Method:

The annual emission limitation was established by multiplying the hourly emission rate by 8760 hours of operation per year and dividing by 2000 pounds per ton. Therefore, compliance with the annual emission limitation shall be assumed provided compliance is maintained with the pounds per hour limitation.

F. Miscellaneous Requirements

1. None