

Facility ID: 0285000259 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: 0285000259 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>
dry powder blending and packaging, with baghouse	OAC rule 3745-31-05(A)(3) (PTI 02-17217)	Particulate emissions (PE) shall not exceed any of the following:  0.02 grains/dry standard cubic foot of total exhaust gases; 1.37 lbs/hr; or 6.01 TPY  There shall be no visible emissions except for one (1) minute in any hour from any building opening.  Visible emissions from the stack of the baghouse serving this emissions unit shall not exceed five (5) percent opacity, as a six-minute average.  See section A.2.a.
	OAC rule 3745-17-11(B)	In accordance with OAC rule 3745-17-07(A)(3)(h), the requirements of OAC rule 3745-17-07(A)(1) shall not apply to this emissions unit.
	OAC rule 3745-17-07(A)	In accordance with OAC rule 3745-17-07(B)(11)(e), the requirements of OAC rule 3745-17-07(B)(1) shall not apply to this emissions unit.
	OAC rule 3745-17-07(B)(1)	In accordance with OAC rule 3745-17-07(B)(11)(e), the requirements of OAC rule 3745-17-07(B)(1) shall not apply to this emissions unit.
	OAC rule 3745-17-08(B)	In accordance with OAC rule 3745-17-08(A)(1), the requirements of OAC rule 3745-17-08(B) shall not apply to this emissions unit.

2. **Additional Terms and Conditions**
  - (a) In accordance with OAC rule 3745-17-11(A)(2)(a)(ii), "Figure II" of OAC rule 3745-17-11 shall not apply to this emissions unit because the uncontrolled particulate matter emissions are less than 10 pounds per hour. In accordance with OAC rule 3745-17-11(A)(2)(b)(ii), "Table I" of OAC rule 3745-17-11 shall not apply to this emissions unit because it is located in Wayne County.

**B. Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 5 inches of water column at all times while the emissions unit is in operation.
2. The baghouse shall be operated with a sufficient volumetric flow rate to minimize or eliminate visible particulate emissions at the point(s) of capture to the extent possible with good engineering design.

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly 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 daily basis.

**D. Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports identifying all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
2. All 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 specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:  
0.02 grains/dry standard cubic foot of total exhaust gases and 1.37 lbs/hr of PE

Applicable Compliance Method:  
If required, compliance shall be determined by stack testing in accordance with OAC rule 3745-17-03(B)(10).  
Emission Limitation:  
6.01 TPY of PE

Applicable Compliance Method:  
Compliance with the annual emission limitation shall be determined using the following equation:

$(0.02 \text{ gr/dscf}) \times (8,000 \text{ cfm}) \times (60 \text{ min/hr}) \times (8,760 \text{ hrs/yr}) \times (1 \text{ lb}/7,000 \text{ gr}) \times (1 \text{ ton}/2,000 \text{ lbs})$

where:

0.02 gr/dscf is the emission factor based on manufacturer's information; and  
8,000 cfm is the baghouse flow rate.

Emission Limitation:  
There shall be no visible emissions except for one (1) minute in any hour from any building opening.

Applicable Compliance Method:  
Compliance shall be determined using Method 22 of 40 CFR, Part 60, Appendix A.  
Emission Limitation:  
Visible emissions from the stack of the baghouse serving this emissions unit shall not exceed five (5) percent opacity, as a six-minute average.

Applicable Compliance Method:  
Compliance shall be determined using Method 9 of 40 CFR, Part 60, Appendix A.

**F. Miscellaneous Requirements**

1. None