

Facility ID: 1431403168 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: 1431403168 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>
Refractory mixer with fabric filter	OAC 3745-31-05 See F.	2.16 LBS PM/HR, 2.81 TPY PM
	OAC 3745-17-07(A) See F.	Visible particulate emissions from the fabric filter stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC 3745-17-11(A) See F.	PM emission limit is less stringent than the BAT limit above.

2. **Additional Terms and Conditions**  
None

**B. Operational Restrictions**

1. The amount of material produced in this emissions unit shall not exceed 15,611 TPY.
2. The pressure drop across the fabric filter shall be maintained within the range of 1.0 - 5.0 inches of water while the emissions unit is in operation.

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

1. This facility shall maintain monthly records of the amount of material produced in this emissions unit.
2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the fabric filter while the emissions unit is in operation. The monitoring equipment shall be installed, 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 fabric filter on daily basis.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify any exceedance of the production limitation outlined in this permit.
2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the fabric filter did not comply with the allowable range specified above.

**E. Testing Requirements**

1. The hourly particulate emission limit is based on the maximum hourly material usage capacity of the mixer, an emission factor, and a control efficiency for the fabric filter. Therefore, compliance with the hourly emission limit is assumed based on the use of the fabric filter.
2. Compliance with annual particulate emission limit shall be determined in accordance with the following method(s):  
  
Multiply the emission factor of 120 pounds of particulate per ton of product by the actual annual production from C.1. and by 0.003 (control efficiency of for the fabric filter) and by ton/2000 lbs = TPY PM.
3. Compliance with OAC 3745-17-07(A) shall be determined by the test method and procedures outlined in OAC 3745-17-03(B)(1).

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 14-3908 as issued on 10-12-95:

Part II, Special Terms and Conditions: A-E.