

Facility ID: 1431114001 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: 1431114001 Emissions Unit ID: F001 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>
Material loading w/ fabric filter	OAC rule 3745-31-05 (PTI 14-4525)	PM: 0.29 LB/HR, 1.27 TPY PM10: 0.25 LB/HR, 1.08 TPY
	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-08(B)	The hourly emission limitations are based upon the emissions unit's PTE. Therefore, no hourly records are required to demonstrate compliance with these limits. See A.2.2.c. This emission unit is not located in an area that is specified in Appendix A of OAC rule 3745-17-08. Therefore, it is exempt from the requirements of OAC rule 3745-17-08(B).
	OAC rule 3745-17-11	The emission limitation specified in this rule is the same as or less stringent than that specified under OAC rule 3745-31-05 (PTI 14-4525).

2. Additional Terms and Conditions

- (a) The permittee shall pneumatically transfer the cement and flyash to the storage silos. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible emissions of cement or flyash emanating from the delivery vehicle shall be cause for the immediate halt of the unloading process and the refusal of the cement/flyash load until the situation is corrected. The cement silo vent and the flyash silo vent shall be adequately enclosed and vented to a fabric filter. The enclosure shall be sufficient to eliminate at all times visible emissions of fugitive dust at the points of capture. Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 3.0 to 9.0 inches of water while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse 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 baghouse on a daily basis.

D. Reporting Requirements

1. The permittee shall submit 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.

E. Testing Requirements

1. Compliance with the 20% opacity emission limitation specified in OAC rules 3745-17-07(A) and referred to in section A.1 of these Terms and Conditions shall be determined in accordance with the methods outlined in OAC rules 3745-17-03(B)(1).

2. Compliance with the PM/PM10 emissions limitations specified in section A.1 of this PTO shall be demonstrated using the emission factors specified in USEPA reference document AP-42, section 11.12 and the control efficiencies described in the Agency's calculations for PTI 14-4525.

F. **Miscellaneous Requirements**

None