

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: F002 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>
F002-weigh hopper w/ baghouse	OAC rule 3745-31-05(A)(3) (PTI 14-04525)	Particulate emissions (PE) shall not exceed 0.20 lb/hr and 0.88 ton/yr; Particulate matter emissions 10 microns in diameter (PM10) and less shall not exceed 0.17 lb/hr and 0.74 ton/yr.  The hourly emission limitations are based upon the emission unit's potential to emit (PTE). Therefore, no hourly records are required to demonstrate compliance with these limits.
	OAC rule 3745-17-07(A)(1)	The requirements of this rule also include compliance with OAC rule 3745-17-07(A)(1). Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-08(A)	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 less stringent than that established under OAC rule 3745-31-05(A)(3) (PTI 14-04525).

2. **Additional Terms and Conditions**
  - (a) The cement/flyash weigh hopper shall be adequately enclosed and vented to a fabric filter. The enclosure shall be sufficient to minimize or eliminate at all times visible emissions of fugitive dust at the points of capture.

**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 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 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 in term B.1. The reports shall be submitted by January 30th, April 30th, July 30th and October 30th. If no deviations occurred during the reporting period, the permittee shall state so in the report.

**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% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996.

Emissions Limitations:

Particulate emissions (PE) shall not exceed 0.20 lb/hr and 0.88 ton/yr;

Particulate matter emissions 10 microns in diameter (PM10) and less shall not exceed 0.17 lb/hr and 0.74 ton/yr.

Applicable Compliance Method:

Compliance shall be determined using the following equations:

$$\text{lbs PM/PM10hr} = (A) \times (C) \times (1 - D)$$

$$\text{tons PM/PM10/yr} = (A) \times (B) \times (1 - D) \times 1 \text{ ton}/2,000 \text{ lbs}$$

where:

A = maximum amount material loaded, lbs/hr;

B = maximum amount material loaded, tons/yr;

C = PM or PM10 emission factor, lbs/ton, from AP-42, Section 11.12 (October, 1986); and

D = control efficiency of 99%.

If testing is required to determine compliance with the particulate emission limitations, then testing shall be conducted using the following method: Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

F. **Miscellaneous Requirements**

1. None