

Facility ID: 0514010168 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: 0514010168 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>
P001 - Blendstack No. 1 (three material silos and mixer)	OAC rule 3745-31-05(A)(3)  OAC rule 3745-17-07(A)(1) OAC rule 3745-17-11(B)(1)	Particulate emissions (PE) shall not exceed 0.02 pound per hour.  PE shall not exceed 0.09 ton per year.  There shall be no visible emissions from the baghouse exhaust stack.  The emissions unit shall be adequately enclosed and vented to the baghouse; the enclosure shall be sufficient to eliminate visible emissions of fugitive dust.  The emission limitations specified by these rules are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 2.0 to 8.0 inches of water (H2O) 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 manuals. The permittee shall record the pressure drop across the baghouse on a daily basis.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit and to ensure that the enclosure is sufficient to eliminate emissions of fugitive dust. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. the cause of the visible emissions;
  - c. the total duration of any visible emission incident; and
  - d. any corrective actions taken to eliminate the visible emissions.

**D. Reporting Requirements**

1. The permittee shall submit quarterly 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 (a) identify all days during which any visible particulate emissions were observed from the baghouse exhaust stack and/or the fugitive dust from the

enclosure and (b) describe any corrective actions taken to eliminate the visible particulate emissions.

3. The deviation 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 Part II, Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

Emissions Limitation:

0.02 pound PE per hour

Applicable Compliance Method:

Compliance shall be determined by multiplying the emissions factor, 0.086 lbs PE per 1000 lbs material (AP-42, Table 11.26, 11/95, for crushed talc railcar loading), by the maximum material mixing rate of 10,000 pounds. Then multiply the result, 0.86 pounds per hour, by the operating control efficiency of the baghouse system, i.e., (1 - 0.98).

If required, the permittee shall demonstrate compliance with the lb/hr emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

2. Emission Limitation:

0.09 ton PE per year

Applicable Compliance Method:

Compliance shall be determined by multiplying the hourly PE limitation, 0.02 pounds, by the maximum annual hours of operation, 8760, and convert the results from pounds to tons by dividing the result by 2000 pounds per ton

3. Emission Limitation:

There shall be no visible emissions from the baghouse exhaust stack, and no visible emissions of fugitive dust from the enclosure.

Applicable Compliance Method:

Compliance with the visible emissions limitation may be demonstrated based upon the records required pursuant to section C.2.

If required, compliance with the visible emissions limitation from the exhaust stack shall be determined through visible emission observations performed in accordance with 40 CFR Part 60 Appendix A, Method 9.

**F. Miscellaneous Requirements**

1. None