Facility ID: 0616010022 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: 0616010022 Emissions Unit ID: P004 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Calcium Carbonate Silo Controlled with Fabric Filter	OAC rule 3745-31-05(A)(3) (PTI 06-07014)	Particulate emissions (PE) shall not exceed 0.02 lb/hr and 0.1 ton/yr. There shall be no visible emissions from the fabric filter vent.
	OAC rule 3745-17-07(A) OAC rule 3745-17-11(B)(1)	The emission limitations specified by these rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

   (a) None

B. **Operational Restrictions**

1. The pneumatic loading system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible particulate emissions from the delivery vehicle shall be cause for the halt of the loading process until the situation is corrected.

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

1. The permittee shall perform weekly checks, when the emissions unit is in operation (during loading) and when the weather conditions allow, for any visible particulate emissions from the fabric filter vent serving this emissions unit. 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 total duration of any visible emission incident; and

   c. any corrective actions taken to eliminate the visible emissions.

D. **Reporting Requirements**

1. The permittee shall submit semiannual written reports that (a) identify all weeks during which any visible particulate emissions were observed from the fabric filter vent serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA Southeast District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

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:

   PE shall not exceed 0.02 lb/hr and 0.1 ton/yr.

   Compliance Determination:

   Compliance with the lb/hr emission limitation shall be demonstrated by the following one time calculation using

the design grain loading for the fabric filter and the maximum air flow. If required, the permittee shall demonstrate compliance with the mass emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

PE(lb/hr) = 0.002 gr/cfm x 750 cfm x 60 min/hr x 0.000142857 lb/gr = 0.013 lb/hr

Compliance with the annual emission limitation shall be demonstrated by the following one time calculation using the maximum hourly emission rate.

PE(ton/yr) = 0.013 lb/hr x 8760 hrs/yr x 0.0005 ton/lb = 0.057 ton/yr
Emission Limitation:

There shall be no visible emissions from the fabric filter vent.

Compliance Determination:

If required, compliance shall be demonstrated based upon the visible particulate emission observations specified in Test Method 22.

F. **Miscellaneous Requirements**

1. None