Facility ID: 0250090967 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: 0250090967 Emissions Unit ID: F003 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
Sand, Aggregate, & Cement Silo Material Handling Systems (F003)	OAC 3745-17-08 OAC 3745-17-07	See Section A.2. below.

2. **Additional Terms and Conditions**

   (b) Control of Fugitive Dust from Material Handling Operations:
   All sand and aggregate transferred to the elevated storage bins shall contain sufficient moisture so as to minimize or eliminate visible emissions of fugitive dust. Water spraying shall be utilized, if necessary, to control excessive fugitive dust emissions from these operations.
   During the loading of the sand and aggregate to the conveyor, the drop height of the front-end loader shall be minimized in order to minimize or eliminate the visible emissions of fugitive dust. Water spraying devices shall be utilized, if necessary, at conveyor transfer points to control and/or eliminate the visible emissions of fugitive dust.
   Cement shall be transferred pneumatically to the storage silo. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible emissions of cement dust emanating from the delivery vehicle during transfer shall be cause for the immediate halt of the unloading process and the refusal of delivery of the cement until the situation is corrected.
   The cement silo vent shall be adequately enclosed and vented to a fabric filter. The enclosure shall be sufficient so as to minimize at all times visible emissions of fugitive dust at the point of capture.
   The fabric filter on the cement silo shall achieve an outlet emission rate of not greater than 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gas or there shall be no visible emissions from the outlet, whichever is greater.
   Visible particulate emissions from all other fugitive emissions associated with this emissions unit shall not exceed twenty (20) percent opacity as a three (3) minute average.

B. **Operational Restrictions**

1. None

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

1. None

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance with the emission limitations in Section A.2. of these terms and conditions shall be determined in accordance with the following methods:
   Emission Limitation: The fabric filter on the cement silo shall achieve an outlet emission rate of not greater than 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gas or there shall be no visible emissions from the outlet, whichever is greater.

   Applicable Compliance Methods:

   i. If required, OAC Rule 3745-17-01(B)(11); and/or

   ii. 40 CFR Part 60, Appendix A, Methods 22.
   Emissions Limitation: Visible particulate emissions from all other fugitive emissions associated with this

emissions unit shall not exceed twenty (20) percent opacity as a three (3) minute average.

Applicable Compliance Method: Compliance shall be determined through visible emission observations in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03 (B)(1).

F. **Miscellaneous Requirements**

1. None