Facility ID: 1677010668 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: 1677010668 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Transfer of sand and aggregate to elevated bins	OAC 3745-17-07 OAC 3745-17-08	See Section A.2.a below.
Cement silo vent with fabric filter	OAC 3745-17-08	See Section A.2.b below.
Weigh hopper loading of cement, sand and aggregate	OAC 3745-17-08	See Section A.2.c below.
Loading of transit-mix truck	OAC 3745-17-07 OAC 3745-17-08	See Section A.2.d below.

2. **Additional Terms and Conditions**

   (a) The visible emissions of fugitive dust shall not exceed 20 percent opacity as a 3-minute average.

   The sand and aggregate loaded into the elevated bins shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the conveyor and transfer point to bins.

   The drop height of the front-end bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the conveyor loading area.
   The silo vent shall be adequately enclosed and vented to the fabric filter; the enclosure shall be sufficient to eliminate visible emissions of fugitive dust at the point of capture.

   The fabric filter shall achieve an outlet emission rate of not greater than 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emissions from the outlet, whichever is less stringent.
   The weigh hopper vent shall be adequately enclosed and vented to the cement silo; the enclosure shall be sufficient to eliminate visible emissions of fugitive dust at the point of capture.
   The visible emissions of fugitive dust shall not exceed 20 percent opacity as a 3-minute average.

   A charging boot shall be used around the hopper discharge area and transit-mix truck opening; the charging boot shall have a collection efficiency sufficient to minimize or eliminate visible emissions of fugitive dust at the point of capture to the extent possible with good engineering design.

B. **Operational Restrictions**

1. None

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

1. The permittee shall perform daily checks for any visible particulate emissions from the fabric filter control system for the weigh hopper and cement silo, while the weigh hopper and silo are in operation. The presence or absence of any visible emissions from the fabric filter control system shall be noted in an operations log. If any visible emissions are observed from the fabric filter control system, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

D. **Reporting Requirements**

1. The permittee shall submit, on a semi-annual basis, a report which identifies all days during which any visible particulate emissions were observed from the fabric filter control system and describes the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted by January 31 and July 31

of each year to the Director (District Office or local air agency).

E. **Testing Requirements**

1. Compliance with the emission limitations in Sections A.2.a through A.2.d of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

20 percent opacity as a 3-minute average

Applicable Compliance Method:

Compliance shall be determined by visible particulate emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Method 9.
Emission Limitation:

no visible particulate emissions

Applicable Compliance Method:

Compliance shall be determined by visible particulate emission evaluations performed in accordance with OAC rule 3745-17-03(B)(4) using the methods and procedures specified in USEPA Method 22.
Emission Limitation:

0.030 gr/dscf

Applicable Compliance Method:

Emission tests may be required in the future pursuant to OAC rule 3745-17-03(B)(7).

F. **Miscellaneous Requirements**

1. None