Facility ID: 1431073842 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

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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
Weigh hopper loading of cement, sand and aggregate w/ fabric filter	OAC rule 3745-31-05 (PTI 14-3697)	Total particulate emission shall not exceed 4.57 lbs PM/hr and 3.15 TPY PM. See section B.2. Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-07(A)(1)	Same as limit established pursuant to OAC rule 3745-31-05.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity as a three-minute average, except as provided by rule.
	OAC rule 3745-17-08(B)	The aggregate and sand to be loaded into the weigh-hopper and the conveyor shall have a moisture content sufficient so as to minimize or eliminate at all times visible emissions of fugitive dust.
	OAC rule 3745-17-11	Less stringent than the limit established pursuant to OAC rule 3745-31-05.

2. **Additional Terms and Conditions**

   (a) None

B. **Operational Restrictions**

1. The total amount of concrete produced by this emissions unit shall not exceed 300,000 tons per year as a 12-month, rolling summation.

2. The cement hopper shall be adequately enclosed and vented to the cement silo. The enclosure shall limit the visible emissions of fugitive dust so it does not exceed 20% opacity as a three-minute average.

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

1. The facility shall maintain the following monthly records:

   a. the total amount of concrete produced by this emissions unit, in tons;

   b. the total amount of concrete produced by this emissions unit for the 12-month period, as a 12-month, rolling summation, in tons; and

   c. the total number of hours this emissions unit was in operation during the month.

D. **Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing that the annual concrete production exceeded the annual production limit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.

E. **Testing Requirements**

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

   a. Emission Limitation: 4.57 lbs of PM/hr

   Applicable Compliance Method: Compliance shall be determined either by multiplying the maximum hourly production rate times the emission factor of 0.02 lb/ton of material processed, based on AP-42, Chapter 11.12, Table 11.12-2 (Fifth Edition, Reformated 1/95), or by emissions testing pursuant to Section E.1.c.

   b. Emission Limitation: 20% opacity, 6-minute average

   Applicable Compliance Method: Test Method 9 as set forth in "Appendix A" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996.

   c. If testing is required to demonstrate compliance with the allowable emission limitation of 4.57 lbs PM/hr, then, testing shall be conducted using the following method:

   Method 5, 40 CFR, Part 60, Appendix A.

   d. Emission Limitation: 20% opacity, 3-minute average

   Applicable Compliance Method: OAC rule 3745-17-03(B)(3)

   e. Emission Limitation: 3.15 TPY PM

   Applicable Compliance Method: Compliance shall be determined by multiplying the 12-month production rate obtained from the records in Section C of these terms and conditions times the emission factor of 0.02 lb/ton of material processed (from AP-42, Chapter 11.12, Table 11.12-2 (Fifth Edition, Reformated 1/95)), and dividing by 2000 lbs/ton.

F. **Miscellaneous Requirements**

1. If probable cause exist indicating this emissions unit is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this emissions unit into compliance.