

Facility ID: 1409010574 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: 1409010574 Emissions Unit ID: F006 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>
150 TPH concrete batch plant w/ fabric filter (weigh hopper and mixer loading)	OAC rule 3745-31-05 (PTI 14-4060)	Particulate emissions (PE) from the fabric filter vent shall not exceed 0.18 lb/hr* and 0.09 TPY.  *The hourly emission limitation is based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this limit.  There shall be no visible fugitive PE from the weigh hopper.  See section A.2. below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from the fabric filter exhaust shall not exceed 20% opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-07(B)(1)	Less stringent than the visible fugitive emission limitation established pursuant to OAC rule 3745-31-05.
	OAC rule 3745-17-08(B)	Same as the control measures established pursuant to OAC rule 3745-31-05.
	OAC rule 3745-17-11(B)(1)	Less stringent than PE limitation established pursuant to OAC rule 3745-31-05.

**2. Additional Terms and Conditions**

- (a) The weigh hopper and central mixer shall be adequately enclosed and vented to a fabric filter. The sand and aggregate loaded into the weigh hopper shall have sufficient moisture content so as to minimize or eliminate visible emissions of fugitive dust.

**B. Operational Restrictions**

1. Annual concrete produced shall not exceed 150,000 tons per year.

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

1. The permittee shall maintain monthly records of the total concrete produced, in tons.
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 of fugitive dust from the hopper. 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. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

- d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.
- D. **Reporting Requirements**
- 1. The permittee shall submit annual reports of the annual concrete production. This report shall be submitted by February 15 of each year and shall cover the previous 12 calendar months (January through December).
  - 2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and of fugitive dust from the hopper and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Hamilton County Department of Environmental Services by January 31 and July 31 of each year and shall cover the previous 6-month period.
- E. **Testing Requirements**
- 1. Compliance with the production limitation shall be determined by the record keeping required in Section C.
  - 2. Compliance with OAC rule 3745-17-07(A)(1) shall be determined by the method specified in OAC rule 3745-17-03 (B)(1).
  - 3. Compliance with the limitation of no visible fugitive PE from the weigh hopper shall be determined by Method 22 of 40 CFR, Part 60, Appendix A.
  - 4. Except as provided in Section E.5., compliance with the PE limitations as outlined shall be determined by using the emission factors in AP-42, Fifth Edition, Table 11.12-2 (reformated 1/95).
  - 5. If testing is required to demonstrate compliance with the allowable emission limitation of 0.18 lb PE/hr, then testing shall be conducted using the following method:  
  
Method 5 of 40 CFR, Part 60, Appendix A.
- F. **Miscellaneous Requirements**
- 1. If probable cause exists indicating the emissions unit is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3475-15-07, 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.