

Facility ID: 1483140150 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: 1483140150 Emissions Unit ID: P901 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>
Cement silos w/ fabric filter	PTI 14-4473	0.17 lb PM/hr and 0.02 TPY PM
	OAC 3745-17-07(A)	See A.2.a. Visible particulate emissions from the fabric filter stack(s) shall not exceed 20% opacity as a six-minute average, except as specified by rule.
	OAC 3745-17-11(B)(1)	Less stringent than PTI.
Sand and aggregate transfer	PTI 14-4473	0.88 lb PM/hr and 0.73 TPY PM
	OAC 3745-17-07(B)	See A.2.b. Visible particulate emissions of fugitive dust from any fugitive emissions point shall not exceed 20% opacity as a three-minute average, except as specified by rule.

2. Additional Terms and Conditions

- (a) The cement silos shall be enclosed and vented to a fabric filter. The permittee shall maintain a sufficient sand and aggregate moisture content, as necessary, so as to minimize or eliminate visible emissions of fugitive dust from the sand and aggregate transfer.

B. Operational Restrictions

1. The maximum annual production from all concrete batching operations at the facility shall not exceed 100,000 tons of concrete per year, for all components in the concrete mix.
2. The annual sand/aggregate usage from all concrete batching operations at the facility shall not exceed 75,000 tons per year.
3. The annual cement usage from all concrete batching operations at the facility shall not exceed 15,000 tons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the quantity of concrete produced and the quantity of sand/aggregate and cement used, in tons.

D. Reporting Requirements

None

E. Testing Requirements

1. Compliance with OAC 3745-17-07(A) shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(1).
2. Compliance with OAC 3745-17-07(B) shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(3).
3. The lb PM/hr emissions limitations are based on the maximum production capacity of the equipment; therefore, compliance with these limits is assumed.
4. Compliance with the TPY PM emissions limitations shall be demonstrated by multiplying the actual production and usage rates by the AP-42 emission factors for Concrete Batching in conjunction with the operating control

efficiency of the fabric filter.

5. Compliance with the material production and usage limitations shall be demonstrated by the record keeping requirement in C.1.

F. **Miscellaneous Requirements**

None