

Facility ID: 1431343373 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: 1431343373 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/flyash silos with fabric filter. | OAC rule 3745-31-05 (PTI 14-1762) | 0.11 lb/hr* from the vent associated with the fabric filter. |
| | OAC rule 3745-17-07(A)(1) | * The hourly emission limitation is based upon the emissions unit's PTE. Therefore, no hourly records are required to demonstrate compliance with the limit. |
| | OAC rule 3745-17-11(B)(1) | Visible particulate emission from any stack associated with P901 shall not exceed twenty percent opacity as a six-minute average, except as specified by rule. Less stringent than the limitation established by OAC rule 3745-31-05. |
| Cement/flyash weigh hopper with enclosure and vent to fabric filter. | OAC rule 3745-31-05 PTI 14-1762 OAC rule 3745-17-08 | 0.09 lb/hr* PM from the vent associated with the fabric filter. |
| | OAC rule 3745-17-07(B)(1) | * The hourly emission limitation is based upon the emissions unit's PTE. Therefore, no hourly records are required to demonstrate compliance with the limit. |
| | OAC rule 3745-17-11(B)(1) | Visible particulate emissions of fugitive dust shall not exceed twenty percent opacity as a three-minute average, except as specified by rule. Less stringent than the limitation established by OAC rule 3745-31-05. |
| Transit mix truck loading. | OAC rule 3745-31-05. (PTI 14-1762) OAC rule 3745-17-08 | Use of a telescoping chute. |
| | OAC rule 3745-17-07(B)(1) | Visible particulate emissions of any fugitive dust shall not exceed twenty percent opacity as a three-minute average, except as specified by rule. |
| | OAC rule 3745-17-11(B)(1) | See A.2.2.a. |
| Aggregate storage bins. | OAC rule 3745-31-05 (PTI 14-1762) OAC rule 3745-17-08 | Visible particulate emissions of any fugitive dust shall not exceed twenty percent opacity as a three-minute average, except as specified by rule. |
| | OAC rule 3745-17-07(B)(1) | Tarp enclosure. See A.2.2.a. |
| | OAC rule 3745-17-07(B)(1) | Visible particulate emissions of any fugitive dust shall not exceed twenty percent opacity as a three-minute average, except as specified by rule. |
| Open area between aggregate storage bins and aggregate weigh hopper. | OAC rule 3745-31-05 (PTI 14-1762) OAC rule 3745-17-08 | Tarp enclosure. See A.2.2.a. |
| | OAC rule 3745-17-07(B)(1) | Visible particulate emissions of any fugitive dust shall not exceed twenty percent opacity as a three-minute average, except as specified by rule. |
| | | |

2. Additional Terms and Conditions

- (a) Sand and aggregate shall be maintained in a moist condition to minimize or eliminate visible emissions of fugitive dust.
The annual particulate emissions shall not exceed 2.06 tons per year.

B. Operational Restrictions

- 1. The maximum allowable concrete production rate shall not exceed 360,000 tons per year.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain monthly records of the amount of concrete produced in the batch plant, in tons.

D. Reporting Requirements

- 1. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedances of the annual production limitation set forth in term B.1. above. Also included shall be the reason for the exceedance and the steps taken to correct the violation. The notification shall include a copy of such record indicating the violation and shall be sent to Hamilton County Department of Environmental Services within 30 days.

E. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Compliance with OAC rule 3745-17-07(A)(1) shall be demonstrated by OAC rule 3745-17-03(B)(1).
 - b. Compliance with OAC rule 3745-17-07(B)(1) shall be demonstrated by OAC rule 3745-17-03(B)(3).
 - c. Compliance with the particulate emissions limitations in terms A.1. and A.2. shall be demonstrated by using the emission factors in the Fifth Edition of AP-42 (Concrete Batching).
 - d. Compliance with the production limitation in term B.1. shall be demonstrated by term C.1.

F. Miscellaneous Requirements

- 1. None