

Facility ID: 1677020132 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: 1677020132 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>
300 TPH asphaltic concrete batch plant controlled with baghouse; includes rotary dryer, hot aggregate elevator, vibrating screens, overhead storage bins, weigh hopper, and pug mill	40 CFR Part 60, Subpart I  OAC rule 3745-31-05 (PTI 16-542) OAC rule 3745-17-08 OAC rules 3745-17-11 and 3745-17-07	Emissions from the baghouse exhaust shall not contain particulates in excess of 0.04 grain/DSCF  Visible particulate emissions from the baghouse exhaust shall not exceed 20 percent opacity See B.3 and B.4, below
Aggregate storage bins and cold aggregate elevator	OAC rule 3745-17-07  OAC rule 3745-17-08	See A.2.a, below Equal to or less stringent than the above limitations See A.2.b, below See A.2.b and A.2.c, below

**2. Additional Terms and Conditions**

- (a) The hot aggregate elevator, vibrating screens, overhead storage bins, weigh hopper, and pug mill shall be adequately enclosed and vented to the baghouse to control fugitive dust. There shall be no visible emissions of fugitive dust from the enclosure.  
The drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the cold aggregate conveyor loading area. The visible emissions of fugitive dust from this operation shall be less than or equal to 20 percent opacity, as a 3-minute average.  
The cold aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions of fugitive dust from the conveyor and the transfer point to the rotary dryer.

**B. Operational Restrictions**

1. The maximum hourly production rate for this emissions unit shall not exceed 230 tons per hour unless the permittee first demonstrates compliance with the limits specified in section A.1 of these terms and conditions at the desired, higher operating rate.
2. To ensure the baghouse is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop across the baghouse of not less than 3 inches of water column nor greater than 5 inches of water column shall be maintained whenever the emissions unit is in operation.
3. This emissions unit is limited to the use of natural gas or No. 2 fuel oil.
4. Aggregate storage piles shall be maintained in a manner which minimizes or eliminates visible emissions of fugitive dust. The aggregate storage piles shall be watered to control fugitive dust emissions, if needed.

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

1. The permittee shall maintain the following daily production records:
  - a. the asphaltic concrete production, in tons/day;
  - b. the production operating time, in hours/day; and

c. the average hourly production rate, in tons/hour, i.e., (C.1.c) = [(C.1.a)/(C.1.b)]

2. The permittee shall properly operate and maintain a monitoring device capable of accurately measuring the pressure drop across the baghouse.

The permittee shall check the pressure drop once each day when the process is in operation and maintain daily records of the pressure drop readings.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify all exceedances of the maximum allowable hourly production rate.
2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the allowable baghouse pressure drop range (3 to 5 inches of water column).
3. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 3.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in section A of these terms and conditions shall be determined in accordance with the following method(s):
  - Emission Limitation -  
0.04 grain/DSCF of particulates
  - Applicable Compliance Method -  
Compliance shall be based upon stack testing in accordance with OAC rule 3745-17-03(B)(10), using test methods 1-5 of 40 CFR Part 60, Appendix A.
  - Emission Limitation -  
20 percent opacity from the baghouse exhaust.
  - Applicable Compliance Method -  
Compliance shall be based upon visible emissions observations in accordance with OAC rule 3745-17-03(B)(1), using test method 9 of 40 CFR Part 60, Appendix A.
  - Emission Limitation -  
20 percent opacity, as a 3-minute average, from the cold aggregate storage bins and conveyors operations.
  - Applicable Compliance Method -  
Compliance shall be based upon visible emissions observations in accordance with OAC rule 3745-17-03(B)(3), using test method 9 of 40 CFR Part 60, Appendix A.
  - Emission Limitation -  
No visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, overhead storage bins, weigh hopper, and pug mill and no visible emissions of fugitive dust from the cold aggregate conveyor and the transfer point to the rotary dryer.
  - Applicable Compliance Method -  
Compliance shall be determined using method 22 of 40 CFR Part 60, Appendix A.
2. Within 6 months prior to the expiration of this permit, the permittee shall conduct, or have conducted, emission testing for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for particulates. The particulates emission testing shall be conducted in accordance with the test methods and procedures specified in methods 1-5 of 40 CFR Part 60, Appendix A, while the emissions unit is operating at or near maximum capacity and using only virgin aggregate.
  - Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and dates(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the field office's refusal to accept the results of the emission test(s).
  - Personnel from the Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment and acquire data and information regarding the emissions unit operating parameters.
  - A comprehensive written report on the results of the emission test(s) shall be submitted within 30 days following completion of the test(s).

**F. Miscellaneous Requirements**

1. None