

Facility ID: 1431400140 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: 1431400140 Emissions Unit ID: P902 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>
Rotary dryer, hot aggregate elevator, vibrating screens and weigh hopper.	OAC 3745-17-07(A)	Visible particulate emissions from the rotary dryer stack shall not exceed 20% percent opacity, as a six-minute average, except as specified by rule.
	OAC 3745-17-11(B)	See T&C A.2.a. The particulate emission rate from the discharge of the fabric filter shall not exceed 11 pounds per hour, 0.044 pound per ton of asphalt produced, and 11 TPY.
Aggregate storage bins, cold aggregate elevator.	OAC 3745-17-07(B)	Visible particulate emissions from the aggregate storage bins shall not exceed 20% percent opacity, as a three-minute average, except as specified by rule.
	OAC 3745-17-08	See T&C A.2.a. When unloading aggregate to the storage bins 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. The moisture content of all aggregate shall be of sufficient content as to minimize or eliminate visible emissions of fugitive dust.

2. **Additional Terms and Conditions**
  - (a) There shall be no visible fugitive emissions from the rotary dryer, vibrating screens, cold aggregate elevator and the weigh hopper.

**B. Operational Restrictions**

1. Annual production of asphalt (based upon a rolling 12-month summation) shall not exceed 500,000 tons per year.
2. Baghouse Operational Restrictions
 

The pressure drop across the baghouse shall be maintained within the range of 4.0 - 6.0 inches of water while the emissions unit is in operation.

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

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on daily basis.
2. The permittee shall maintain monthly records of the monthly production and rolling 12-month production of asphalt, in tons.

**D. Reporting Requirements**

1. Baghouse Pressure Drop Reporting Requirements

The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. These reports shall be submitted within 30 days of the excursion. The reports shall include the reason for the excursion and the steps taken to resolve it.

2. The permittee shall submit semi-annual reports indicating any exceedance of the production limitation along with the cause of the exceedance and the corrective action taken to prevent further exceedances. These semi-annual reports shall be submitted by January 30 and July 30 of each year and shall cover the previous six (6) calendar months.

**E. Testing Requirements**

1. Compliance with OAC 3745-17-07(A) shall be demonstrated by OAC 3745-17-03(B)(1).
2. Compliance with OAC 3745-17-07(B) shall be demonstrated by OAC 3745-17-03(B)(3).
3. Emission testing requirements

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

- a. The emission testing shall be conducted approximately 2.5 years after issuance of this permit and 6 months prior to the expiration of this permit.
- b. The emission testing shall be conducted to demonstrate compliance with the .044 lb/ton and 11 pounds per hour emission limitations.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

Method 5, 40 CFR Part 60, Appendix A.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time (s) and date(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 Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate 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 necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

**F. Miscellaneous Requirements**

1. All the terms and conditions in this permit are federally enforceable.