

Facility ID: 1431443377 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: 1431443377 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>
Asphalt batch plant	OAC 3745-31-05	16.32 lbs PM/hr from fabric filter exhaust.
	See F.	47.63 lbs PM/hr and 9.93 TPY PM (stack and fugitive)
		29.3 lbs PM-10/hr and 6.11 TPY PM10 (stack and fugitive)
Rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper w/fabric filter	40 CFR Part 60, Subpart I.	Visible particulate emissions from the fabric filter stack shall not exceed 10% opacity, as a six-minute average, except as specified by rule.
	See F.	PM emissions from the fabric filter exhaust shall not exceed 0.04 g/dscf.
	OAC 3745-17-07(A)	Less stringent than the visible emissions limit outlined in OAC 3745-31-05.
Aggregate storage bins and cold aggregate elevator	OAC 3745-17-08(B)	See A.2.a.
	See F.	
	OAC 3745-17-11(B)	Less stringent than the PM emissions limit outlined in OAC 3745-31-05.
	OAC 3745-17-07(B)	Visible particulate emissions from any fugitive dust source shall not exceed 20% opacity, as a three-minute average, except as specified by rule.
	OAC 3745-17-08(B)	See A.2.b. and c.
See F.		

**2. Additional Terms and Conditions**

- (a) The rotary dryer, hot aggregate elevator and weigh hopper shall be adequately enclosed and vented to a fabric filter. The enclosure shall be sufficient to minimize or eliminate visible emissions of fugitive dust from the points of capture.
  - 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 elevator loading area.
  - The aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions of fugitive dust from the elevator and the transfer point to the dryer.

**B. Operational Restrictions**

1. The annual throughput of asphalt shall not exceed the 200,000 tons per year.
2. The pressure drop across the baghouse shall be maintained within the range of 4-8 inches of water while the emissions unit is in operation.

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

1. The permittee shall maintain monthly records of the total amount of asphalt produced during the month.
2. 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 a daily basis.

**D. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the allowable pressure drop range for the baghouse. These reports shall be submitted to the appropriate Ohio EPA District Office or local air agency within 30 days of the exceedance and list any corrective actions taken to prevent such exceedances in future.
2. The permittee shall submit an annual report indicating the total asphalt production. These reports shall be submitted to the appropriate Ohio EPA District Office or local air agency by February 15 each year and shall cover the previous calendar year.

**E. Testing Requirements**

1. Compliance with the 0.04 g/dscf and the 16.34 lbs/hr PM emissions limits from the fabric filter exhaust shall be determined by the following:

Within 6 months prior to permit expiration, the permittee shall conduct, or have conducted, an emission test(s) for this emissions unit in order to demonstrate compliance with the allowable mass emission rate(s) for particulate matter. The particulate matter test(s) shall be conducted in accordance with the test methods and procedures specified in OAC rule 3745-17-03(B)(10) while the emissions unit is operating at or near maximum capacity.

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 emissions 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).

2. Compliance with OAC 3745-17-07(A) shall be demonstrated by the test methods specified in OAC 3745-17-03(B) (1).
3. Compliance with OAC 3745-17-07(B) shall be demonstrated by the test methods specified in OAC 3745-17-03(B) (3).
4. Compliance with the annual asphalt throughput limit shall be demonstrated by the sum of the monthly records in C.1.
5. Compliance with the fabric filter pressure drop restriction shall be demonstrated by the record keeping requirements in C.2.

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 14-1784 as issued on 12/20/89: A-E.