

Facility ID: 1677120023 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: 1677120023 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>
158 tons per hour asphaltic concrete batch plant controlled with baghouse; includes rotary dryer, hot aggregate elevator, vibrating screens, overhead storage bins, weigh hopper, and pug mill	NSPS (40 CFR Part 60, Subpart I) OAC rule 3745-31-05 (PTI #16-1304)	See A.2.a and A.2.b below.
	OAC rule 3745-17-07(A)(1)	See A.2.c below.
	OAC rule 3745-17-08	See B.1 below.
	OAC rule 3745-17-11	See A.2.c below.
Aggregate storage bins and cold aggregate elevator	OAC rule 3745-17-07(B)(1)	See A.2.d below.
	OAC rule 3745-17-08	See B.2 and B.3 below.

2. Additional Terms and Conditions

- (a) Emissions of particulate matter shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases. Visible emissions shall not exceed 20 percent opacity, as a 6-minute average, from the stack, except as provided by rule. The particulate emission limit specified by this rule is equal to or less stringent than the NSPS limitation specified above. Visible emissions of fugitive dust from the aggregate storage bin and cold elevator loading areas shall not exceed 20 percent opacity, as a 3-minute average.

B. Operational Restrictions

1. 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.
2. 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 aggregate storage bin and cold elevator loading areas.
3. 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.
4. The pressure drop across the baghouse shall be maintained within the range of 3.0 to 8.0 inches of water while the emissions unit is in operation.
5. The permittee shall employ only natural gas as fuel in this emissions unit.
6. This emissions unit has not been approved for the use of recycled asphalt products.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly 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 recommendation, instruction 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 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, while the emissions unit was in operation. These reports shall be submitted in accordance with Section 3 of the General Terms and Conditions of this permit.
- E. Testing Requirements**
1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
The emission testing shall be conducted during the 2000 asphalt production season and within 12 months prior to permit renewal (for particulates only).
The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for particulates.
The following test method(s) shall be employed to determine the mass emission rate(s):

Methods 1-5 of 40 CFR Part 60, Appendix A;

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
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).
 2. Emission Limitation -
Emissions of particulate matter shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases.

Applicable Compliance Method -
Compliance shall be determined by testing requirements in section E.1 above.
 3. Emission Limitation -
Visible emissions shall not exceed 20 percent opacity, as a 6-minute average, from the stack, except as provided by rule.

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.
 4. Emission Limitation -
Visible emissions of fugitive dust from the aggregate storage bin and cold elevator loading areas shall not exceed 20 percent opacity, as a 3-minute average.

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.
 5. 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.
- F. Miscellaneous Requirements**
1. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of the emissions unit.
 2. The permittee is hereby notified that this permit and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.