

Facility ID: 0857191343 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: 0857191343 Emissions Unit ID: P002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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> |
|---|--------------------------------------|--|
| 350 tons/hour, natural gas fired asphaltic concrete batch plant: rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper controlled with baghouse | 40 CFR 60, Subpart I | 0.04 gr/dscf of particulates. |
| | | 20 percent opacity from the stack. |
| | OAC rule 3745-31-05 (PTI 08-1436) | 3.63 tons/year of particulates as a rolling, 12-month summation. |
| | | No visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper. |
| Aggregate storage bins and cold aggregate elevator | OAC rules 3745-17-07 and 3745-17-11 | See A.2.b below. |
| | OAC rule 3745-17-08 | See A.2.c below. |
| | OAC rule 3745-31-05 (PTI 08-1436) | 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. |
| | | The visible emissions of fugitive dust from the elevator loading area shall not exceed 20 percent opacity as a 3-minute average. |
| | OAC rules 3745-17-07 and 3745-17-08 | See A.2.c below. |

2. Additional Terms and Conditions

- (a) Pursuant to OAC rule 3745-31-05, this emissions unit has been approved for the use of recycled asphalt products. The applicable limitations under these rules are equally or less stringent than the applicable limitations of 40 CFR 60, Subpart I. The applicable limitations under these rules are equally or less stringent than the BAT-based limitations above.

B. Operational Restrictions

1. The maximum annual production rate for this emissions unit shall not exceed 250,000 tons per year, based upon a rolling, 12-month summation.
2. To ensure that 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 nor greater than 7 inches of water column shall be maintained at all times while the emissions unit is in

operation.

3. The permittee shall be required to obtain an Ohio EPA Permit to Install prior to employing waste oil as a fuel. Until such time a PTI is obtained, use of waste oil in this emissions unit is prohibited.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. the total quantity of asphalt products produced each month; and
 - b. the rolling, 12-month summation of the monthly production rates.
1. The permittee shall properly operate and maintain a monitoring device capable of accurately measuring, in inches of water column, the pressure drop across the baghouse.
3. The permittee shall check the pressure drop across the fabric filter daily, while the emissions unit is in operation, and shall maintain daily records of the pressure drop readings.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports to the Director (the appropriate District Office or local air agency) which identify all exceedances of the operating restriction on baghouse pressure drop, as required in section B.2.
2. The permittee shall submit deviation (excursion) reports to the Director (the appropriate District Office or local air agency) which identify all exceedances of the rolling, 12-month production rate limitation.
3. The deviation reports shall be submitted in accordance with Part I, General Term and Condition 3 of this permit.
4. The permittee shall submit annual reports of the total production and the calculated emissions of particulates for the preceding calendar year. These reports shall be submitted by January 31 of each year to the Director (the appropriate District Office or local air agency).

E. Testing Requirements

1. Compliance with the emissions limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation -
0.04 gr/dscf of particulates

Applicable Compliance Method -
Compliance shall be demonstrated through stack testing in accordance OAC rule 3745-17-03(B)(10) and 40 CFR 60.93(b)(1) and section E.2 of this permit.

Emission Limitation -
20 percent opacity from the stack

Applicable Compliance Method -
Compliance shall be demonstrated through visible emissions observations in accordance with OAC rule 3745-17-03(B)(1) and 40 CFR 60.93(b)(2).

Emissions Limitation -
20 percent opacity as a 3-minute average

Applicable Compliance Method -
Compliance shall be demonstrated through visible emissions observations in accordance with OAC rule 3745-17-03(B)(3).

Emission Limitation -
no visible emissions from the enclosures

Applicable Compliance Method -
Compliance shall be demonstrated through visible emissions observations in accordance with OAC rule 3745-17-03(B)(4).

Emission Limitation -
3.63 tons/yr of particulates

Applicable Compliance Method -
Compliance shall be determined by multiplying the average hourly emission rate in pounds of particulates per ton of asphaltic concrete production from the most recent compliance test by each rolling, 12-month production summation, and dividing by 2,000 lbs/ton.
2. During the last full production season in which this permit is effective, 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 particulates. The particulates test(s) shall be conducted in accordance with the test methods and procedures specified in Methods 1-5 of 40 CFR 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 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).

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 this source.
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.