

Facility ID: 1677130057 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: 1677130057 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>
Rotary drum mixer, dryer, hot aggregate elevator, vibrating screens, and weigh hopper	OAC rule 3745-17-07	See A.2.a below.
	OAC rule 3745-17-08	See A.2.b below.
	OAC rule 3745-17-11	63.0 lbs/hr of particulate matter
Aggregate storage bins and cold aggregate elevator	OAC rule 3745-17-07	See A.2.c below.
	OAC rule 3745-17-08	See A.2.c and A.2.d below.

2. Additional Terms and Conditions

- (a) The stack opacity limitation shall be less than or equal to 20% opacity as a 6-minute average, except as provided by rule. There shall be no visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper. 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 bins. The visible emissions of fugitive dust from this operation shall be less than or equal to 20% opacity as a 3-minute average. 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 permittee shall combust only natural gas or #2 fuel oil as fuel in this emissions unit.
2. The pressure drop across the baghouse shall be maintained within the range of 2 to 4 inches of water while the emissions unit is in operation.
3. The maximum annual production rate for this emissions unit shall not exceed 500,000 tons based upon a rolling, 12-month summation of the production rates.

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 a daily basis.
2. The permittee shall maintain monthly records which document the hours of operation, the amount of asphalt produced in each calendar month, and the rolling, 12-month summation of production.

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.
2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the allowable production level.

E. Testing Requirements

1. Compliance with the emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

63.0 lbs/hr of particulate matter

Applicable Compliance Method:

Emission tests, conducted in accordance with USEPA Method 5, shall be performed to demonstrate compliance with the hourly emission rate, consistent with OEPA Engineering Guide #16. Compliance with the visible emission limitation for the stack emissions in Section A.2.a of these terms and conditions shall be determined in accordance with the test method and procedures in OAC rule 3745-17-03(B) (1). Compliance with the opacity and "no visible emission" limitations for fugitive dust in Sections A.2.b, A.2.c and A.2.d of these terms and conditions shall be determined in accordance with the test method and procedures of OAC rules 3745-17-03(B)(3) and 3745-17-03(B)(4), respectively.
 2. 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 within six months prior to permit renewal.
 - b. The emission testing shall be conducted to demonstrate compliance with the 63.0 lbs/hr of particulate matter from the fabric filters.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): USAEPA Method 5 of 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.
 3. 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. Pursuant to OAC Rule 3745-31-03 (A)(1)(n), the permittee may relocate this emissions unit within the state of Ohio without first obtaining a permit to install providing the following criteria are met:
 - a. the emissions unit is equipped with the Best Available Control Technology (BACT) for the emissions unit;
 - b. the emissions unit is operating pursuant to a currently effective permit to operate (PTO);
 - c. the permittee has provided proper notice of intent to relocate the source to the Director within a minimum of 30 days prior to the scheduled relocation; and
 - d. in the Director's judgement, the proposed site is acceptable under OAC rule 3745-15-07.
In order for the Director to determine compliance with all of the above criteria the permittee shall file a "Notice of Intent to Relocate " with the Akron Regional Air Quality Management District at least 30 days prior to the relocation. Upon receipt of the notice, the Director or his authorized representative will evaluate the request based on the criteria above.