Facility ID: 0664000076 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: 0664000076 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.

| Operations, Property, and/or Equipment | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| 300 tons per hour rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper | NSPS (40 CFR Part 60, Subpart I) See F.1. | Emissions of particulate matter shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases. |
| | OAC rule 3745-17-07 See F.1. | Visible emissions shall not exceed 20 percent opacity, as a 6-minute average, from the stack, except as provided by rule. |
| | OAC rule 3745-31-05 See F.1. | There shall be no visible emissions of fugitive dust from the enclosure for the hot aggregate elevator, vibrating screens, and weigh hopper.<br><br>25.6 pounds per hour of sulfur dioxide emissions |
| Aggregate storage bins and cold aggregate elevator | OAC rule 3745-31-05 See F.1. | Visible emissions of fugitive dust shall not exceed 20 percent opacity, as a 3-minute average.<br><br>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.<br><br>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. |
| | OAC rule 3745-17-11 | See A.2.2.b. |

2. **Additional Terms and Conditions**

   (a) In accordance with OAC rule 3745-31-05, this emissions unit has been approved for the use of recycled asphalt products.
   The particulate emission limit specified by this rule is less stringent than the NSPS limitation specified above.

B. **Operational Restrictions**

1. 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.

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 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.

   The reports shall be submitted on:

a. July 15 and and shall cover the period from when operation commenced for the calendar year until June 30; and

b. November 15 and shall cover the period from July 1 until October 31.

If no daily pressure drops are out of range during a given period, the permittee shall submit a report which states that no daily pressure drops were out of range during that period. (These reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

2. The permittee shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" form 30 days prior to any planned relocation of this emissions unit (a copy of the form is attached to this permit.) Approval of the planned relocation must be obtained from the Ohio EPA Southeast District Office prior to the relocation.

   In accordance with OAC rule 3745- 31-05 (F), the applicant must demonstrate that the following criteria have been met:

   a. the portable source owner or operator possesses an Ohio EPA permit to install, permit to operate or registration status;

   b. the portable source is equipped with best available technology;

   c. the portable source owner has identified the proposed site to Ohio EPA;

   d. the Ohio EPA has determined that the portable source, at the proposed site, will have an acceptable environmental impact;

   e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

   f. the owner of the proposed site has provided the portable source owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable source to this proposed site; and

   g. the portable source owner has provided Ohio EPA with fifteen days written notice of the relocation.

   Any site approvals issued by Ohio EPA shall be valid for no longer than three years and are subject to renewal.

   The Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

E. **Testing Requirements**

1. Within 12 months prior to the expiration of this permit, the permittee shall conduct, or have conducted, an emission test for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for particulates. The test shall be conducted in accordance with the test methods and procedures specified in OAC rule 3745-17-03 while the source 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 source operating parameters, the time(s) and date(s) of the test, and the person(s) who will be conducting the test. Failure to submit such notification for review and approval prior to the test may result in the field office's refusal to accept the results of the emission test.

   Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test, 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 shall be submitted within 30 days following completion of the test.

2. Compliance with the sulfur dioxide emission limit shall be been determined in accordance with 40 CFR Part 60, Appendix A, Method 8. No testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

3. Compliance with the visible emission limitations for fugitive dust shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 22.

4. Compliance with the visible emission limitation for stack emissions shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.

F. **Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements contained in permit to install number 06-1309 issued for this emissions unit on November 28, 1984: A.1, A.2.2.a and D.1.