

Facility ID: 0536020128 Issuance type: Final State Permit To Operate

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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: 0536020128 Emissions Unit ID: F003 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>
F003 - Sand and Aggregate Storage Piles and Wind Erosion	OAC rule 3745-31-05(A)(3) and PTI 05-11700	The overall particulate emissions (PE) emissions shall be less than 1.0 tons/yr There shall be no visible emissions except for a period of time not to exceed 1 minute during any 60-minute observation period, from the load-in and load-out operation of sand and aggregate from the storage piles. There shall be no visible emissions except for a period of time not to exceed 3 minutes during any 60-minute observation period, from wind erosion of sand and aggregate from the storage piles This emissions unit shall be employ control measures and be equipped with control devices sufficiently to minimize or eliminate particulate, fugitive, and visible emissions. See Sections A.2.b., A.2.c., and A.2.d.
	OAC rule 3745-17-07(B) and 3745-17-08(B)	See Section A.2.a.

2. Additional Terms and Conditions

- (a) The sand and aggregate storage piles are associated with the portable concrete batching plant, emission unit P902, permitted under facility ID 0536020128. The emission limitation of <1.0 TPY fugitive PE represents the maximum emissions which will be emitted from the storage piles for any proposed site for relocation of the portable concrete batching plant.

The storage piles are associated with a portable source and are subject to the requirements of OAC Rule 3745-17-07 (B) and 3745-17-08 (B) when located in a "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rules 3745-17-07 (B) and 3745-17-08 (B) are equivalent or less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).

The permittee shall employ best available technology on all material handling for load-in and load-out for emissions unit F003 for the purpose of ensuring compliance with the above-mentioned applicable requirements. This includes activities used to form, develop and remove material from each storage pile. In accordance with the permittee's permit application, the permittee has committed to prevent the generation of fugitive dust by reducing front-end loader drop heights and use material with sufficient "natural moisture" content to ensure compliance. In addition, the permittee shall employ water suppression and/or chemical dust suppressants, in accordance with BAT, as necessary to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

The above-mentioned control measures shall be employed for each material handling and removal activity at each storage pile, if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

The permittee shall employ best available technology for wind erosion from the surfaces of all storage

piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to use materials with sufficient "natural moisture" content to prevent wind erosion from each storage pile. In addition, the permittee shall employ water suppression and/or chemical dust suppressants, in accordance with BAT, as necessary to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

The above-mentioned control measure(s) shall be employed for wind erosion from each piles if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05 (A)(3).

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform daily inspections of each load-in operation at all storage pile.
2. Except as otherwise provided in this section, the permittee shall perform daily inspections of each load-out operation at all storage pile.
3. Except as otherwise provided in this section, the permittee shall perform daily inspections of the wind erosion from pile surfaces associated with all sand and aggregate material storage pile.
4. No inspection shall be necessary for wind erosion from the surface of a pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event has ended.
5. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for material load-in or load-out of a storage pile, pile working operations, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.
The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
6. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures; and
 - c. the dates the control measures were implemented.
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

These deviation reports shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emissions limitations(s) specified in Section A.1. of these terms and conditions shall be determined in accordance with the following methods(s):
 - a. Emission Limitation -
<1.0 tons PE per year

Applicable Compliance Method -
The maximum potential uncontrolled emission rate was calculated using equations from AP-42 13.2.4 (1/95) and USEPA document Control of Open Fugitive Dust Sources (9/88). Compliance shall be demonstrated through the monitoring and recordkeeping requirements specified in Section C of this permit.
 - b. Emission Limitation -

There shall be no visible particulate emissions from the load-in and load-out operations of the storage piles except for a period of time not to exceed 1 minute during any 60-minute observation period.

Applicable Compliance Method -

Compliance with the visible emission limitation specified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

c. Emission Limitation -

There shall be no visible particulate emissions from wind erosion of the storage piles except for a period of time not to exceed 3 minutes during any 60-minute observation period.

Applicable Compliance Method -

Compliance with the visible emission limitation specified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. **Miscellaneous Requirements**

1. None