

Facility ID: 1413080336 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: 1413080336 Emissions Unit ID: F004 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>
F004 - Aggregate processing plant including crushing, screening, conveying, material handling and a maximum production of 800,000 tons/year	OAC rule 3745-31-05(A)(3) PTI 14-03032	Particulate Emissions (PE) from crushing, screening, conveying and material handling shall not exceed 17.8 tons per year.
	40 CFR, Part 60, Subpart OOO OAC rule 3745-17-07(B)	Particulate matter emissions 10 microns and less in diameter (PM10) from crushing, screening, conveying and material handling shall not exceed 13.2 tons per year.
	OAC rule 3745-17-08(B)	See terms A.2.a through A.2.d. The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3). See terms A.2.e and A.2.f.

2. Additional Terms and Conditions

- (a) Fugitive particulate emissions from any transfer point on belt conveyors and from any other emissions point (excluding crushers and truck dumping) where process materials are not saturated, shall not exceed 10% opacity, except as provided by rule 40 CFR 60.672. Fugitive particulate emissions from any crusher shall not exceed 15% opacity. Fugitive particulate emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin shall not exceed 0% opacity. Fugitive particulate emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line shall not exceed 0% opacity. The aggregate shall be maintained in a moist condition to minimize or eliminate visible emissions of fugitive dust. Free fall distance on product load out operations shall be maintained in order to minimize or eliminate emissions of fugitive dust.

B. Operational Restrictions

1. The maximum annual material throughput for this emissions unit (F004) shall not exceed 800,000 tons per year.
2. Water sprays shall be operated at points necessary to ensure compliance with the visible emission limitations specified in terms A.2.a through A.2.d.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the amount (tons per month and total tons, to date, for the calendar year) of material processed through the primary crusher of this emissions unit.

D. Reporting Requirements

1. A screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to 40 CFR 60.672(h) and subsequently processes unsaturated material shall submit a report of this change within 30 days following such change to the Hamilton County Department of Environmental Services. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in 40 CFR 60.672(b)

- and the emission test requirements of 40 CFR 60.11 and 60.675. A screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in 40 CFR 60.672(h).
2. The permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR, Part 60, Subpart OOO, including the reports of opacity observations using Method 9 to demonstrate compliance with the subpart.
 3. The permittee shall submit annual reports that identify any exceedance of the annual production rate limitation in term B.1 as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year. If no exceedances occurred, the permittee shall state so in the report. Compliance with the production rate assures compliance with the emissions limits in this permit.
 4. All deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit unless otherwise specified.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitations:
Particulate Emissions (PE) from crushing, screening, conveying and material handling shall not exceed 17.8 tons per year.

Particulate matter emissions 10 microns and less in diameter (PM10) from crushing, screening, conveying and material handling shall not exceed 13.2 tons per year.

Applicable Compliance Method:
Compliance with the annual emission limitations shall be demonstrated by using the controlled emission factors in AP-42 Chapter 11.19.2 (revised 8/04) for crushers, screens and conveyors and production data from the facility. Emissions for material handling shall be demonstrated by using the controlled emission factors in AP-42 Chapter 13.2.4. Provided compliance is shown with the annual throughput limitation, compliance with the ton per year PM10 and PE limitations will be ensured.
2. Emission Limitation:
The permittee shall not cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15% opacity.

Applicable Compliance Method:
Compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO.
3. Emission Limitation:
The permittee shall not cause to be discharged into the atmosphere from any transfer point or screen, where the material is not saturated, any fugitive emissions which exhibit greater than 10% opacity.

Applicable Compliance Method:
Compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO.
4. Emission Limitation:
The permittee shall not discharge any visible particulate emissions into the atmosphere from any wet screening operations and subsequent operations, and any screening operations, bucket elevators, and belt conveyors in the production line downstream of wet operations.

Applicable Compliance Method:
Compliance 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, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.
5. Compliance with the production limitation in section B.1 shall be demonstrated by the recordkeeping in section C.1.

F. Miscellaneous Requirements

1. None.