

Facility ID: 1409000630 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: 1409000630 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 - Aggregate Processing	OAC rule 3745-31-05(A)(3) (PTI 14-05682)	Particulate emissions (PE) shall not exceed 12.75 pounds/hour and 18.63 tons/year. Particulate matter emissions 10 microns and less (PM10) shall not exceed 4.46 pounds/hour and 6.52 tons/year. The requirements of this rule also include compliance with the requirements of 40 CFR Part 60 Subpart OOO and OAC rule 3745-17-08(B).
	40 CFR Part 60 Subpart OOO	See term and condition B.3. See terms and conditions A.2.b, A.2.c, A.2.d and A.2.e.
	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than those established pursuant to 40 CFR Part 60, Subpart OOO.
	OAC rule 3745-17-08(B)	See terms and conditions B.1 and B.2.

2. Additional Terms and Conditions

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by wet-mining the aggregate and the use of water sprays, as necessary, to keep the material moist to meet the opacity limitations and compliance with the emissions limitations.
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 percent opacity, except as provided by rule 40 CFR 60.672.
Fugitive particulate emissions from any crusher shall not exceed 15 percent 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 percent 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 percent opacity.
The hourly emission limitations outlined in section A.1. are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.
The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

B. Operational Restrictions

1. Water sprays shall be operated at points necessary to ensure compliance with the visible emission limitations specified in section A.2.b, A.2.c, A.2.d and A.2.e. for crushing, transfer points, screening, and conveying operations.

2. Aggregate product loaded onto trucks shall have a moisture content sufficient to minimize visible emissions of fugitive dust and the loading drop height shall not exceed fifteen (15) feet.
 3. The total amount of aggregate processed by emissions unit F003 shall not exceed 1,330,000 tons per year.
- C. Monitoring and/or Record Keeping Requirements**
1. The permittee shall maintain monthly records of the amount of aggregate processed in emissions unit F003.
- 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 annual reports to the Hamilton County Department of Environmental Services that identify any exceedance of the annual production rate limitation in term and condition B.3 as well as the corrective actions that were taken to achieve compliance. If no exceedances occurred, then the permittee shall state so in the report. These reports shall be submitted by January 30 of each year.
 3. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which specify the total PM and PM10 emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 30 of each year.
- E. Testing Requirements**
1. Compliance with the emission limitations in Section A. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emissions Limitations
 - 12.75 lbs. PE /hr, 18.63 tons PE per year
 - 4.46 lbs. PM10/hr, 6.52 tons PM10 per year
- Applicable Compliance Method:
- Compliance with the pounds/hour and tons/year PM and PM10 emission limitations in section A.1. shall be demonstrated by calculations using the emission factors from US EPA AP-42 Fifth Edition, Table 11.19.2-2, dated 8/2004 and production data in PTI application 14-05682 as submitted on February 10, 2005.
2. Compliance with the production limitation in term and condition B.3 shall be demonstrated by the required records in term and condition C.1.
- F. Miscellaneous Requirements**
1. None