Facility ID: 0575000229 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: 0575000229 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F003 - 150 TPH ConicaVertical Shaft Impact Secondary Crusher-Portable Emissions Unit	OAC rule 3745-31-05	0.2 lb/hr and 0.8 TPY PM
	NSPS 40 CFR Part 60, Subpart OOO	15% opacity, as a 6-minute average (See Section A.2.d.)
	OAC rule 3745-17-11(B)	The limit based on this rule is less stringent than the particulate limit established above as BAT under 3745-31-05.
	OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B)	None (See A.2.b and A.2.c)

2. **Additional Terms and Conditions**

   (a) The hourly emission limitation was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
   This emissions unit is not located in an "Appendix A" area as indicated in OAC rule 3745-17-08. Therefore, the emissions unit is not subject to the RACM requirements established in OAC rule 3745-17-08(B) and the visible emission limitations specified in OAC rule 3745-17-07(B).
   The aggregate materials processed through the primary crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point (s), so that compliance with the opacity requirement(s) specified above is continuously maintained.
   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. The maximum annual production rate for this facility shall not exceed 3,100,000 tons.

C. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.

2. Upon completing the initial visible emission compliance test as specified in Section E.1., the permittee shall conduct visible emission evaluations upon relocation of the emissions unit. The VE evaluations shall be performed during the period of May 1 through September 30. The duration of the Method 9 observations shall be 1 hour at a minimum (ten 6-minute averages and, if applicable, twenty 3-minute averages). The observer must be certified in Method 9 observations and the certification must be current.

D. **Reporting Requirements**

1. The permittee shall submit annual reports that identify any exceedances of the annual production rate limitation for the facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

2. The permittee shall notify the Director [the appropriate Ohio EPA District Office or local air agency (LAA)] of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or LAA) within 30 days after the exceedance occurs.

3. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

   a. Construction date (no later than 30 days after such date);

   b. Anticipated start-up date (not more than 60 days or less than 30 days prior to such date);

   c. Actual start-up date (within 15 days of such date); and

   d. Date of performance testing (if required, at least 30 days prior to testing).

   Reports are to be sent to:

   Ohio Environmental Protection Agency
   DAPC - Permit Management Unit
   P.O. Box 163669
   Columbus, Ohio 43216-3669

   and

   Ohio Environmental Protection Agency
   Southwest District Office
   DAPC
   401 E. Fifth Street
   Dayton, Ohio 45402-2911

E. **Testing Requirements**

1. Within 60 days of reaching maximum production, this facility shall conduct, or have conducted, an opacity test for F003 in order to demonstrate compliance with the specified allowable opacity limitation. The opacity test shall be conducted in accordance with the test method specified in 40 CFR Part 60 Subpart OOO, [reference 60.675].

   Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test (ITT) notification to the Ohio EPA Southwest District Office (OEPA SWDO). The ITT notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the date(s) of the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in OEPA SWDO's refusal to accept the results of the opacity test(s).

   Personnel from OEPA SWDO shall be permitted to witness the test(s). Personnel from this facility shall acquire data and information regarding the source operating parameters (including but not limited to, water flow rates and pressure employed for particulate emission and opacity control at this plant). Data reduction of opacity readings (to determine compliance with opacity limitations) shall be based upon 6-minute averages, and if applicable, 3-minute averages.

   A comprehensive written report of the results of the opacity test(s) (including opacity levels and the source operating parameters) shall be submitted to OEPA SWDO within 30 days following completion of the test(s).

2. Compliance with the emission limitation in this permit for emissions unit F003 shall be determined in accordance with the following method(s):
   Emission Limitation

   0.2 lb/hr PM

   Applicable Compliance Method

   Compliance shall be determined by multiplying the maximum hourly production rate of 150 tons/hour by the emission factor of 0.001239 lb/ton, as specified in AP-42, Table 11.19.2-2.
   Emission Limitation

   0.8 TPY PM

   Applicable Compliance Method

   Compliance shall be based upon the record keeping specified in section C.1., summing the 12 monthly production records for the calendar year, and then multiplying the sum by the emission factor of 0.001239 lb/ton, as specified in AP-42, Table 11.19.2-2., and dividing by 2,000 pounds per ton.
   Emission Limitation

   15% opacity, as a 6-minute average

   Applicable Compliance Method

   Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.
   Emission Limitation

   20% opacity, as a 3-minute average

   Applicable Compliance Method

   Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

F. **Miscellaneous Requirements**

1. Notice to Relocate a Portable or Mobile source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

a. The portable emissions unit is equipped with the best available control technology for such portable emissions unit;

b. The portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);

c. The applicant has provided proper notice of intent to relocate the portable emissions unit to OEPA SWDO and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,

d. In OEPA's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the OAC.

2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

a. The portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

b. The portable emissions unit is equipped with best available technology;

c. The portable emissions unit owner has identified the proposed site to Ohio EPA;

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

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

f. The owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that is acceptable to the site owner to move the portable emissions unit to this proposed site; and,

g. The portable emissions unit owner has provided Ohio EPA within fifteen days written notice of the relocation.

3. Any site approvals issued by the Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.