

Facility ID: 1431083231 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: 1431083231 Emissions Unit ID: F003 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
aggregate processing	OAC rule 3745-31-05(A)(3) (PTI 14-4659)	14.76 lbs/hr of particulate emissions (PE) 16.4 tons per year (TPY) of PE 7.38 lbs/hr of particulate matter with a diameter of 10 microns or smaller (PM10) 8.2 TPY of PM10
	40 CFR, Part 60, Subpart OOO	See A.2. The visible particulate emission limitation specified by this rule is the same as the visible particulate emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(B)(1)	The visible particulate emission limitation specified by this rule is the same as the visible particulate emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08(B)	The reasonably available control measures (RACM) required by this rule are the same as or less stringent than those established pursuant to OAC rule 3745-31-05(A)(3). See A.2.

2. Additional Terms and Conditions

- (a) Visible particulate emissions of fugitive dust from transfer points and screening and conveying operations shall not exceed 10% opacity.
Visible particulate emissions of fugitive dust from crushing operations shall not exceed 15% opacity.
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 15 feet.
Water sprays shall be operated at points necessary to ensure compliance with the visible particulate emission limitations specified in this permit for crushing, transfer points, screening, and conveying operations.
The hourly emission limitations specified above are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.
Except as otherwise specified by terms and conditions A.2.a and A.2.b, visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a three-minute average.

B. Operational Restrictions

1. The total amount of aggregate processed by this emissions unit shall not exceed 1,000,000 tons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records that document the total amount of aggregate processed, in tons, in this emissions unit.
2. The permittee shall calculate and record each year the total amount of aggregate processed, in tons, in this emissions unit (this is calculated by summing the monthly amount of aggregate processed from C.1, for the calendar year).
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather

conditions allow, for any visible particulate emissions from this emissions unit. The presence or absence of any visible particulate emissions shall be noted in an operations log. If visible particulate emissions are observed, the permittee shall also note the following in the operations log:

- a. the location of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any abnormal visible emission incident; and
- e. any corrective actions taken to eliminate the abnormal visible emissions.

D. Reporting Requirements

1. The permittee shall submit annual reports that identify any exceedances of the annual aggregate production rate limitation, as well as any corrective actions that were taken to achieve compliance. These reports shall be submitted by January 30 of each year.
2. The permittee shall submit annual reports that specify the total PE and PM10 emissions for the previous calendar year. These reports shall be submitted by January 30 of each year.
3. The permittee shall submit semiannual written reports that (a) identify all days during which any abnormal visible particulate emissions were observed from the emissions unit and (b) describe any corrective actions taken to eliminate the abnormal visible particulate emissions. These reports shall be submitted to the Hamilton County Department of Environmental Services by January 31, and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 and the annual production limitation in Section B.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:
Visible PE of fugitive dust from transfer points, screening, and conveying operations shall not exceed 10% opacity; visible PE of fugitive dust from crushing operations shall not exceed 15% opacity.

Applicable Compliance Method:
Compliance with the above visible PE limitations of fugitive dust shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60, Appendix A ("Standards of Performance for New Stationary Sources").
Emission Limitations:
14.76 lbs/hr of PE and 16.4 TPY of PE
7.38 lbs/hr of PM10 and 8.2 TPY of PM10

Applicable Compliance Methods:
Compliance with the above emission limitations shall be determined by the emission factors from the RACM document, Table 2.18-1 (page 2-378), appropriate control efficiencies, and the assumption that PM10 is 50% of the total PE.
Processed Material Limitation:
1,000,000 TPY of aggregate

Applicable Compliance Method:
Compliance with the annual production limitation shall be determined by the records maintained pursuant to Section C.2.
Emission Limitation:
Visible PE of fugitive dust from all sources other than those described in Section E.1.a shall not exceed 20% opacity, as a three-minute average.

Applicable Compliance Method:
Compliance with this visible PE limitation shall be determined pursuant to OAC rule 3745-17-03(B)(3).

F. Miscellaneous Requirements

1. None