

Facility ID: 1431073840 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: 1431073840 Emissions Unit ID: F001 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>
Bulk Material Handling and Processing (All Materials)	OAC rule 3745-31-05 PTI 14-3693	PM: 12.3 lbs/hr*, 8.61 TPY PM10: 4.5 lbs/hr*, 3.15 TPY Visible particulate emissions shall not exceed 20% opacity, as a three-minute average, except by rule. * The hourly emission limitations are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.
	OAC rule 3745-17-07(B)(1)	Same as limitation established pursuant to OAC rule 3745-31-05.
Bulk Material Handling and Processing of Coal	OAC rule 3745-17-08(B) 40 CFR, Part 60, Subpart Y	See A.2. Less stringent than limitations established pursuant to OAC rule 3745-31-05.

2. Additional Terms and Conditions

- (a) A suitable dust suppressant shall be applied as needed during barge unloading, crushing, screening, conveying, and load-in to and load-out from storage, of all materials handled to ensure compliance with the visible emission limitation in Section A.1. of these terms and conditions and to minimize or eliminate visible particulate emissions of fugitive dust.
All conveyers used during unloading and material processing shall be covered.

B. Operational Restrictions

1. No more 350,000 tons per year of material, based on a rolling, 12-month summation, shall be received, processed, or stored at this facility.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The amount of each material received.
 - b. The rolling, 12-month summation of all materials received.

D. Reporting Requirements

1. The permittee shall submit semi-annual reports to the Hamilton County Department of Environmental that summarize the total amount of each material received during each calendar month and the rolling, 12-month summation of all materials received. These semi-annual reports shall be submitted by January 30 and August 30 of each year and shall cover the previous six calendar months.
2. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services that summarize the total PM and PM10 emissions during each calendar year. These annual reports shall be submitted by January 30 of each year and shall cover the previous twelve calendar months.

E. Testing Requirements

1. Compliance with the annual particulate emission limitations in Section A.1. of these terms and conditions shall be determined by summing the results of the following equations:
 - a) Crane Unloading
 $0.046 \text{ lb/ton} \times (1-0.8) \times T \times 1/2000$
 - b) Transfer & Conveying
 $0.2 \text{ lb/ton} \times (1-0.8) \times T \times 1/2000$
 - c) Crushing & Screening
 $0.16 \text{ lb/ton} \times (1-0.8) \times T \times 1/2000$
 - d) Loading
 $0.02 \text{ lb/ton} \times (1-0.8) \times T \times 1/2000$where:
T = material throughput, in tons per year
 2. Compliance with the hourly particulate emission limitations in Section A.1. of these terms and conditions shall be determined by multiplying each of the equations in Section E.1. by 2000 lbs/ton, where T is the material throughput, in tons per hour, and summing the results of the equations.
 3. Compliance with the visible emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with Method 9 of 40 CFR, Part 60, Appendix A, except that the data reduction procedures shall be performed in three-minute averages rather than six-minute averages.
 4. Compliance with the material throughput limitation given in Section B.1 of these terms and conditions shall be determined by the recordkeeping performed in accordance with Section C.1.
- F. **Miscellaneous Requirements**
1. If probable cause exists indicating this emissions unit is causing or contributing to a nuisance in violation of OAC rule 3745-15-07, the permittee shall be required to submit and implement a control program which will bring this emissions unit into compliance.
 2. At least 30 days prior to storing materials other than coal on the premises, the permittee shall provide written notification to the Hamilton County Department of Environmental Services. Such notification shall include information, in an acceptable form, sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and will be controlled by the measures as specified in this permit.