

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: 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>
Railcar Loading	OAC rule 3745-31-05 (PTI 14-4685)	PM: 10.0 lbs/hr*, 7.0 TPY PM10: 3.7 lbs/hr*, 2.6 TPY See term A.2. * The hourly emission limitation is based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this limit.
	OAC Rule 3745-17-07(B)(1)	Same as limitation established pursuant to OAC rule 3745-31-05.
	OAC rule 3745-17-08(B)	Same as control measures established pursuant to OAC rule 3745-31-05.
Railcar Loading (coal only)	40 CFR, Part 60, Subpart Y	Less than limitations established pursuant to OAC rule 3745-31-05.

2. Additional Terms and Conditions

- (a) Visible particulate emissions shall not exceed 20 percent opacity, as a three-minute average, except as specified by rule.
A suitable dust suppressant shall be applied as needed during railcar loading to minimize or eliminate visible emissions of fugitive dust.
The drop height of the front-end loader during railcar loading shall be minimized to eliminate visible emissions of fugitive dust.

B. Operational Restrictions

1. The maximum annual material loading rate for this emissions unit shall not exceed 350,000 tons.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the type and amount, in tons, of each material loaded into railcars.

D. Reporting Requirements

1. The permittee shall submit annual reports that summarize the type and total amount, in tons, of each material loaded into railcars. These reports shall be submitted by January 30 of each year.

E. Testing Requirements

1. Compliance with the railcar loading rate limitation in Section B. of these terms and conditions shall be determined by the records maintained pursuant to Section C.1.
2. Compliance with the particulate emission limitations in Section A.1. shall be determined as follows:
For hourly emissions
0.4 x H x (1-0.9)

For yearly emissions

$$0.4 \times T \times (1-0.9) \times 1/2000$$

where:

H = hourly material loading rate, in tons per hour

T = yearly material throughput, in tons per year

3. Compliance with the visible emission limitation in Section A.1. shall be determined in accordance with OAC rule 3745-17-03(B)(3).

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 owner or operator of this emissions unit 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 loading materials other than coal or iron ore into railcars, the permittee shall provide written notification to the Hamilton County Department of Environmental Services. Such notification shall include information 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 control requirements as specified in this permit.