

Facility ID: 0627010066 Issuance type: Final State Permit To Operate

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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: 0627010066 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>
coal conveyors, coal transfer points, coal loading of barges, other miscellaneous coal handling	OAC rule 3745-31-05(A)(3) PTI # 06-3913 issued 6/14/00	20 percent opacity, as a 3-minute average; best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See sections A.2.a - A.2.d.
		0.99 ton per year of particulate emissions

2. Additional Terms and Conditions

- (a) The coal transfer operations in existence on 6/14/00 (the effective date of PTI # 06-3913) which are covered by this permit and subject to the requirements of this permit are listed below:

coal conveyors
coal transfer points
loading of coal into barges
other miscellaneous coal handling

In accordance with paragraph A.2.c., the permittee shall employ best available control measures on all coal conveyors, coal transfer points, coal loading stations for barges, and other miscellaneous coal handling operations for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the coal transferred through these operations with water sprays at sufficient treatment frequencies. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance, such as the use of adequate enclosure.

For each coal conveyor, coal transfer point, coal loading station for barges, and other miscellaneous coal handling operation that is not adequately enclosed, such conveyor, transfer point, barge loading station, or other miscellaneous coal handling operation shall be treated with water if the permittee determines, as a result of the inspections conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Such inspections must only be performed when the facility is in operation. Any required implementation of the control measures shall continue during operation of any coal conveyor, coal transfer point, coal loading station for barges, or other miscellaneous coal handling operation until further observation confirms that use of the control measures is unnecessary.

Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except for coal transfer operations that are adequately enclosed, the permittee shall perform inspections of all coal transfer operations in accordance with the following frequencies:

coal transfer operation minimum inspection frequency

coal conveyors daily when facility is in operation
coal transfer points daily when facility is in operation

barge loading daily when facility is in operation
 other miscellaneous coal handling daily when facility is in operation

2. The above-mentioned inspections for coal transfer operations shall be performed during representative, normal operating conditions.
3. The permittee may, upon receipt of written approval from the Ohio EPA, Southeast District Office, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented;
 - d. if control measures are suspended pursuant to paragraph A.2.c. because of impossible, unsafe or hazardous conditions, documentation of those conditions; and,
 - e. on a calendar quarter basis, the total number of days the control measures were implemented, and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information in 4.e. shall be kept separately for each coal transfer operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and,
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements below.
 - a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the Ohio EPA, Southeast District Office.
 - b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA, Southeast District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)
3. The permittee shall submit a written report that describes the results of the audits required by section E.2., including copies of the visible emissions readings, to Ohio EPA, Southeast District Office within thirty days after each audit is conducted.

E. Testing Requirements

1. Compliance with the visible emission limitations identified above shall be determined in accordance with the following methods:
 Emission Limitations

20 percent opacity, as a 3-minute average, for coal conveyors, coal transfer points, coal loading of barges, and other miscellaneous coal handling operations

Applicable Compliance Method

Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modification listed in paragraph (B)(3)(a) of OAC rule 3745-17-03.

Emission Limitation

0.99 ton per year of particulate emissions

Applicable Compliance Method

Compliance with the 0.99 ton per year limit shall be determined based upon emission calculations using AP-42 emissions factors in Section 11.2.3.
2. In the Consent Decree entered in State of Ohio vs. Sands Hill Coal Company, Inc. on April 1, 1999, the permittee agreed to perform the following supplemental environmental project:

For the next five years, the permittee is hereby required to perform four compliance audits per year, once per calendar quarter, except that if any audit documents a violation of the permit limits, the permittee shall conduct another audit during the same calendar quarter. If the permittee does not operate for any entire calendar quarter, it does not need to perform the audit that quarter. Each audit must review and report on the permittee's

compliance with any permits issued to the permittee for this facility. In addition, the contractor or auditor must be certified to perform visible emission readings, and shall take the following readings during each audit:

- a. for one of the material transfer operations, 1 hour of visible emission readings using U.S. EPA Method 9.

The permittee shall submit a written report that describes the results of the audits, including copies of the visible emissions readings, to Ohio EPA, Southeast District Office within thirty days after each audit is conducted.

F. **Miscellaneous Requirements**

1. None