

Facility ID: 0204010233 Issuance type: Draft 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: 0204010233 Emissions Unit ID: F004 Issuance type: Draft 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>
Silo loading/ unloading operations, and ship loading operations.	OAC rule 3745-17-07(B)(1) OAC rule 3745-17-08(B), (B)(2)	Visible emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See sections A.2.b through A.2.d.)

**2. Additional Terms and Conditions**

- (a) The material handling operations that are covered by this permit and subject to the requirements of OAC rules 3745-17-07 and 3745-17-08 are listed below:

silos loading/unloading operations:  
 3 silos equipped with an enclosed top feed, rotary chute  
 6 internal silo feed conveyor belts 1A, 1B, 2A, 2B, 3A and 3B  
 conveyor belts #3 through 6, including transfer points TP 3-4, TP 5-6 and TP 6-7

ship loading operations:  
 ship loader (conveyor belt #7) with enclosed telescopic chute

description:  
 i. coal transfer from conveyor #3 (main yard conveyor) to conveyor #4 (conveyor leading to the silos) via TP 3-4  
 ii. coal transfer from conveyor #4 to silos (3 surge silos) via enclosed rotary chute  
 iii. coal transfer from silos (2 feeder belts in each silo, total of 6 belts) to conveyor #5 (runs through the silos)  
 iv. coal transfer from conveyor #5 to conveyor #6 via TP 5-6 (dock conveyor)  
 v. coal transfer from conveyor #6 to ship loader (conveyor belt #7) via TP 6-7  
 vi. coal transfer from the ship loader equipped with enclosed telescopic chute to the haul of a ship  
 The permittee shall employ reasonably available control measures for the above-identified material handling operation(s) 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 perform the following control measure(s) to ensure compliance:

material handling operations:

3 silos equipped with an enclosed top feed, rotary chute; conveyor belts #3 through 6, and internal silo conveyor belts 1A, 1B, 2A, 2B, 3A and 3B; and transfer points TP 3-4, TP 5-6 and TP 6-7

control measures:

application of sufficient water, as needed, to control dust emissions from conveyors and transfer points, and to maintain enclosure around rotary chute  
 material handling operations:

ship loading operations: a ship loader (conveyor belt #7) with enclosed telescopic chute

control measures:

the ship loader's telescopic chute shall be positioned during river loading so as to minimize the coal drop height to the ship's hold, and to maintain enclosure around telescopic chute

Nothing in this paragraph shall prohibit the permittee from employing additional control measures to ensure compliance.

The above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08.

**B. Operational Restrictions**

1. None

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

1. The permittee shall perform inspections of this emissions unit in accordance with the following minimum frequency:

material handling operation(s) minimum inspection frequency

silos operations once/loading day

ship loading operations during each vessel loading

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
3. The permittee shall maintain records of the following information:

- a. the date and reason any required inspection was not performed;
- b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
- c. the dates the control measure(s) was (were) implemented; and
- d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in section C.3.d 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 quarterly deviation reports that identify any of the following occurrences:
  - a. each day during which an inspection was not performed by the required frequency; and
  - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

**E. Testing Requirements**

1. Compliance with the emission limitation in section A.1 of these terms and conditions shall be determined in accordance with the following method:  
Emission Limitation:

Visible emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average.

Applicable Compliance Method:

If required, compliance with the visible particulate emission limitation for the material handling operation(s) identified above shall be determined in accordance with 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 modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

**F. Miscellaneous Requirements**

1. None