

Facility ID: 1431071584 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: 1431071584 Emissions Unit ID: B005 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>
18.4 MMBtu/hr coal fired boiler w/ multiclones	OAC 3745-31-05 (PTI 14-412)	0.20 lb PM/MMBtu of actual heat input and 1.44 TPY PM.
		1.6 lbs SO2/MMBtu of actual heat input and 7.2 TPY SO2.
		12.83 lbs NOx/hr and 2.9 TPY NOx.
		14.85 lbs CO/hr and 3.3 TPY CO.
	OAC 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.
	OAC 3745-17-10(C)(7)	Less stringent than the PM emissions limits outlined in OAC 3745-31-05.
	OAC 3745-18-37(A)	Less stringent than the SO2 emissions limits outlined in OAC 3745-31-05.

2. **Additional Terms and Conditions**
 - None

B. Operational Restrictions

1. Coal usage shall not exceed 600 tons per year.
2. The permittee shall operate the emissions unit in compliance with the following requirements, pursuant to OAC rule 3745-17-10(C)(7):
 - a. The fuel burning equipment identified in this permit shall be used exclusively for space heating purposes.
 - b. The coal received for use in the fuel burning equipment must have an ash content of less than 8.0 percent by weight and a heat content of greater than 13,000 Btu per pound. (Ash content and heat content shall be determined on a dry basis in accordance with the procedures specified in paragraph (B)(6) of OAC rule 3745-17-03.)
 - c. The use of flyash reinjection in the fuel burning equipment is prohibited.
 - d. The permittee shall employ an overfire air system which is designed, maintained and operated in accordance with good engineering practice and which minimizes visible emissions from the fuel burning equipment.
 - e. The fuel burning equipment shall be operated and maintained in a manner which will optimize combustion efficiency and minimize visible emissions.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the permittee or coal supplier's analysis (dry basis) for each shipment of coal received for burning in this emissions unit, as well as the total quantity of coal received in each shipment (tons). (The permittee or coal supplier's analyses shall document the ash content (percent) and heat content (Btu/pound) of each shipment of coal.)

2. The permittee shall maintain monthly records of the tons of coal "burned" in this emissions unit.

D. Reporting Requirements

1. The permittee shall submit copies of the permittee or coal supplier's analyses (dry bases) for each shipment of coal received for burning in this emissions unit. The total quantity of coal received in each shipment (tons) shall also be included with the copies of the permittee or coal supplier's analyses.

These reports shall be submitted during January and July of each year and shall cover the coal shipments received during the previous semiannual period (July through December, and January through June, respectively). If no coal is received during any semiannual period, a report saying so is still required.

E. Testing Requirements

1. Compliance with the lb/MMBtu and lb/hr PM, SO₂, NO_x and CO emissions limit shall be demonstrated by using the emissions factors from AP-42 5th. Edition Table 1.1-1 (Underfeed Stokers w/multiclones) Chapter 1 for External Combustion Sources.

If required, the permittee shall demonstrate compliance with the PM emissions limit by performing an emissions test in accordance with Method 5 of 40 CFR Part 60, Appendix A.

If required, the permittee shall demonstrate compliance with the SO₂ emissions limit by performing an emissions test in accordance with Method 6 of 40 CFR Part 60, Appendix A.

2. Compliance with the annual PM, SO₂, NO_x and CO emissions limits shall be demonstrated by the record keeping requirements in C.1. and C.2.
3. Compliance with OAC 3745-17-07(A) shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(1).

F. Miscellaneous Requirements

None