

Facility ID: 0679010110 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: 0679010110 Emissions Unit ID: P016 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>
Shuttle kiln number 3	OAC rule 3745-31-05(A)(3) PTI # 06-06949 issued 7/25/02	Emissions of carbon monoxide shall not exceed 0.6 lb/hr, 2.7 tons/yr.
	OAC rule 3745-17-11(A)	The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 pounds per hour as determined using the particulate emission factor of 0.37 lb/ton obtained from AP42, Volume I, 5th Edition, Chapter 11, Section 11.3, Table 11.3-1, dated August, 1997. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. In addition, Table I of OAC rule 3745-17-11 does not apply pursuant to OAC rule 3745-17-11(A)(2)(b)(ii).
	OAC rule 3745-17-07(A)	This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because the emissions unit is not subject to the requirements of OAC rule 3745-17-11.
	OAC rule 3745-18-06(E)(2)	Emissions of sulfur dioxide shall not exceed 18.9 lbs/hr.

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

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

Emissions of carbon monoxide shall not exceed 0.6 lb/hr, 2.7 tons/yr.

Applicable Compliance Method:

Compliance with the pound per hour emission limits above shall be determined by a one time calculation of the maximum hourly gas usage rate (6568 scf per hour) multiplied by the emission factor for carbon monoxide

(0.000084 lb/scf) found in AP-42 Chapter 1.4, Table 1.4-1 (7/98). Annual emission rates are calculated by multiplying the hourly emission rate by 8760 hours per year and dividing by 2000 lbs/ton.

Emission testing is not specifically required to demonstrate compliance with this emission limit, but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A). Emission testing, if required, shall be conducted in accordance with approved methods from 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA

Emission Limitation:

Emissions of sulfur dioxide shall not exceed 18.9 lbs/hr.

Applicable Compliance Method:

Compliance with the pound per hour emission limit above shall be determined by a calculation of the maximum hourly process weight rate (0.5 ton per hour) multiplied by the emission factor for sulfur dioxide (0.67 lb/ton) found in AP-42 Chapter 11.3, Table 11.3-3 (8/97).

If required, compliance shall be demonstrated based upon the emission testing requirements specified in OAC rule 3745-18-04 and the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 6.

F. Miscellaneous Requirements

1. None