

Facility ID: 1667060043 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: 1667060043 Emissions Unit ID: B003 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>
20.9 MM Btu/hr natural gas-fired boiler	OAC rule 3745-31-05 (PTI 16-1469)	2.92 lbs/hr of nitrogen oxides (NOx)
	OAC rule 3745-17-10	0.73 lb/hr of carbon monoxide (CO)
	OAC rule 3745-17-07(A)	0.020 pound of particulate emissions (PE) per million Btu of actual heat input
	40 CFR Part 60, Subpart Dc	Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as provided by rule. See C.1 below.

2. **Additional Terms and Conditions**
 - (a) The hourly NOx and CO emission limits are based on the emissions unit's potential to emit. Therefore, no recordkeeping, deviation reporting, or emissions calculations are required to demonstrate compliance with these limits.

B. Operational Restrictions

1. The permittee shall employ only natural gas as fuel in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. Pursuant to 40 CFR Part 60 Subpart Dc, the permittee shall record and maintain records of the amount of natural gas combusted during each calendar month.
2. 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 in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

0.020 pound of PE per million Btu of actual heat input

Applicable Compliance Method:

Compliance with the allowable PE limitation above shall be demonstrated by dividing the AP-42 PE factor of 7.6 pounds of PE per million standard cubic feet (scf) burned* by 1020 scf/Btu**.

If required, compliance with the allowable PE limitation above shall be determined by using the test method(s) and procedures in Methods 1-5 of 40 CFR Part 60, Appendix A and OAC rule 3745-17-03(B)(9).

*Emission factor is from AP-42, Table 1.4-2, dated 7/98.

**Conversion factor is from footnote "a" under Table 1.4-2 in AP-42, dated 7/98.

Emission Limitation

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method

Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60 ("Standards of Performance for New Stationary Sources"), Appendix A, U.S. EPA Reference Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

Emission Limitation:

2.92 lbs/hr of NOx

Applicable Compliance Method:

Compliance with the hourly allowable NOx emission limitation above shall be demonstrated by dividing the AP-42 NOx emission factor of 100 pounds of NOx per million standard cubic feet (scf) burned* by 1020 scf/Btu** times the maximum input capacity (20.9 MM Btu/hr).

If required, compliance with the hourly allowable NOx emission limitation above shall be determined by using the test method(s) and procedures in Methods 1-4 and 7, 7A, 7C, 7D, or 7E, as appropriate, of 40 CFR Part 60, Appendix A.

*Emission factor is from AP-42, Table 1.4-1, dated 7/98.

**Conversion factor is from footnote "a" under Table 1.4-1 in AP-42, dated 7/98.

Emission Limitation:

0.73 lb/hr of CO

Applicable Compliance Method:

Compliance with the hourly allowable CO emission limitation above shall be demonstrated by dividing the AP-42 CO emission factor of 35 pounds of CO per million standard cubic feet (scf) burned* by 1000 scf/Btu times the maximum input capacity (20.9 MM Btu/hr).

If required, compliance with the hourly allowable CO emission limitation above shall be determined by using the test method(s) and procedures in Methods 1-4 and 10 or 10B, as appropriate, of 40 CFR Part 60, Appendix A.

*Emission factor is from AP-42, Table 1.4-1 (published 10/96).

F. Miscellaneous Requirements

1. None