

Facility ID: 0684000209 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: 0684000209 Emissions Unit ID: P001 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>
149 hp compressor engine - ID gas transport #7	OAC rule 3745-31-05(A)(3) (PTI 06-6504)	0.35 lb/hr of particulate emissions
		1.53 tpy of particulate emissions
		0.89 lb/hr of carbon monoxide (CO)
		3.9 tpy of CO
		4.96 lbs/hr of nitrogen oxides (NOx)
		21.7 tpy of NOx
		0.72 lb/hr of organic compounds (OC)
		3.2 tpy of OC
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
	OAC rule 3745-17-11(B)(5)(a)	Particulate emissions shall not exceed 0.310 pound per million Btu (lb/mmBtu) of actual heat input.

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

B. Operational Restrictions

1. The permittee shall burn only natural gas as fuel 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 the 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 emission 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:

Particulate emissions shall not exceed 0.310 lb/mmBtu of actual heat input.

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.31 lb/mmBtu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

Emission Limitation:

0.35 lb/hr of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the maximum hourly gas burning capacity of the emissions unit (1.13 mmBtu/hr) by the AP-42 emission factor (1992 revision) for diesel fuel (0.31 lb/mmBtu). Note: There is no emission factor for burning natural gas but it is assumed to burn at least as clean as diesel fuel.

No emission testing is specifically required to demonstrate compliance with this limit but, if required, pursuant to OAC 3745-15-04(A), the permittee shall demonstrate compliance with the particulate emission limit in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

Compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03 (B)(1). No visible emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

Emission Limitation:

0.89 lb/hr of CO

Applicable Compliance Method:

This emission limitation was established by multiplying the maximum horsepower of the emissions unit (149 hp) by the manufacturer's emission factor of 0.00595 lb of CO/hp-hr.

No emission testing is specifically required to demonstrate compliance with this limit but, if required, pursuant to OAC 3745-15-04(A), the permittee shall demonstrate compliance with the CO limit in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10.

Emission Limitation:

4.96 lbs/hr of NOx

Applicable Compliance Method:

This emission limitation was established by multiplying the maximum horsepower of the emissions unit (149 hp) by the manufacturer's emission factor of 0.0332 lb of NOx/hp-hr.

No emission testing is specifically required to demonstrate compliance with this limit but, if required, pursuant to OAC 3745-15-04(A), the permittee shall demonstrate compliance with the NOx limit in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7.

Emission Limitation:

0.72 lb/hr of OC

Applicable Compliance Method:

This emission limitation was established by multiplying the maximum horsepower of the emissions unit (149 hp) by the manufacturer's emission factor of 0.00485 lb of OC/hp-hr.

No emission testing is specifically required to demonstrate compliance with this limit but, if required, pursuant to OAC 3745-15-04(A), the permittee shall demonstrate compliance with the OC limit in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25.

Emission Limitations:

1.53 tpy of particulate emissions

3.9 tpy of CO

21.7 tpy of NOx

3.2 tpy of OC

Applicable Compliance Method:

These emission limitations were established by multiplying the appropriate allowable hourly emission rate by the maximum annual hours of operation of 8,760 hours, and then dividing by 2,000 lbs/ton. Compliance with these emission limitations can be assumed provided the permittee complies with the hourly emission limitations.

F. **Miscellaneous Requirements**

1. None