

Facility ID: 0664000160 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: 0664000160 Emissions Unit ID: P002 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>
300 HP Natural Gas Fired Reciprocating Compressor Engine	OAC rule 3745-17-11(B)(5)(a)	Particulate emissions (PE) from this emissions unit shall not exceed 0.310 pound per million Btu (lb/mmBtu) of actual heat input.
	OAC rule 3745-17-07(A)	PE from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible PE shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.
	OAC rule 3745-18-06(F)	Sulfur dioxide emissions from this emissions unit shall not exceed 0.50 pound per mmBtu actual heat input.

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 in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
0.310 lb PE/mmBtu actual heat input.

**Applicable Compliance Method:**

Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors", fifth edition, section 3.2, table 3.2-2 for Heavy Duty Natural Gas-Fired Pipeline Compressor Engines (5.55E-06 lbs/HP-HR for particulate emissions from 4-cycle rich burn engines & 6.153E-07 lbs/HP-HR for PE from 4-cycle lean burn engines). If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the PE limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).

**Emissions Limitation:**

Visible PE from the exhaust stack serving this emissions unit shall not exceed 20 percent opacity, as a 6-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible PE shall not exceed sixty (60) percent opacity, as a 6-minute average, at any time.

**Applicable Compliance Method:**

Compliance shall be determined through visible emission observations 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 required pursuant to OAC rule 3745-15-04(A).

Emission Limitation:

0.50 pound sulfur dioxide per mmBtu of actual heat input.

Applicable Compliance Method:

Compliance shall be assumed due to the negligible percent sulfur, by weight, in the fuel. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance using data derived by the U.S. EPA approved custom sulfur monitoring protocol conducted for the compliance period.

**F. Miscellaneous Requirements**

1. None