

Facility ID: 1677010219 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: 1677010219 Emissions Unit ID: B001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
air compressor engine no. 1	OAC rule 3745-31-05 (PTI 16-1849)	3.8 lbs/hr of nitrogen oxides (NOx) 6.9 tpy of NOx
		0.25 lb/hr of carbon monoxide (CO) 0.46 tpy of CO
		0.025 lb/hr of volatile organic compounds (VOC) 0.046 tpy of VOC
	OAC rule 3745-17-11(B)(5)	0.33 lb/hr of particulates 0.59 tpy of particulates
	OAC rule 3745-17-07(A)	See A.2.a below.

2. **Additional Terms and Conditions**
  - (a) Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

**B. Operational Restrictions**

1. The permittee shall burn only natural gas in this emissions unit.
2. The maximum annual operating hours for this emissions unit shall not exceed 3,640.

**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.
2. The permittee shall maintain monthly records of the operating hours for 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.
2. The permittee shall submit annual reports of the total operating hours for this emissions unit. These reports shall be submitted by January 31 of each year to the Director (District Office or Local Air Agency).

**E. Testing Requirements**

1. Compliance with the emission limitations in sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:

3.8 lbs/hr of NOx  
6.9 tpy of NOx

Applicable Compliance Method:

The 3.8 lbs/hr emissions limitation was developed by multiplying the NOx emission factor of 15.0 grams of NOx per brake horsepower hour times the brake horsepower of 115, divided by the conversion factor of 454 grams

per pound. The 6.9 tpy limitation was developed by multiplying the hourly emission rate limitation by the maximum annual operating schedule of 3,640 hrs/yr and dividing by the conversion factor of 2000 lbs/ton. Compliance shall be based upon the 12-month summation of the number of operating hours times the 3.8 lbs/hr emissions limitation, divided by 2,000 lbs/ton.

Emission Limitation:

0.25 lb/hr of CO  
0.46 tpy of CO

Applicable Compliance Method:

The 0.25 lb/hr emissions limitation was developed by multiplying the CO emission factor of 1.0 gram of CO per brake horsepower hour times the brake horsepower of 115, divided by the conversion factor of 454 grams per pound. The 0.46 tpy limitation was developed by multiplying the hourly emission rate limitation by the maximum annual operating schedule of 3,640 hrs/yr and dividing by the conversion factor of 2000 lbs/ton. Compliance shall be based upon the 12-month summation of the number of operating hours times the 0.25 lb/hr emissions limitation, divided by 2,000 lbs/ton.

Emission Limitation:

0.025 lb/hr of VOC  
0.046 tpy of VOC

Applicable Compliance Method:

The 0.025 lb/hr emissions limitation was developed by multiplying the VOC emission factor of 0.1 gram of VOC per brake horsepower hour times the brake horsepower of 115, divided by the conversion factor of 454 grams per pound. The 0.046 tpy limitation was developed by multiplying the hourly emission rate limitation by the maximum annual operating schedule of 3,640 hrs/yr and dividing by the conversion factor of 2000 lbs/ton. Compliance shall be based upon the 12-month summation of the number of operating hours times the 0.025 lb/hr emissions limitation, divided by 2,000 lbs/ton.

Emission Limitation:

0.33 lb/hr of particulates  
0.59 tpy of particulates

Applicable Compliance Method:

The 0.33 lb/hr emissions limitation was developed by multiplying the particulate emission factor of 0.310 pound of particulates per mmBtu of actual heat input by the actual heat input at 100% load of 1.05 mmBtu/hr. The 0.59 tpy limitation was developed by multiplying the hourly emission rate limitation by the maximum annual operating schedule of 3,640 hrs/yr and dividing by the conversion factor of 2000 lbs/ton. Compliance shall be based upon the 12-month summation of the number of operating hours times the 0.33 lb/hr emissions limitation, divided by 2,000 lbs/ton.

Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

F. **Miscellaneous Requirements**

1. None