

Facility ID: 1431244104 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: 1431244104 Emissions Unit ID: P001 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>
P001 - 910 KW diesel generator	OAC rule 3745-31-05(A)(3) (PTI 14-05172)	Particulate matter emissions less than 10 microns in diameter (PM10) shall not exceed 0.6 lb /hour.  Sulfur dioxide emissions shall not exceed 4.7 lbs/hour.  Volatile organic compound (VOC) emissions shall not exceed 0.9 lb/hr.  Nitrogen oxide (NOx) emissions shall not exceed 30.1 lbs/hr.  Carbon monoxide (CO) emissions shall not exceed 8.0 lbs/hr.  The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(C), 3745-17-07(A)(1), and 3745-17-11(B)(5)(b).
	OAC rule 3745-31-05(C) Synthetic Minor to Avoid Title V	Particulate matter (PM) emissions shall not exceed 0.5 TPY*.  PM10 emissions shall not exceed 0.5 TPY*.  SO2 emissions shall not exceed 3.8 TPY*.  VOC emissions shall not exceed 0.7 TPY*.  NOx emissions shall not exceed 24.0 TPY*.  CO emissions shall not exceed 6.4 TPY*.  See Section B.1.  * Based on a rolling, 12-month summation.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/MMBtu of actual heat input.
	OAC rule 3745-18-06	Exempt from this rule because the emissions unit's rated heat input capacity is less than ten MMBtu/hour pursuant to OAC rule 3745-18-06(B).

**2. Additional Terms and Conditions**

- (a) The hourly emission limitations outlined are based upon the emissions unit's Potential to Emit (PTE).

Therefore, no hourly records are required to demonstrate compliance with these limits.

**B. Operational Restrictions**

1. The maximum annual operating hours for this emissions unit shall not exceed 1600 hours per year, based upon a rolling, 12-month summation of the operating hours.  
After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain monthly records of following information:
  - a. The operating hours for each month.
  - b. Beginning after the first 12 calendar months of operation following the issuance of the permit, the rolling, 12-month summation of the operating hours.

**D. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation. These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions of this permit.
2. The permittee shall submit annual reports which specify the total NOx emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.  
The Fee Emission Report (FER) required to be submitted annually by April 15 for the facility will also satisfy the emission reporting requirement of this condition.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitations:  
Particulate emissions shall not exceed 0.062 lb/MMBtu of actual heat input.  
  
Particulate matter emissions less than 10 microns in diameter (PM10) shall not exceed 0.6 lb /hour.  
  
Sulfur dioxide emissions shall not exceed 4.7 lbs/hour.  
  
Volatile organic compound (VOC) emissions shall not exceed 0.9 lb/hr.  
  
Nitrogen oxide emissions shall not exceed 30.1 lbs/hr.  
  
Carbon monoxide emissions shall not exceed 8.0 lbs/hr.  
  
Applicable Compliance Methods:  
Compliance with the emissions limitations shall be determined based on emissions factors from AP-42, Tables 3.4-1 and 3.4-2, Revised 10/96 and the recordkeeping requirements specified in term C.1.
  - b. Emission Limitations:  
Particulate matter (PM) emissions shall not exceed 0.5 TPY\*.  
  
PM10 emissions shall not exceed 0.5 TPY\*.  
  
SO2 emissions shall not exceed 3.8 TPY\*.  
  
VOC emissions shall not exceed 0.7 TPY\*.  
  
NOX emissions shall not exceed 24.0 TPY\*.  
  
CO emissions shall not exceed 6.4 TPY\*.  
  
\* Based on a rolling, 12-month summation.  
  
Applicable Compliance Methods:  
Compliance with the emissions limitations shall be determined based on emissions factors from AP-42, Tables 3.4-1 and 3.4-2, Revised 10/96 and the recordkeeping requirements specified in term C.1.
  - c. Emission Limitations:  
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 with the visible particulate emissions limitation shall be demonstrated by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.
2. Compliance with the hours of operation limit in Section B.1 shall be determined by the recordkeeping requirements specified in Section C.1.

**F. Miscellaneous Requirements**

1. The following terms and conditions of this permit are federally enforceable: A - E.