

Facility ID: 0857040180 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: 0857040180 Emissions Unit ID: B005 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>
10.8 MMBTU/hr Stand-by Generator	3745-17-11 (B)(5)(A)  PTI No. 08-3403	0.25 lb PM/MMBTU  PM: 2.71 lbs/hr, 0.68 TPY NOx: 47.9 lbs/hr, 11.97 TPY CO: 10.32 lbs/hr, 2.58 TPY SO2: 3.15 lbs/hr, 0.79 TPY OC: 4.7 lbs/hr, 1.20 TPY

2. **Additional Terms and Conditions**
  - (a) The lbs/hr allowable emission rates (for each pollutant) were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.  
The TPY allowable emission rates (for each pollutant) are based upon a rolling, 12-month summations.

**B. Operational Restrictions**

1. The maximum diesel fuel usage for this emissions unit shall not exceed 77 gallons of diesel fuel per hour and 38,500 gallons per year based upon a rolling, 12-month summation of the fuel usage.

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

1. The permittee shall maintain monthly records of the following information:
  - a. The number of gallons of diesel fuel burned for the calendar month;
  - b. The number of gallons of diesel fuel burned for the rolling, 12-month summation period (beginning the 13th calendar month after the final issuance of the permit to install, No. 08-3403, issued 12/29/95).

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel usage limitation.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in section A.1. of these terms and conditions shall be determined in accordance with the following methods(s):  
Emission limitation for all pollutants -  
PM: 0.68 TPY  
NOx: 11.97 TPY  
CO: 2.58 TPY  
SO2: 0.79 TPY  
OC: 1.20 TPY  
  
Applicable Compliance Method -  
Compliance shall be determined for NOx, CO, SO2 and OC by multiplying the 12-month summation of the recorded fuel usages times the heat content of the fuel (MMBTU/gal) times the appropriate emission factor for each pollutant. (Reference AP-42 Table 3.3-2; NOx @ 4.41 lb/MMBTU; CO @ 0.95 lb/MMBTU; SO2 @ 0.29 lb/MMBTU; and VOC @ 0.43 lb/MMBTU). Particulate matter emissions shall be calculated by multiplying the 12-month summation of the recorded fuel usages times the emission factor 33.5 lbs/1000 gal fuel burned (from Aromatic Information Retrieval System (AIRS)/ Facility Subsystem - SCC 2-01-001-02). Each emission rate (lb/yr) is then divided by 2000 to determine the rolling, 12-month summation in tons.

Compliance with this allowable emission rate is determined by multiplying the maximum hourly fuel usage of 77 gallons times the particulate emission factor of 33.5 lbs/1000 gal fuel burned. The lbs/hr emission rate is then divided by 10.8 MMBTU/hr to yield a particulate emission rate of 0.24 lb/MMBTU.

**F. Miscellaneous Requirements**

1. The permittee shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the emissions unit.
2. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit is subject to public disclosure in accordance with OAC rule 3745-49-03.