

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: B014 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>
3 MMBtu/hour standby diesel generator	OAC rule 3745-17-11(B)(5)(a) PTI 08-3573	0.25 lb particulate/mmBtu 0.56 TPY particulate as a rolling, 12-month summation; 13.23 lbs/hour nitrogen oxides (NOx) 9.90 TPY NOx as a rolling, 12-month summation; 2.85 lbs/hour carbon monoxide (CO) 2.14 TPY CO as a rolling, 12-month summation; 0.87 lb/hour sulfur dioxide (SO2) 0.65 TPY SO2 as a rolling, 12-month summation; 1.30 lbs/hour organic compounds (OC) 0.98 TPY OC as a rolling, 12-month summation

2. **Additional Terms and Conditions**
 - (a) The lbs/hour 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.

B. Operational Restrictions

1. The maximum annual diesel fuel usage for this emissions unit shall not exceed 31,500 gallons, based upon a rolling, 12-month summation of the diesel fuel usage figures.

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 month.
 - b. The rolling, 12-month summation of the diesel fuel usage figures (beginning the 13th calendar month after this issuance of Permit to Install, No. 08-3573 issued 10/23/96).

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify any exceedances of the rolling, 12-month diesel fuel usage limitation. These reports shall be submitted within 45 days after the exceedance occurs.

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 method(s):
 - Emission Limitation -
0.25 pound particulate/mmBtu
 - Applicable Compliance Method -
Compliance shall be based upon multiplying the maximum fuel oil capacity of the emissions unit (21 gallons/hour) by the AIRS (Aeromatic Information Retrieval System/Facility Subsystem - SCC 2-01-001-02)

emission factor for diesel fuel (33.5 pounds particulate/1000 gallons), and dividing by the maximum hourly heat input capacity of the emissions unit (3 mmBtu/hour). If required, compliance with this emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(10).

Emission Limitation -

0.56 TPY particulate, as a rolling, 12-month summation

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in C.1. and shall be determined by multiplying each rolling 12-month summation of the diesel fuel usages by the AIRS/Facility Subsystem - SCC 2-01-001-02 emission factor of 33.5 lbs/1000 gallons and dividing by 2,000 pounds per ton.

Emission Limitation -

13.23 lbs/hour nitrogen oxides

Applicable Compliance Method -

Compliance shall be determined by multiplying the AP-42 emission factor of 4.41 lb/mmBtu by the hourly heat input of the generator (3 mmBtu/hour).

Emission Limitation -

9.90 TPY nitrogen oxides, as a rolling, 12-month summation

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in C.1. and shall be determined by multiplying each rolling, 12-month summation of the fuel usage by the heat content of the fuel (mmBtu/gallon). This is then multiplied by the AP-42 emission factor of 4.41 lb/mmBtu and divided by 2,000 pounds per ton.

Emission Limitation -

2.85 lbs/hour carbon monoxide

Applicable Compliance Method -

Compliance shall be determined by multiplying the AP-42 emission factor of 0.95 lb/mmBtu by the hourly heat input of the generator (3 mmBtu/hour).

Emission Limitation -

2.14 TPY carbon monoxide, as a rolling, 12-month summation

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in C.1. and shall be determined by multiplying each rolling, 12-month summation of the fuel usage by the heat content of the fuel (mmBtu/gallon). This is then multiplied by the AP-42 emission factor of 0.95 lb/mmBtu and divided by 2,000 pounds per ton.

Emission Limitation -

0.87 lb/hour sulfur dioxide

Applicable Compliance Method -

Compliance shall be determined by multiplying the AP-42 emission factor of 0.29 lb/mmBtu by the hourly heat input of the generator (3 mmBtu/hour)

Emission Limitation -

0.65 TPY sulfur dioxide, as a rolling, 12-month summation

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in C.1. and shall be determined by multiplying each rolling, 12-month summation of the fuel usage by the heat content of the fuel (mmBtu/gallon). This is then multiplied by the AP-42 emission factor of 0.29 lb/mmBtu and divided by 2,000 pounds per ton.

Emission Limitation -

1.30 lbs/hour organic compounds

Applicable Compliance Method -

Compliance shall be determined by multiplying the AP-42 emission factor of 0.43 lb/mmBtu by the hourly heat input of the generator (3 mmBtu/hour).

Emission Limitation -

0.98 TPY organic compounds, as a rolling, 12-month summation

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in C.1. and shall be determined by multiplying each rolling, 12-month summation of the fuel usage by the heat content of the fuel (mmBtu/gallon). This is then multiplied by the AP-42 emission factor of 0.43 lb/mmBtu and divided by 2,000 pounds per ton.

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.