Facility ID: 0247100933 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: 0247100933 Emissions Unit ID: B001 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Cummins 660HP/415KW Natural Gas-Fueled Engine-Generator Set (B001)	OAC Rule 3745-17-07 OAC Rule 3745-17-10(B)(1) OEPA PTI No. 02-10948	a. NOx emissions from this emissions unit shall not exceed 17.85 pounds per hour and 78.2 TPY. b. Particulate emissions from this emissions unit shall not exceed 0.020 pound/mmBtu or 0.10 pound per hour and 0.44 tons per year.

2. **Additional Terms and Conditions**

   (a) Visible particulate emissions shall not exceed twenty (20) percent opacity as a six (6)-minute average, except as provided by rule.

B. **Operational Restrictions**

1. None

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

1. The permittee shall maintain daily records of the operation of this natural gas fueled engine-generator set which indicate the following:

   a. the date and time of each start-up and shut-down of this emissions unit;

   b. the number of hours that this emissions unit is operated;

   c. the volume of natural gas consumed by this emissions unit; and

   d. the maximum sustained generator load during each period of operation of this engine-generator set.

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance with the emissions limitations in Sections A.1. and A.2. of these terms and conditions shall be determined in accordance with the following methods:
   Emissions Limitation: Nitrogen oxides (NOx) emissions shall not exceed 17.85 lbs/hr. and 78.2 TPY.

   Applicable Compliance Method: AP-42 Emission Factor, SCC Code #2-01-002-02, and a compilation of annual engine/generator operations data.
   Emissions Limitation: Particulates--0.020 lb/mmBtu or 0.10 lb/hr and 0.44 TPY.

   Applicable Compliance Method: Calculation based on AP-42 Emission Factor, SCC Code # 2-01-002-02 (10.0 lbs. per million cubic feet of natural gas consumed) and compilation of annual engine/generator operations data including volume of natural gas consumed.
   Emissions Limitation: Visible particulate emissions from the stack servicing this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, more than once per any sixty-minute period.

   Applicable Compliance Method: OAC Rule 3745-17-03(B)(1).

F. **Miscellaneous Requirements**

1. None