

Facility ID: 1431071775 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: 1431071775 Emissions Unit ID: B007 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>
16.8 MMBtu/hr natural gas and oil fired boiler	OAC rule 3745-31-05 See F.	See A.2. below.
	OAC rule 3745-17-07(A) See F.	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-10(B)(1) See F.	The PM emission limit is the same as the BAT limit in A.2. below.

**2. Additional Terms and Conditions**

- (a) The following emission limits shall not be exceeded:
  - i. 0.203 lb SO<sub>2</sub>/MMBtu, 14.927 TPY SO<sub>2</sub>
  - ii. 0.143 lb NO<sub>x</sub>/MMBtu, 10.512 TPY NO<sub>x</sub>
  - iii. 0.020 lb PM/MMBtu, 1.051 TPY PM

[Note: The TPY emission limits above are based on this emission unit's potential to emit (16.8 MMBtu/hr and 8760 hr/year).]

**B. Operational Restrictions**

1. The permittee shall only use natural gas and oil in this emissions unit.
2. The quality of the oil used in this emissions unit shall meet a sulfur content which is sufficient to comply with the SO<sub>2</sub> emission limit in section A.2. above.

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

1. Oil Sampling and Analysis:
 

The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.
2. Oil Usage and SO<sub>2</sub> Emission Rate:
 

For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the SO<sub>2</sub> emission rate in lbs/MMBtu of actual heat input.

**D. Reporting Requirements**

1. The permittee shall submit, on a quarterly basis, copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in this emissions unit. The permittee's or oil supplier's analyses shall document the sulfur content (percent) and heat content (Btu/gallon) for each shipment of oil. The following

information shall also be included with the copies of the permittee's or oil supplier's analyses:

- a. the total quantity of oil received in each shipment (gallons);
- b. the weighted\* average sulfur dioxide emission rate (pounds/mmBtu) for the oil received during each calendar month; and
- c. the weighted\* average heat content (Btu/gallon) of the oil received during each calendar month.

\*In proportion to the quantity of oil received in each shipment during the calendar month.

**E. Testing Requirements**

1. Compliance with OAC rule 3745-17-07(A) shall be demonstrated by using the methods and procedures specified in OAC rule 3745-17-03(B)(1).
2. Compliance with the emission limitations shall be demonstrated by using the emission factors in AP-42 (External Combustion Sources) and the record keeping in section C.1. of this permit.

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution requirements for this emissions unit contained in permit to install number 14-2512 as issued on 2-20-92:

Part II, Special Terms and Conditions: A-E.