

Facility ID: 1677080020 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: 1677080020 Emissions Unit ID: N001 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>
Refuse incinerator, natural gas-fired, multiple chambered (primary chamber rated at 0.45 million Btu/hour of heat input and secondary chamber rated at 0.80 million Btu/hour of heat input), intermittent charging (250 pounds/hour rated charging capacity) burning Types 0 & 1 materials, particulate emissions (PE) uncontrolled.	OAC rule 3745-17-07(A)  OAC rule 3745-17-09(B)  OAC rule 3745-17-09(C)	Visible PE from the stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.  PE shall not exceed 0.10 pound per 100 pounds of material charged.  This incinerator, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors.

**2. Additional Terms and Conditions**

- (a) The permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment, materials processed, or production procedures, or any other change that would increase the potential emissions of any air pollutant. The stack from the incinerator shall be designed to minimize the impact of the emissions on employees, students, visitors and nearby residences. The design of any unit shall meet good engineering practices so as to not effect the air intake for heating and cooling of any building, or operable windows, or doors. The permittee shall adjust, operate, and maintain the emissions unit covered under this permit in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The operator(s) shall be properly trained in the operation and maintenance of this unit.

**B. Operational Restrictions**

1. The permittee shall burn only natural gas in this emissions unit.
2. An afterburner (secondary chamber) shall control PE from this incinerator at all times the emissions unit is in operation.
3. Only Type 0 (paper/wood products) and Type 1 (kitchen waste) materials shall be burned in this emissions unit. The paper products must be free from all plastics and all other foreign materials, and the wood products must not be preservative-treated wood and also must not contain any foreign materials.
4. The maximum burning capacity of an incinerator shall be the manufacturer's or designer's guaranteed maximum rate or other such rate as may be determined by the director in accordance with good engineering practices. In case of conflict, the determination made by the director shall govern.
5. The incinerator shall not be operated when the afterburner has not attained a temperature sufficient for the control of PE to within the applicable allowable rate provided by OAC rule 3745-17-09(B).
6. Maintenance of the secondary combustion chamber, that requires the shutdown or bypassing of the secondary chamber, must be accompanied by the complete shutdown of the primary combustion chamber of this incinerator.

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

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**E. Testing Requirements**

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation: PE shall not exceed 0.10 pound per 100 pounds of material charged.

Applicable Compliance Method: If required, compliance shall be demonstrated by performing an emission test in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(8).

Emission Limitation: Visible PE from the stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method: Compliance shall be demonstrated based on visible particulate emission observations performed in accordance with the method and procedures specified in 40 CFR Part 60, Appendix A, Method 9.

**F. Miscellaneous Requirements**

1. None