

Facility ID: 0855100521 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: 0855100521 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>
N001 - Multiple chamber human crematory with afterburner	OAC rule 3745-31-05(A)(3) PTI 08-04285	5% opacity, as a 6-minute average, except for a 1-minute period in any continuous 60-minute period during which the opacity shall not exceed 10%, as a 6-minute average
		0.66 TPY particulate
	OAC rule 3745-17-07(A)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-09(B). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-09(B)	0.10 lb particulate/100 lb material charged

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The secondary combustion chamber temperature shall be maintained at 1600 degrees Fahrenheit or greater during each cremation cycle.
2. This incinerator, including all associated equipment and grounds, shall be designed, operated and maintained to prevent the emission of objectionable odors.

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

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the secondary combustion chamber temperature, in degrees Fahrenheit, during each cremation cycle. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
2. The permittee shall maintain a log of all periods of time in which the emissions unit is in operation and the secondary combustion chamber temperature is less than 1600 degrees Fahrenheit.

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any record showing a period of time during which the secondary combustion chamber temperature falls below 1600 degrees Fahrenheit. The deviation report shall include a copy of such record, including any corrective action(s) taken, and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 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-  
0.10 lb particulate/100 lb material charged

**Applicable Compliance Method-**

If required, compliance with this mass emission limitation shall be determined based on stack testing in accordance with OAC rule 3745-17-03(B)(8).

**Emission Limitation-**  
0.66 TPY particulate

**Applicable Compliance Method-**

This limitation is based on the maximum rated capacity of the incinerator, 150 lb/hr, multiplied by the allowable emissions of 0.10 lb/100 lb material charged. The resultant hourly emission rate, 0.15 lb/hr, is then multiplied by the maximum operating schedule of 8760 hr/yr and the conversion factor of 1 ton/2000 lb. As long as compliance with the mass limitation of 0.10 lb particulate/100 lb material charged is achieved, compliance with the annual emission limitation will also be met.

**Emission Limitation-**  
5% opacity, as a 6-minute average

**Applicable Compliance Method-**

Compliance with this limitation shall be determined by visible emission evaluation performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

**F. Miscellaneous Requirements**

1. None