

Facility ID: 0857090554 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: 0857090554 Emissions Unit ID: N003 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>
150-pound/hour animal waste incinerator	OAC rule 3745-31-05(A)(3) (PTI #08-3999)	Particulate emissions (PE) shall not exceed 0.66 ton/yr, from this emissions unit.  Visible PE shall not exceed 5% opacity, as a 6-minute average.  The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-09(B)	See section B below. PE shall not exceed 0.10 pound/100 pounds material charged.
	OAC rule 3745-17-07(A)	The visible PE limitation specified by this rule is less stringent than the visible PE limitation established pursuant to OAC rule 3745-31-05(A)(3).

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. The type of waste to be burned in this emissions unit shall be limited to type four waste (pathological waste).
3. Proper operating procedures shall be employed at all times during operation of this emissions unit. These procedures shall include a pre-heating cycle as specified by the manufacturer, or an equivalent pre-heating system. The preheated temperature for the secondary combustion chamber of the incinerator shall be at least 1600 degrees Fahrenheit.

**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 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. The monitoring and recording devices shall be capable of accurately measuring the desired parameter.
2. The permittee shall maintain a log of all periods of time during which the emissions unit was in operation and the secondary combustion chamber temperature was less than 1600 degrees Fahrenheit.

**D. Reporting Requirements**

1. The permittee shall notify the Director [the regional Air Pollution Control Agency (RAPCA)] in writing of all periods of time during which the secondary combustion chamber temperature was below 1600 degrees Fahrenheit. The notification shall include a copy of such record, including any corrective action(s) taken, and shall be sent to the Director (RAPCA) within 45 days after the deviation 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-  
PE shall not exceed 0.10 pound/100 pounds of material charged.
  
  - Applicable Compliance Method-  
If required, compliance with the allowable PE limitation above shall be based upon the results of stack testing conducted in accordance with OAC rule 3745-17-03(B)(8).
  - Emission Limitation-  
PE shall not exceed 0.66 ton/yr, from this emissions unit
  
  - Applicable Compliance Method-  
Compliance with the annual emission limitation shall be assumed as long as compliance with the hourly emission limitation is maintained (the annual emission limitation was determined based on multiplying the hourly emission limitation by the emissions unit's maximum rated capacity (150 lbs/hr) and multiplying by 8,760 hours/yr, and then dividing by 2000 lbs/ton).
  - Emission Limitation-  
Visible emissions shall not exceed 5% opacity, as a 6-minute average.
  
  - Applicable Compliance Method-  
Compliance with the visible PE limitation above shall be determined by visible emission evaluations 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