

Facility ID: 1667040147 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: 1667040147 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>
human crematory incinerator	OAC rule 3745-31-05 (PTI 16-1532)	Visible particulate emissions from any stack shall not exceed 1% opacity, as a 6-minute average. 0.01 tpy of sulfur dioxide (SO2) 0.2 tpy of carbon monoxide (CO) 0.4 lb/hr of nitrogen oxides (NOx) 0.1 tpy of organic compounds (OC) 0.04 tpy of mercury See A.2.a below.
	OAC rule 3745-17-07(A)	0.10 pound of particulates per 100 pounds of material charged
	OAC rule 3745-17-09	

2. Additional Terms and Conditions

- (a) The visible particulate emissions limitation based on OAC rule 3745-17-07 is less stringent than the visible particulate emissions limitation established pursuant to OAC rule 3745-31-05. The incinerator and associated equipment and grounds shall be designed, operated and maintained to prevent the emissions of objectionable odors.

B. Operational Restrictions

1. The emissions unit shall be operated and maintained according to the manufacturer's specifications. The operator shall be properly trained in the operation and maintenance of the emissions unit.
2. The secondary chamber must be operated at a temperature of at least 1,600 degrees Fahrenheit with a minimum of a two second retention.
3. The stack from the incinerator shall be designed to minimize the impact of the emissions on employees, residents, visitors, or nearby residences. The design of any unit shall meet good engineering practices so as not to cause air intake for heating and cooling of any building, or at operable windows, or doors.
4. The permittee shall cremate only human bodies with their appropriate containers. The containers shall not be comprised of any heavy metals or chlorinated plastics.
5. The permittee shall not cremate any human bodies known to contain radioactive material.
6. The permittee shall operate and maintain an opacity monitor to regulate the operation of the emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the temperatures of the secondary chamber on a continuous basis. These records shall be kept for a minimum of two years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

D. Reporting Requirements

1. None
- 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:

1% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)
Emission Limitation:

0.10 pound of particulates per 100 pounds of material charged

Applicable Compliance Method:

Stack testing may be required in the future in accordance with the procedures and test method(s) in OAC rule 3745-17-03(B)(8).
Emission Limitation:

0.01 tpy of SO₂

Applicable Compliance Method:

Stack testing may be required in the future in accordance with 40 CFR Part 60, Appendix A, Method 6 or approved alternatives.
Emission Limitation:

0.2 tpy of CO

Applicable Compliance Method:

Stack testing may be required in the future in accordance with 40 CFR Part 60, Appendix A, Method 10 or approved alternatives.
Emission Limitation:

0.4 lb/hr of NO_x

Applicable Compliance Method:

Stack testing may be required in the future in accordance with 40 CFR Part 60, Appendix A, Method 7 or approved alternatives.
Emission Limitation:

0.1 tpy of OC

Applicable Compliance Method:

Stack testing may be required in the future in accordance with 40 CFR Part 60, Appendix A, Method 25 or approved alternatives.
Emission Limitation:

0.04 tpy of mercury

Applicable Compliance Method:

Multiply the mercury emission factor of 2.06E-6 pound(s) of mercury emissions per case (California Air Resources Board "Evaluation Test on Two Propane Fired Crematories at Camelia Memorial Lawn Cemetery." published October 29, 1992) by the maximum cases per year, and then divided by 2000 lbs/ton.

F. **Miscellaneous Requirements**

1. None