

Facility ID: 0247050918 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.

[Go to Part II for Emissions Unit N001](#)

[Go to Part II for Emissions Unit N002](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0247050918 Emissions Unit ID: N001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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 - Animal Crematory Incinerator E01 IE43-PPII rated at 100 lbs/hr and fired with natural gas	OAC rule 3745-31-05(A)(3) (PTI 02-9725)	Particulate emissions (PE) shall not exceed 0.44 ton per year.
	OAC rule 3745-17-07(A)	Visible particulate emissions from this emissions unit shall not exceed 5% opacity as a 6-minute average, except for 6 minutes in any 60-minute period during which the opacity shall not exceed 10%.
	OAC rule 3745-17-09(B)	The visible particulate emission limitation required by this applicable rule is less stringent than the visible particulate emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-09(C)	PE shall not exceed 0.10 pound per 100 pounds of material charged. See section A.2.a below.

2. **Additional Terms and Conditions**
 - (a) This incinerator and all associated equipment and grounds shall be designed, operated and maintained so as to prevent the emission of objectionable odors.

B. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.
2. The permittee shall operate and maintain the incinerator in such a way as to meet all applicable engineering standards and practices and the recommendations of the manufacturer in order to minimize the air contaminant emission releases.
3. This emissions unit shall not be used to dispose of infectious or medical waste as defined in OAC rule 3745-75-01 (B)(27).
4. The Heat Timer, Model MLS, opacity monitor shall be operated at all times during which this incinerator is in operation for the purpose of controlling primary combustion chamber burning conditions and shall be maintained in accordance with the recommendations of the manufacturer.

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.
2. The permittee shall operate and maintain a continuous temperature monitor and recorder for the secondary combustion chamber operating temperatures. The temperature monitor and recorder shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and applicable operating manual(s).
3. The permittee shall maintain copies of the records for the secondary combustion chamber temperature at the facility for a period of at least five years. Those records should be made available for Ohio EPA or their representatives to review during normal working hours.

4. The permittee shall maintain an Incinerator Operations Log in which shall be recorded the daily hours of operation and weight of waste (pet remains) burned. This log shall also be used to record the date and type of any significant maintenance and/or calibration work performed on each incinerator and/or control device. This operations log, as well as copies of the secondary combustion chamber temperature recordings shall be maintained at this facility for a period of at least five years and shall be made available for review by the Director or any authorized representative of the Director at any time during normal business hours.

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:

PE shall not exceed 0.44 ton per year.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the short-term allowable particulate emission limitation (0.10 lbs/100 lbs charged) by the maximum rated capacity of the incinerator (100 lbs/hr) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton.

Emission Limitation:

Visible particulate emissions from this emissions unit shall not exceed 5% opacity as a 6-minute average, except for 6 minutes in any 60-minute period during which the opacity shall not exceed 10%.

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

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0247050918 Emissions Unit ID: N002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
N002 - Animal Crematory Incinerator E02 IE43-PPII rated at 100 lbs/hr and fired with natural gas	OAC rule 3745-31-05(A)(3) (PTI 02-9725)	Particulate emissions (PE) shall not exceed 0.44 ton per year. Visible particulate emissions from this emissions unit shall not exceed 5% opacity as a 6-minute average,

OAC rule 3745-17-07(A)

except for 6 minutes in any 60-minute period during which the opacity shall not exceed 10%.

OAC rule 3745-17-09(B)

The visible particulate emission limitation required by this applicable rule is less stringent than the visible particulate emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-09(C)

PE shall not exceed 0.10 pound per 100 pounds of material charged.

See section A.2.a below.

2. Additional Terms and Conditions

- (a) This incinerator and all associated equipment and grounds shall be designed, operated and maintained so as to prevent the emission of objectionable odors.

B. Operational Restrictions

- 1. The permittee shall burn only natural gas in this emissions unit.
- 2. The permittee shall operate and maintain the incinerator in such a way as to meet all applicable engineering standards and practices and the recommendations of the manufacturer in order to minimize the air contaminant emission releases.
- 3. This emissions unit shall not be used to dispose of infectious or medical waste as defined in OAC rule 3745-75-01 (B)(27).
- 4. The Heat Timer, Model MLS, opacity monitor shall be operated at all times during which this incinerator is in operation for the purpose of controlling primary combustion chamber burning conditions and shall be maintained in accordance with the recommendations of the manufacturer.

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.
- 2. The permittee shall operate and maintain a continuous temperature monitor and recoder for the secondary combustion chamber operating temperatures. The temperature monitor and recorder shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and applicable operating manual(s).
- 3. The permittee shall maintain copies of the records for the secondary combustion chamber temperature at the facility for a period of at least five years. Those records should be made available for Ohio EPA or their representatives to review during normal working hours.
- 4. The permittee shall maintain an Incinerator Operations Log in which shall be recorded the daily hours of operation and weight of waste (pet remains) burned. This log shall also be used to record the date and type of any significant maintenance and/or calibration work performed on each incinerator and/or control device. This operations log, as well as copies of the secondary combustion chamber temperature recordings shall be maintained at this facility for a period of at least five years and shall be made available for review by the Director or any authorized representative of the Director at any time during normal business hours.

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:

PE shall not exceed 0.44 ton per year.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the short-term allowable particulate emission limitation (0.10 lbs/100 lbs charged) by the maximum rated capacity of the incinerator (100 lbs/hr) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton.

Emission Limitation:

Visible particulate emissions from this emissions unit shall not exceed 5% opacity as a 6-minute average, except for 6 minutes in any 60-minute period during which the opacity shall not exceed 10%.

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