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Facility Name: **CUYAHOGA COUNTY CORONER**

Application Number: **13-3466**

Date: **January 21, 1999**

**GENERAL PERMIT CONDITIONS**

**TERMINATION OF PERMIT TO INSTALL**

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**NOTICE OF INSPECTION**

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

**CONSTRUCTION OF NEW SOURCES**

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations.

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Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

**PERMIT TO INSTALL FEE**

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

**PUBLIC DISCLOSURE**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

**APPLICABILITY**

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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**BEST AVAILABLE TECHNOLOGY**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**PERMIT TO OPERATE APPLICATION**

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

**SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION**

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

Facility Name: **CUYAHOGA COUNTY CORONER**Application Number: **13-3466**Date: **January 21, 1999**AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **CUYAHOGA COUNTY CORONER** located in **Cuyahoga** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
N001	Incinerator for the cremation pathological remains using natural gas; rated capacity of 75 lbs/hr with afterburner	*	3745-31-05	PM: 0.15 lb/hr and 0.657 tpy; *
			3745-17-09	**
			3745-17-07	**
			3745-15-07	**

- \* 0.2 pounds of particulate matter per 100 pounds charged.  
No VE's >5% opacity as a 6-minute average.

## SUMMARY

## TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	0.657

- \*\* The emission limit established by this rule is less stringent than, or equivalent to , OAC 3745-31-05.

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**RECORD(S) RETENTION AND AVAILABILITY**

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

**WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

**MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

**MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Dept. of Public Health & Welfare, Division of the Environment, 1925 St. Clair Avenue, Cleveland, Ohio 44114.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

**AIR POLLUTION NUISANCES PROHIBITED**

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

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**CONSTRUCTION COMPLIANCE CERTIFICATION**

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

**ADDITIONAL SPECIAL TERMS AND CONDITIONS**

**A. Additional terms and conditions**

1. Pursuant to OAC Rule 3745-17-09, this emissions unit shall be operated and maintained so as to prevent the emission of objectionable odors.
2. This emissions unit shall not be operated at a capacity greater than 75 pounds per hour.
3. The emissions unit shall be serviced on a regular basis by a qualified incinerator contractor. The interval of time between service shall not exceed 6 months.
4. Non-combustible material (e.g., metal cans, glass, etc.) shall be removed from the refuse charged to this emissions unit.

**B. Operational restrictions**

1. This incinerator is rated at 75 lbs./hr. of incineration capacity for Type 4 waste. In accordance with OAC Rule 3745-17-09, at no time shall emissions of particulate matter of greater than 0.2 pounds per 100 pounds of refuse charge be emitted into the ambient air.
2. Operate afterburner 15 minutes prior to ignition of charge and continue its use during the entire burn cycle.
3. This incinerator is to be operated only by adequately instructed personnel.

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4. Ashes are to be removed from the primary chamber on a daily basis.
5. The afterburner chamber shall be inspected and cleaned monthly.
6. This incinerator is to be operated in accordance with manufacturer's instructions on start-up, maintenance, and repairs.

**C. Monitoring and/or RecordKeeping Requirements**

1. The temperature monitoring and recording device for the secondary combustion chamber must be maintained and operated properly. All temperature recording charts must be kept for a minimum of two (2) years and shall be made available for review by agents of the Ohio EPA during normal business hours.
2. Copies of contractor's invoices of maintenance and repairs shall be maintained on site.
3. A log recording the date when ashes were removed and the initials of the person who removed the ashes shall be maintained.

**D. Reporting Requirements**

1. Notify the Division of Air Pollution Control, Bureau of Field Services (216-441-7443) of all malfunctions.

**E. Testing Requirements**

1. Compliance with the visible particulate emission limit in A.1 shall be determined using 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).
2. If required, compliance with the particulate mass emission limitation in A.1 shall be determined through emission testing conducted in accordance with 40 CFR Part 60, Appendix A, Method 5.

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**F. Miscellaneous Requirements**

1. The incinerator shall not be used to dispose of any infectious or "red bag" waste. Applicant shall have such waste disposed of in accordance with applicable federal, state, and local regulations.
2. These terms and conditions must be visibly posted near the incinerator.