



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
122 S. Front Street  
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

RECEIVED

FEB 25 2003

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049  
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL  
STARK COUNTY  
Application No: 15-01530**

CANTON CITY HEALTH DEPT.  
**CERTIFIED MAIL** POLLUTION DIVISION

|  |                              |
|--|------------------------------|
|  | TOXIC REVIEW                 |
|  | PSD                          |
|  | SYNTHETIC MINOR              |
|  | CEMS                         |
|  | MACT                         |
|  | NSPS                         |
|  | NESHAPS                      |
|  | NETTING                      |
|  | MAJOR NON-ATTAINMENT         |
|  | MODELING SUBMITTED           |
|  | GASOLINE DISPENSING FACILITY |

**DATE: 2/20/2003**

C.R.W.  
Carl Weaver  
PO Box 80233  
Canton, OH 44710

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

*Michael W. Ahern*

Michael W. Ahern, Supervisor  
Field Operations and Permit Section  
Division of Air Pollution Control

cc: USEPA

Canton LAA



**Permit To Install  
Terms and Conditions**

**Issue Date: 2/20/2003  
Effective Date: 2/20/2003**

**FINAL PERMIT TO INSTALL 15-01530**

Application Number: 15-01530

APS Premise Number: 1576051580

Permit Fee: \$100

Name of Facility: C.R.W.

Person to Contact: Carl Weaver

Address: PO Box 80233  
Canton, OH 44710

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**4225 16th Street SW  
Canton, Ohio**

Description of proposed emissions unit(s):  
**animal crematory.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director



Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

**6. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**8. Termination of Permit to Install**

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

**9. Construction of New Sources(s)**

The proposed emissions unit(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



**14. 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.

**15. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

**B. Permit to Install Summary of Allowable Emissions**

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)  
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

| <u>Pollutant</u> | <u>Tons Per Year</u> |
|------------------|----------------------|
| PE               | 0.66                 |

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(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 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>   |
|--|--------------------------------------|--|
| N003 - 75 lbs/hr animal cremation multiple chamber incinerator (Retort). | OAC rule 3745-31-05(A)(3)            | The particulate emissions (PE) shall not exceed 0.15 lb/hr and 0.66 ton/yr.<br><br>Control Requirements (See section A.2.a below.)<br><br>See section A.2.b below.<br><br>See section A.2.c below. |
|  | OAC rule 3745-17-07(A)               | See section A.2.d below.   |
|  | OAC rule 3745-17-09(B)               | 0.20 lb PE/100 lbs of liquid, semi-solid or solid refuse and salvageable material charged to the incinerator   |
|  | OAC rule 3745-17-09(C)               | See section A.2.e below.   |

**2. Additional Terms and Conditions**

- 2.a The "Best Available Technology" (BAT) control requirement for emissions unit N003 has been determined to be the use of an afterburner.

BAT requirements also include compliance with the terms and conditions of this permit.

- 2.b. Visible particulate emissions from emissions unit N003 shall not exceed 5% opacity except for 6 minutes in any continuous 60-minute period during which opacity shall not exceed 10%.
- 2.c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-09 (B) and OAC rule 3745-17-09 (C).

- 2.d. The emission limitation specified by this rule is less stringent than the emission limitation established by OAC rule 3745-31-05 (A) (3).
- 2.e. The animal cremation multiple chamber incinerator, including 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 animal cremation multiple chamber incinerator shall be installed, operated, and maintained in accordance with the manufacturer's specifications. The secondary combustion chamber shall be designed to have a residence time of not less than one second at a minimum of 1,450 degrees Fahrenheit. The permittee shall adhere to the unit's sequence of operation including the following:
  - a. during startup, the temperature controller for the secondary chamber shall be set at a minimum of 1,450 degrees Fahrenheit; and
  - b. for the first cremation of the day, or for a subsequent cremation after the unit has entered or completed the cooldown state, the temperature must reach a minimum of 1,450 degrees Fahrenheit, as measured by the secondary chamber temperature indicator, before ignition of the burner to start the cremation.
- 2. The incinerator shall not be operated unless the temperature monitoring devices are operating properly.
- 3. The permittee shall not charge the incinerator with "infectious waste" as defined in OAC rule 3745-75-01 (C) (5).

## C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall install, operate, and properly maintain a temperature gauge which monitors the temperature of the secondary combustion chamber.
- 2. The permittee shall maintain daily records of the following information for emissions unit N001:
  - a. for batch feed operations:
    - i. for each cremation, the temperature of the secondary chamber must be recorded just prior to main burner ignition;
    - ii. the weight of each charge; and
    - iii. the time of each charge.

- b. For continuous or intermittent feed operations, a scale shall be installed near this incinerator to weigh all of the material charged to the unit. A log shall be kept to record the amount of material charged to this unit on a pounds-per-hour basis. Alternative arrangements may be approved by the Director provided they can be shown to be of equivalent effectiveness as a method of regulating flow into the incinerator and generating a permanent record of charging rates.

#### D. Reporting Requirements

1. In accordance with the general terms and conditions of this permit, the permittee shall submit deviation (excursion) reports which provide the following information:
  - a. for each period during which the secondary combustion chamber exhaust gas temperatures fall below the applicable limitations:
    - i. the date of the excursion;
    - ii. the time interval which the excursion occurred; and
    - iii. the temperature values during the excursion.
  - b. an identification of all hours of operation during which the charge rate exceeded the incinerator's design capacity including the actual charge rates for such hours of operation.

#### E. Testing Requirements

1. Compliance with the emission limitations specified in section A.1. of this permit shall be determined in accordance with the following methods:
  - a. Emissions Limitation:  
0.20 lb PE/100 lbs material charged  
  
Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with this emission limitation in accordance with OAC rule 3745-17-03 (B) (8).
  - b. Emissions Limitation:  
The particulate emissions (PE) shall not exceed 0.15 lb/hr and 0.66 ton/yr.  
  
Applicable Compliance Method:  
The permittee shall demonstrate compliance by multiplying the requirement of 0.20 lb PE/100 lbs material charged by a maximum charging capacity of 75 lbs/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A.

The annual PE emission limitation was developed by multiplying the lb/hr limitation by a maximum operating schedule of 8,760 hrs/yr and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

c. **Emissions Limitation:**

Visible particulate emissions shall not exceed 5% opacity except for 6 minutes in any continuous 60-minute period during which opacity shall not exceed 10%.

**Applicable Compliance Method:**

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR Part 60, Appendix A.

**F. Miscellaneous Requirements**

1. None