



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

STATE ONLY OPERATING PERMIT

Issue Date: May 29, 2020

Effective Date: May 29, 2020

Expiration Date: May 28, 2025

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 08-00023

Federal Tax Id - Plant Code: 23-2790223-1

Owner Information

Name: FAITHFUL COMPANIONS PET CEMETERY INC
Mailing Address: 2969 ROLLING HILLS RD
ULSTER, PA 18850-7963

Plant Information

Plant: FAITHFUL COMPANIONS PET CEMETERY/ULSTER INCINERATOR
Location: 08 Bradford County 08932 Smithfield Township
SIC Code: 7261 Services - Funeral Service And Crematories

Responsible Official

Name: ALLEN MCMICHAEL
Title: OWNER SEC/TREA
Phone: (570) 596 - 3192

Permit Contact Person

Name: ALLEN MCMICHAEL
Title: OWNER SEC/TREA
Phone: (570) 596 - 3192

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #016 Reactivation
- #015 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.
- #024 Reporting
- #023 Report Format

Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

Section E. Source Group Restrictions

- E-I: Restrictions



SECTION A. Table of Contents

- E-II: Testing Requirements
- E-III: Monitoring Requirements
- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

Section F. Alternative Operating Scenario(s)

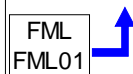
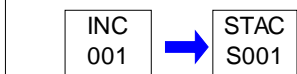
- F-I: Restrictions
- F-II: Testing Requirements
- F-III: Monitoring Requirements
- F-IV: Recordkeeping Requirements
- F-V: Reporting Requirements
- F-VI: Work Practice Standards
- F-VII: Additional Requirements

Section G. Emission Restriction Summary

Section H. Miscellaneous

**SECTION A. Site Inventory List**

| Source ID | Source Name | Capacity/Throughput | Fuel/Material |
|-----------|---------------------------------------|---------------------|---------------|
| 001 | ONE ANIMAL CREMATORY | 200.000 Lbs/HR | |
| 002 | MATTHEWS MODEL IE43-PPII CREMATORY | 200.000 Lbs/HR | |
| 003 | MATTHEWS MODEL IE43-SSPPIII CREMATORY | 200.000 Lbs/HR | |
| FML01 | NATURAL GAS LINE | | |
| S001 | INCINERATORS STACKS | | |
| S002 | INCINERATOR STACK | | |
| S003 | INCINERATOR STACK | | |

PERMIT MAPS

**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

(a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)&(c)]**Permit Renewal.**

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

(c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).

(1) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

(d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

(a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):

(1) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

**SECTION B. General State Only Requirements**

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

**SECTION B. General State Only Requirements**

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

**SECTION B. General State Only Requirements**

significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall make administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

**SECTION B. General State Only Requirements**

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]**Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

#024 [25 Pa. Code §135.4]**Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) The emissions are of minor significance with respect to causing air pollution.
 - (ii) The emissions are not preventing or interfering with the attainment or maintenance of an ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001 (1)-(7) above if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]**Limitations**

No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

004 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of 25 Pa. Code Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 005 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

006 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 007 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements,
- (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

- (1) The presence of visible emissions,
- (2) The presence of visible fugitive emissions,



SECTION C. Site Level Requirements

(3) The presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain a logbook of the facility's weekly inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall report malfunctions which occur at this facility to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in the emissions of air contaminants. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from this permit's requirements.

(c) When the malfunction, excess emissions or deviation from this permit's requirements poses an imminent and substantial danger to the public health and safety or environment, the permittee shall notify the Department by telephone no later than one (1) hour after the incident.

(d) Any malfunction, excess emissions or deviation from this permit's requirements that is not subject to the notice requirements of subsection (c) of this permit condition shall be reported to the Department within twenty-four (24) hours of discovery. In notifying the Department, the permittee shall describe the following:

- (i) name and location of the facility,
- (ii) nature and cause of the malfunction or breakdown,
- (iii) time when the malfunction or breakdown was first observed,
- (iv) expected duration of excess emissions,
- (v) estimated rate of emissions,
- (vi) corrective actions or preventative measures taken.

**SECTION C. Site Level Requirements**

(e) The permittee shall notify the Department immediately when corrective measures have been accomplished.

(f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within fifteen (15) days of the malfunction, excess emissions or deviations from this permits requirements.

VI. WORK PRACTICE REQUIREMENTS.**# 012 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land,
- (2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts,
- (3) Paving and maintenance of roadways,
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The manufacturer's representative or another qualified training source shall provide adequate instruction to all operators of each new crematory and to new operators of existing crematories including hands-on control of the unit for at least two operating cycles. The training shall include all of the following elements:

1. Principles of combustion;
2. Operating monitors and controls;
3. Operating sequence under normal conditions;
4. Safety and operating procedures under foreseeable upset conditions (e.g. power or fuel interruption, burner malfunction, visible emissions, high and low temperature incidents, etc);
5. Regulatory requirements;
6. Calibration, adjustment and replacement of thermocouples;
7. Preventive maintenance practices and procedures and recommended frequency; and
8. Recordkeeping requirements and procedures.

VII. ADDITIONAL REQUIREMENTS.**# 014 [25 Pa. Code §121.7]****Prohibition of air pollution.**

**SECTION C. Site Level Requirements**

No person may permit air pollution as that term is defined in the act (The Air Pollution Control Act (35 P.S. §§ 4001-4015)).

015 [25 Pa. Code §123.31]**Limitations**

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

016 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

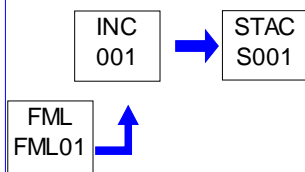
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 001

Source Name: ONE ANIMAL CREMATORY

Source Capacity/Throughput: 200.000 Lbs/HR

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.12]

Incinerators

No person may permit the emission to the outdoor atmosphere of particulate matter from the exhaust of Source ID 001, at any time, in such a manner that the particulate matter concentration in the effluent gas exceeds 0.1 grain per dry standard cubic foot, corrected to 12% carbon dioxide.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The particulate matter emissions from the exhaust of Source ID 001 shall not exceed 0.08 grains per dry standard cubic foot corrected to 7% oxygen.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the opacity limitation of 25 Pa. Code Section 123.41]

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The visible emissions from the exhaust of Source ID 001 shall not equal or exceed 10% opacity for a period or periods aggregating more than 3 minutes in any one hour or equal or exceed 30% opacity at any time.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 001 shall only be fired on propane/natural gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 001 shall be equipped with instrumentation to continuously monitor the secondary combustion chamber temperature at any time the incinerator is in operation.

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) The permittee shall continuously record the secondary combustion chamber temperature of Source ID 001 at any time the respective incinerator is operating.

(b) These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Only animal remains and associated wood, cardboard, etc., containers for holding the remains shall be incinerated in Source ID 001. Under no circumstances shall Source ID 001 be used for the incineration of hospital waste, infectious waste or any other type of waste other than animal remains and associated containers.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Source ID 001 must be attended by an operator at all times when in use.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Source ID 001 is a I.E. & E. Co. Super Power Pak, model IE43-SPP animal crematory incinerator with a rated capacity of 200 lbs/hr, installed February 2003, equipped with an integral secondary combustion chamber.

010 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

**SECTION D. Source Level Requirements**

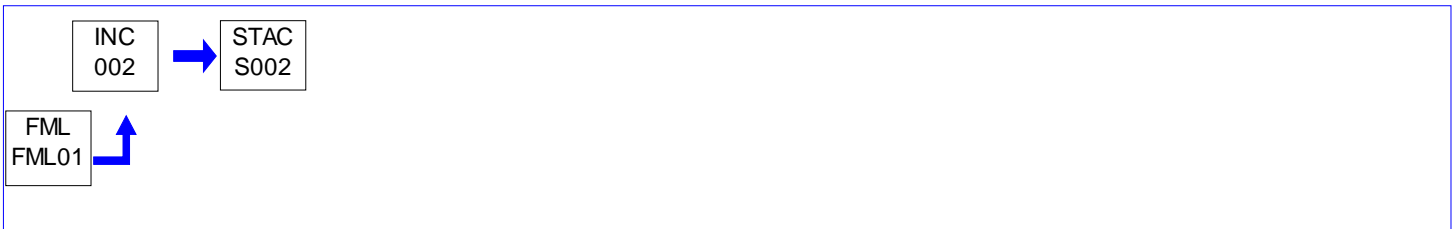
A temperature of at least 1800° F shall be maintained in the secondary combustion chamber of Source ID 001 at any time cremation is occurring in Source ID 001.

**SECTION D. Source Level Requirements**

Source ID: 002

Source Name: MATTHEWS MODEL IE43-PPII CREMATORY

Source Capacity/Throughput: 200.000 Lbs/HR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 002 in a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The particulate matter emissions from the exhaust of Source ID 002 shall not exceed 0.08 grains per dry standard cubic foot corrected to 7% oxygen.

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

[Compliance with this permit conditions assures compliance with the emission limitations of 25 Pa. Code Section 123.41]

Visible emissions from the operation of Source ID 002 shall not at any time in excess of either of the following limitations:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three minutes in any hour;
- (b) Equal to or greater than 30% at any time.

Fuel Restriction(s).**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 002 shall only be fired on natural gas, LP gas, propane or #2 fuel oil to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content shall not, at any time, exceed 0.5% (by weight).

II. TESTING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal

**SECTION D. Source Level Requirements**

Crematories]

If at any time, the Department has cause to believe that air contaminant emissions from Source ID 002 are in excess of the emission limitations specified here in, the Department may require the permittee to conduct test deemed necessary by the Department to determine the actual emission rate(s). The permittee shall perform such tests in accordance with applicable provisions of 25 Pa. Code Chapter 139 and within 180 days of the date the Department notifies the permittee in writing of the testing requirement.

III. MONITORING REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The permittee shall verify compliance with the visible and odor emission limitations of Source ID 002 through the following procedures:

- (1) The permittee shall observe the exhaust stack of Source ID 002 at least once during each cremation cycle for the presence of visible and odor emissions. As an alternative to the stack observations, if Source ID 002 is equipped with an opacity monitoring device, the operator may observe the output from the opacity monitoring device for the presence of visible emissions.
- (2) If any visible or odor emissions are apparent, the permittee shall take immediate action to eliminate them; and
- (3) if any visible or odor emissions are apparent after the corrective action, Source ID 002 shall not start another cycle until the permittee can verify compliance with the visible emission limitations of Source ID 002 through methods prescribed in 25 Pa. Code Section 123.43, such as Method 9 readings taken by a certified visible emissions reader.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The permittee shall install, maintain, and operate temperature monitors to continuously measure the temperature at the exit from the primary combustion chamber and at the exit from the secondary (or last) chamber of Source ID 002. Sensors shall be located such that flames from the burners do not impinge on the sensors.

IV. RECORDKEEPING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

(a) For Source ID 002, the permittee shall maintain records of:

- (1) Visible emission observations and any corrective actions;
- (2) The temperature of the primary and secondary combustion chamber during each cremation cycle on a continuous basis;

**SECTION D. Source Level Requirements**

- (3) The amount and type of fuel used on a monthly basis;
 - (4) The hours of operation;
 - (5) The number of cremations performed;
 - (6) Operator training certification and training program content;
 - (7) Burner adjustments and maintenance;
 - (8) Thermocouple calibrations, adjustments and replacements;
 - (9) The fuel oil sulfur content as certified by the supplier of any and all fuel oil burned in Source ID 002; and
 - (10) The removal from the body and proper disposal of any implanted electronic devices and potentially hazardous remedial devices, if applicable.
- (b) These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

(a) The permittee shall continuously record the temperature at the exit from the primary combustion chamber and at the exit from the secondary (or last) chamber of Source ID 002 during the operation of Source ID 002.

(b) These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The permittee shall notify the Department within twenty-four (24) hours of discovery or by 12:00 noon of the next business day following a weekend or holiday of any malfunction of the crematory which results in, or which may reasonably be expected to result in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code, Subpart C, Article III (relating to air resources).

VI. WORK PRACTICE REQUIREMENTS.**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

Source ID 002 shall be equipped with an interlock system that either:

(a) Precludes charging of the primary chamber until the secondary (or last) chamber exit temperature is established and holding at 1800 degree Fahrenheit and after charging, precludes opening the charge door until the cremation cycle is complete; or,

(b) In Source ID 002 that is charged when both chambers are cold, precludes firing the primary chamber burner until the secondary chamber temperature is established and holding at 1800 degree Fahrenheit. In Source ID 002, the interlock

**SECTION D. Source Level Requirements**

system much also preclude opening the charge door until the previous cremation cycle is complete and the primary chamber is cooled to less than 150 degree Fahrenheit.

012 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

Before charging Source ID 002, the temperature at the exit of the secondary (or last) chamber shall achieve 1800 degree Fahrenheit or higher and be maintained throughout the cremation cycle;

or,

For Source ID 002 that is charged when both chambers are cold, the temperature at the exit of the secondary (or last) chamber shall achieve and be maintained at or above 1800 degree Fahrenheit before firing of the primary chamber burner.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The manufacturer's representative or another qualified technician shall adjust the burners after Source ID 002 is constructed and before Source ID 002 is first operated and at other appropriate times such as when the use of an approved fuel is initiated and when visible emissions are observed.

VII. ADDITIONAL REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The owner or operator of Source ID 002 shall only cremate animal remains and the container used to transport the animal remains.

The owner or operator of Source ID 002 is prohibited from using Source ID 002 to dispose of any animals used for commercial or medical experimentation purposes.

The owner or operator of Source ID 002 may not incinerate any other type of waste (e.g. hospital, medical, hazardous, chemotherapeutic, radioactive, etc.).

The owner or operator of Source ID 002 may not cremate animal bodies whose weight exceeds 500 pounds, including the weight of the container.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

(a) Source ID 002 shall be attended by a trained operator at all times when the crematory is in operation.

(b) If nighttime operation of Source ID 002 is to occur, adequate artificial lighting of the plume at the stack outlet must be

**SECTION D. Source Level Requirements**

provided to enable these observations of stack emissions to occur at night.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

(a) Source ID 002 shall be operated and maintained in a manner consistent with good operating and maintenance practices.

(b) Source ID 002 shall be operated and maintained in accordance with the manufacturer's specifications.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

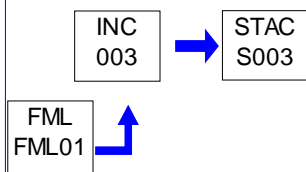
Source ID 002 is a Matthew Cremation Division manufactured model IE43-PPII incinerator with a rated capacity of 200 pounds per hour.

**SECTION D. Source Level Requirements**

Source ID: 003

Source Name: MATTHEWS MODEL IE43-SSPPIII CREMATORY

Source Capacity/Throughput: 200.000 Lbs/HR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 003 in a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The particulate matter emissions from the exhaust of Source ID 003 shall not exceed 0.08 grains per dry standard cubic foot corrected to 7% oxygen.

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

[Compliance with this permit conditions assures compliance with the emission limitations of 25 Pa. Code Section 123.41]

Visible emissions from the operation of Source ID 003 shall not at any time in excess of either of the following limitations:

(a) Equal to or greater than 10% for a period or periods aggregating more than three minutes in any hour;

(b) Equal to or greater than 30% at any time.

Fuel Restriction(s).**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 003 shall only be fired on natural gas, LP gas, propane or #2 fuel oil to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content shall not, at any time, exceed 0.5% (by weight).

II. TESTING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

**SECTION D. Source Level Requirements**

If at any time, the Department has cause to believe that air contaminant emissions from Source ID 003 are in excess of the emission limitations specified here in, the Department may require the permittee to conduct test deemed necessary by the Department to determine the actual emission rate(s). The permittee shall perform such tests in accordance with applicable provisions of 25 Pa. Code Chapter 139 and within 180 days of the date the Department notifies the permittee in writing of the testing requirement.

III. MONITORING REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The permittee shall verify compliance with the visible and odor emission limitations of Source ID 003 through the following procedures:

- (1) The permittee shall observe the exhaust stack of Source ID 003 at least once during each cremation cycle for the presence of visible and odor emissions. As an alternative to the stack observations, if Source ID 003 is equipped with an opacity monitoring device, the operator may observe the output from the opacity monitoring device for the presence of visible emissions.
- (2) If any visible or odor emissions are apparent, the permittee shall take immediate action to eliminate them; and
- (3) if any visible or odor emissions are apparent after the corrective action, Source ID 003 shall not start another cycle until the permittee can verify compliance with the visible emission limitations of Source ID 003 through methods prescribed in 25 Pa. Code Section 123.43, such as Method 9 readings taken by a certified visible emissions reader.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The permittee shall install, maintain, and operate temperature monitors to continuously measure the temperature at the exit from the primary combustion chamber and at the exit from the secondary (or last) chamber of Source ID 003. Sensors shall be located such that flames from the burners do not impinge on the sensors.

IV. RECORDKEEPING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

- (a) For Source ID 003, the permittee shall maintain records of:
- (1) Visible emission observations and any corrective actions;
 - (2) The temperature of the primary and secondary combustion chamber during each cremation cycle on a continuous basis;
 - (3) The amount and type of fuel used on a monthly basis;
 - (4) The hours of operation;

**SECTION D. Source Level Requirements**

- (5) The number of cremations performed;
 - (6) Operator training certification and training program content;
 - (7) Burner adjustments and maintenance;
 - (8) Thermocouple calibrations, adjustments and replacements;
 - (9) The fuel oil sulfur content as certified by the supplier of any and all fuel oil burned in Source ID 003; and
 - (10) The removal from the body and proper disposal of any implanted electronic devices and potentially hazardous remedial devices, if applicable.
- (b) These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

(a) The permittee shall continuously record the temperature at the exit from the primary combustion chamber and at the exit from the secondary (or last) chamber of Source ID 003 during the operation of Source ID 003.

(b) These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The permittee shall notify the Department within twenty-four (24) hours of discovery or by 12:00 noon of the next business day following a weekend or holiday of any malfunction of the crematory which results in, or which may reasonably be expected to result in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code, Subpart C, Article III (relating to air resources).

VI. WORK PRACTICE REQUIREMENTS.**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

Source ID 003 shall be equipped with an interlock system that either:

(a) Precludes charging of the primary chamber until the secondary (or last) chamber exit temperature is established and holding at 1800 degree Fahrenheit and after charging, precludes opening the charge door until the cremation cycle is complete; or,

(b) In Source ID 003 that is charged when both chambers are cold, precludes firing the primary chamber burner until the secondary chamber temperature is established and holding at 1800 degree Fahrenheit. In Source ID 003, the interlock system must also preclude opening the charge door until the previous cremation cycle is complete and the primary

**SECTION D. Source Level Requirements**

chamber is cooled to less than 150 degree Fahrenheit.

012 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

Before charging Source ID 003, the temperature at the exit of the secondary (or last) chamber shall achieve 1800 degree Fahrenheit or higher and be maintained throughout the cremation cycle;

or,

For Source ID 003 that is charged when both chambers are cold, the temperature at the exit of the secondary (or last) chamber shall achieve and be maintained at or above 1800 degree Fahrenheit before firing of the primary chamber burner.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The manufacturer's representative or another qualified technician shall adjust the burners after Source ID 003 is constructed and before Source ID 003 is first operated and at other appropriate times such as when the use of an approved fuel is initiated and when visible emissions are observed.

VII. ADDITIONAL REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

The owner or operator of Source ID 003 shall only cremate animal remains and the container used to transport the animal remains.

The owner or operator of Source ID 003 is prohibited from using Source ID 003 to dispose of any animals used for commercial or medical experimentation purposes.

The owner or operator of Source ID 003 may not incinerate any other type of waste (e.g. hospital, medical, hazardous, chemotherapeutic, radioactive, etc.).

The owner or operator of Source ID 003 may not cremate animal bodies whose weight exceeds 500 pounds, including the weight of the container.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

(a) Source ID 003 shall be attended by a trained operator at all times when the crematory is in operation.

(b) If nighttime operation of Source ID 003 is to occur, adequate artificial lighting of the plume at the stack outlet must be provided to enable these observations of stack emissions to occur at night.

**SECTION D. Source Level Requirements****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.611, GP-14: Human or Animal Crematories]

(a) Source ID 003 shall be operated and maintained in a manner consistent with good operating and maintenance practices.

(b) Source ID 003 shall be operated and maintained in accordance with the manufacturer's specifications.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Source ID 003 is a Matthew Cremation Division manufactured model IE43-SPPIII incinerator with a rated capacity of 200 pounds per hour.



SECTION E. Source Group Restrictions.

No Source Groups exist for this permit.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this permit.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.



***** End of Report *****
