



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

**STATE ONLY NATURAL MINOR OPERATING PERMIT**

Issue Date: January 3, 2022

Effective Date: January 3, 2022

Expiration Date: January 2, 2027

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: 17-00074**

Natural Minor

Federal Tax Id - Plant Code: 45-2497904-1

**Owner Information**

Name: ADAMSON FUNERAL CHAPEL & CREMATORIUM INC

Mailing Address: 1312 CHESTNUT AVE  
DUBOIS, PA 15801-2988

**Plant Information**

Plant: ADAMSON FUNERAL CHAPEL & CREMATORIUM/ADAMSON FUNERAL CHAPEL

Location: 17 Clearfield County 17946 Sandy Township

SIC Code: 7261 Services - Funeral Service And Crematories

**Responsible Official**

Name: DENNIS K ADAMSON

Title: PRESIDENT

Phone: (814) 371 - 2936

Email: adamsonfuneral@verizon.net

**Permit Contact Person**

Name: DENNIS K ADAMSON

Title: PRESIDENT

Phone: (814) 371 - 2936

Email: adamsonfuneral@verizon.net

[Signature] \_\_\_\_\_

*MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION*

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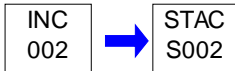
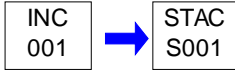
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002	CREMATION UNIT FOR ANIMAL PET REMAINS (IEB SERIES 16 MODEL)		
S001	STACK TO HUMAN CREMATORY		
S002	STACK TO ANIMAL PET CREMATORY		

**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)]****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 as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (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 the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
  - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
  - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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- (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, 127.465 & 127.703]****Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

**SECTION B. General State Only Requirements**

(b) Administrative Amendments. The permittee shall submit the application for 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 submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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 §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act.

**# 002 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminant 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) Sources and classes of sources other than those identified above in subsection (1)-(5), for which the operator 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; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

**# 003 [25 Pa. Code §123.2]****Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in condition #002 (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

**# 004 [25 Pa. Code §123.31]****Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

**# 005 [25 Pa. Code §123.42]****Exceptions**

The limitations of 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

(1) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

(2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

(3) When the emission results from sources specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy and one hard copy shall be sent to the Northcentral Regional Office Air Quality Program Manager and one hard copy and one electronic copy shall be sent to the PSIMS Administrator in Central Office. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

(e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code § § 139.53(a)(1) and 139.53(a)(3), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP website.

(h) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

**# 007 [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.

**# 008 [25 Pa. Code §139.11]****General requirements.**

The following are applicable to source tests for determining emissions from stationary sources:

- (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.

**SECTION C. Site Level Requirements**

(2) The Department will consider 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:

- (i) A thorough source description, including a description of any air cleaning devices and the flue.
- (ii) 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 affect emissions from the process.
- (iii) The location of the sampling ports.
- (iv) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.
- (v) 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.
- (vi) Laboratory procedures and results.
- (vii) Calculated results.

**III. MONITORING REQUIREMENTS.****# 009 [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.

**IV. RECORDKEEPING REQUIREMENTS.****# 010 [25 Pa. Code §135.5]****Recordkeeping**

The permittee shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with § § 135.3 and 135.21 (relating to reporting; and emission statements). These 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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

**V. REPORTING REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit all requested reports in accordance with the Department's suggested format.

**# 012 [25 Pa. Code §127.442]****Reporting requirements.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions 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. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to

**SECTION C. Site Level Requirements**

unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

1. name, permit or authorization number, and location of the facility,
2. nature and cause of the malfunction, emergency or incident,
3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

**# 013 [25 Pa. Code §135.3]****Reporting**

(a) A person who owns or operates a source to which this chapter applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all 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.

(b) A person who receives initial notification by the Department that a source report is necessary shall submit an initial source report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

(c) A source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

**VI. WORK PRACTICE REQUIREMENTS.****# 014 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in subsections (a)(1) -- (7) or (9) 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.





## SECTION C. Site Level Requirements

(2) Application of asphalt, oil, water 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.

### VII. ADDITIONAL REQUIREMENTS.

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

### 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.

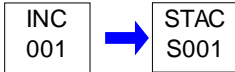
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 001

Source Name: CREMATION UNIT FOR HUMAN REMAINS (POWER-PAK I MODEL)

Source Capacity/Throughput:

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

The permittee shall not permit the emission of sulfur oxides into the outdoor atmosphere from Source ID 001 in such a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

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

Compliance with the above emission restriction in this permit condition will ensure compliance with 25 Pa. Code § 123.12.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

The visible emissions from 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 30% opacity at any time.

Compliance with the above emission restrictions in this permit condition will ensure compliance with 25 Pa. Code § 123.41.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

The permittee shall only use natural gas as the auxiliary fuel for Source ID 001.

**Operation Hours Restriction(s).****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 001 shall not be operated for more than 3744 hours in any 12 consecutive month period.

**Throughput Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

(a) Only human remains intended for interment or cremation may be incinerated in Source ID 001 (as well as Department-approved containers). Under no circumstances shall the permittee use Source ID 001 to incinerate any other type of waste (municipal or commercial/industrial solid, hospital, medical, hazardous, chemotherapeutic, radioactive, etc.), unless written

**SECTION D. Source Level Requirements**

approval is obtained from the Department. Only lightweight containers constructed of cardboards, particleboards and/or wood shall be incinerated in Source ID 001 (along with the human remains).

(b) In addition, prior to all cremations in Source ID 001, the permittee shall ensure that all medical devices (e.g. pacemakers, defibrillators, etc.) and potentially hazardous remedial devices (e.g. radioactive implants, etc.) have been removed from the remains and ensure that the container are free of any plastic materials, such as stuffing, linings, bags, pouches or sheeting. Devices and other materials prohibited in Source ID 001 shall be discarded in accordance with the applicable regulatory requirements (and not by incineration).

Documentation certifying compliance with the above requirements in paragraphs (a) and (b) in this permit condition shall be generated and kept on file at the facility, as further detailed below under Recordkeeping Requirements.

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

The permittee shall abide by the manufacturer's typical loading capacity of 750 lbs. for Source ID 001.

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

If, at any time, the Department has cause to believe that air contaminant emissions from Source ID 001 are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C, Article III, the Department may require the permittee to conduct tests 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 (relating to sampling and testing) and in accordance with any restrictions or limitations established by the Department within one hundred and eighty (180) days of the date the Department notifies the permittee, in writing, of the testing requirement.

**III. MONITORING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall install, maintain, and operate temperature monitors to measure and continuously record the temperature at the exit from the primary combustion chamber and at the exit from the secondary combustion chamber of the crematory associated with Source ID 001. Sensors shall be located such that flames from the burners associated with Source ID 001 do not impinge on the sensors. The primary and secondary combustion chamber operating temperature data shall be continuously recorded in either analog or digital read-only format.

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

The permittee shall perform visual and olfactory observations at least once during each cremation cycle that begins during daylight hours in Source ID 001, to verify compliance with the visible and odor emission limitations, herein. These are to be qualitative observations establishing the absence or presence of visible and odor emissions.

In addition to the visual stack emission observations, the permittee shall install and operate an opacity monitoring device for Source ID 001, and the device shall be maintained by the permittee in accordance with the manufacturer's recommendations. The permittee shall periodically monitor the output reading to the opacity monitoring device during each cremation cycle.

If any visible or odor emissions are apparent, the permittee shall take immediate action to eliminate them; and

If any visible or odor emissions are apparent after the corrective action, the permittee shall not start another cremation cycle until the permittee can verify compliance with the visible emission limitations, herein through methods prescribed in 25 Pa. Code § 123.43, such as Method 9 readings taken by a certified visible emissions reader.

**SECTION D. Source Level Requirements****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The visual and audible alarms for the opacity monitoring device for Source ID 001 shall operate during periods when the visible emissions from Source ID 001 equal or exceed 10 percent opacity, as determined in accordance with 25 Pa. Code section 123.43.

**IV. RECORDKEEPING REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a log for Source ID 001 including the dates and the begin and end times of each cremation that occurred in each calendar month. With respect to the opacity monitoring device and control technology for Source ID 001, the permittee shall also record a description and period of any alarms that occurred, as well as the corrective actions. These records shall be kept by the permittee for a minimum period of five (5) years and shall be made available at once to the Department upon request.

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

(a) The permittee shall generate and keep accurate and comprehensive records of the following information pertaining to Source ID 001:

- i.) All visible emission observations taken during each cremation that occurred in Source ID 001, and any corrective actions (if applicable);
- ii.) The temperatures of the primary and secondary combustion chambers during each cremation cycle on a continuous basis (the originals of the circular charts from the two pen chart recorder that is required to continuously record the operating temperatures of Source ID 001 at all times of operation);
- iii.) The weight of the remains to be cremated on per cremation cycle basis;
- iv.) The amount of natural gas fuel used on a monthly basis;
- v.) The hours of operation;
- vi.) The number of cremations performed;
- vii.) Operator training certifications and training program content;
- viii.) Burner adjustments and maintenance;
- ix.) Thermocouple calibrations, adjustments and replacements;
- x.) The removal from the body and proper disposal of any implanted electronic devices and potentially hazardous remedial devices; and
- xi.) Documentation verifying that the cremation unit including its opacity monitoring device are maintained in accordance with the manufacturer's recommendations.

(b) These records shall be kept by the permittee for a minimum period of five (5) years and shall be made available at once to the Department upon request.

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

If containers are incinerated in Source ID 001 (along with the human remains), documentation from the manufacturer(s) shall be generated and kept on file at the facility. Along with a detailed description of the construction of each cremation container product in use by the permittee, this documentation shall include certification from the manufacturer that

**SECTION D. Source Level Requirements**

documents each of their cremation container product(s) is (-are) compliant with the applicable Source ID 001 Throughput Restriction requirements, herein. These records shall be kept by the permittee for as long as the cremation unit associated with Source ID 001 is active or the life of the unit.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

Source ID 001 shall be equipped with a functioning interlock which prevents the primary combustion chamber burner from firing (and commencement of a cremation cycle) unless the secondary combustion chamber is at a temperature of at least 1800°F. In addition, a secondary combustion chamber temperature of at least 1800°F shall be maintained at all times throughout each cremation (combustion) cycle performed in Source ID 001.

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

The manufacturer's representative or another qualified training source shall provide adequate instruction to all operators of the crematory associated with Source 001 including hands-on control of the unit for at least two operating cycles. The training shall include all of the following elements:

- i) Principles of combustion;
- ii) Operating monitors and controls;
- iii) Operating sequence under normal conditions;
- iv) Safety and operating procedures under foreseeable upset conditions (e.g. power or fuel interruption, burner malfunction, visible emissions, high and low temperature incidents, etc);
- v) Regulatory requirements;
- vi) Calibration, adjustment and replacement of thermocouples;
- vii) Preventive maintenance practices and procedures and recommended frequency;
- viii) Recordkeeping requirements and procedures; and
- ix) Proper operation and maintenance of the opacity monitoring device.

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

Source ID 001 shall be attended by a trained operator at all times the cremation unit is in operation.

**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The manufacturer's representative or another qualified technician shall adjust the burners after Source ID 001 is constructed and before it is first operated and at other appropriate times such as when any manufacturer recommended maintenance for the burner associated with Source ID 001 is due and when visible emissions are observed from Source ID 001.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

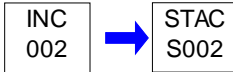
Source ID 001 shall consist of a Matthews Environmental Solutions model Power-Pak I (#IE43-PPI) human cremation unit. The permittee shall construct, operate and maintain the cremation unit associated Source ID 001, including the control technology and monitoring equipment, in accordance with the manufacturer's recommendations and/or specifications.

**SECTION D. Source Level Requirements**

Source ID: 002

Source Name: CREMATION UNIT FOR ANIMAL PET REMAINS (IEB SERIES 16 MODEL)

Source Capacity/Throughput:

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

The permittee shall not permit the emission of sulfur oxides into the outdoor atmosphere from Source ID 002 in such a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

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

Compliance with the above emission restriction in this permit condition will ensure compliance with 25 Pa. Code § 123.12.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

The visible emissions from Source ID 002 shall not equal or exceed 10% opacity for a period or periods aggregating more than 3 minutes in any one hour, or 30% opacity at any time.

Compliance with the above emission restrictions in this permit condition will ensure compliance with 25 Pa. Code § 123.41.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

The permittee shall only use natural gas as the auxiliary fuel for Source ID 002.

**Operation Hours Restriction(s).****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 002 shall not be operated for more than 3744 hours in any 12 consecutive month period.

**Throughput Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall abide by the manufacturer's typical loading capacity of 300 lbs. (pounds) for Source ID 002.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

(a) Only animal remains intended for interment or cremation may be incinerated in Source ID 002 (as well as Department-approved containers). Under no circumstances shall the permittee use Source ID 002 to incinerate animals used for commercial or medical experimentation purposes or other types of waste (municipal or commercial/industrial solid, hospital, medical, hazardous, chemotherapeutic, radioactive, etc.), unless written approval is obtained from the Department. Only lightweight containers constructed of cardboards, particleboards and/or wood shall be incinerated in Source ID 002 (along with the remains).

(b) In addition, prior to all cremations in Source ID 002, the permittee shall ensure that all medical devices (e.g. pacemakers, defibrillators, etc.) and potentially hazardous remedial devices (e.g. radioactive implants, etc.) have been removed from the remains and ensure that the container are free of any plastic materials, such as stuffing, linings, bags, pouches or sheeting. Devices and other materials prohibited in Source ID 002 shall be discarded in accordance with the applicable regulatory requirements (and not by incineration).

Documentation certifying compliance with the above requirements in paragraphs (a) and (b) in this permit condition shall be generated and kept on file at the facility, as further detailed below under Recordkeeping Requirements.

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

If, at any time, the Department has cause to believe that air contaminant emissions from Source ID 002 are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C, Article III, the Department may require the permittee to conduct tests 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 (relating to sampling and testing) and in accordance with any restrictions or limitations established by the Department within one hundred and eighty (180) days of the date the Department notifies the permittee, in writing, of the testing requirement.

**III. MONITORING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall perform visual and olfactory observations at least once during each cremation cycle that begins during daylight hours in Source ID 002, to verify compliance with the visible and odor emission limitations, herein. These are to be qualitative observations establishing the absence or presence of visible and odor emissions.

In addition to the visual stack emission observations, the permittee shall install and operate an opacity monitoring device for Source ID 002, and the device shall be maintained by the permittee in accordance with the manufacturer's recommendations. The permittee shall periodically monitor the output reading to the opacity monitoring device during each cremation cycle.

If any visible or odor emissions are apparent, the permittee shall take immediate action to eliminate them; and

If any visible or odor emissions are apparent after the corrective action, the permittee shall not start another cremation cycle until the permittee can verify compliance with the visible emission limitations, herein through methods prescribed in 25 Pa. Code § 123.43, such as Method 9 readings taken by a certified visible emissions reader.

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

The permittee shall install, maintain, and operate temperature monitors to measure and continuously record the temperature at the exit from the primary combustion chamber and at the exit from the secondary combustion chamber of the crematory associated with Source ID 002. Sensors shall be located such that flames from the burners associated with



**SECTION D. Source Level Requirements**

Source ID 002 do not impinge on the sensors. The primary and secondary combustion chamber operating temperature data shall be continuously recorded in either analog or digital read-only format.

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

The visual and audible alarms for the opacity monitoring device for Source ID 002 shall operate during periods when the visible emissions from Source ID 002 equal or exceed 10 percent opacity, as determined in accordance with 25 Pa. Code section 123.43.

**IV. RECORDKEEPING REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

If containers are incinerated in Source ID 002 (along with the animal remains), documentation from the manufacturer(s) shall be generated and kept on file at the facility. Along with a detailed description of the construction of each cremation container product in use by the permittee, this documentation shall include certification from the manufacturer(s) that documents their cremation container product(s) is (-are) compliant with the applicable Source ID 002 Throughput Restriction requirements, herein. These records shall be kept by the permittee for as long as the cremation unit associated with Source ID 002 is active or the life of the unit.

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

The permittee shall maintain a log for Source ID 002 including the dates and the begin and end times of each cremation that occurred in each calendar month. With respect to the opacity monitoring device and control technology for Source ID 002, the permittee shall also record a description and period of any alarms that occurred, as well as the corrective actions. These records shall be kept by the permittee for a minimum period of five (5) years and shall be made available at once to the Department upon request.

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

(a) The permittee shall maintain accurate and comprehensive records of the following information pertaining to Source ID 002:

- i.) All visible emission observations taken during each cremation that occurred in Source ID 002, and any corrective actions (if applicable);
- ii.) The temperatures of the primary and secondary combustion chambers during each cremation cycle on a continuous basis (the originals of the circular charts from the two pen chart recorder that is required to continuously record the operating temperatures of Source ID 002 at all times of operation);
- iii.) The weight of the remains to be cremated on per cremation cycle basis;
- iv.) The amount of natural gas fuel used on a monthly basis;
- v.) The hours of operation;
- vi.) The number of cremations performed;
- vii.) Operator training certifications and training program content;
- viii.) Burner adjustments and maintenance;
- ix.) Thermocouple calibrations, adjustments and replacements;
- x.) The removal from the body and proper disposal of any implanted electronic devices and potentially hazardous remedial devices; and

**SECTION D. Source Level Requirements**

xi.) Documentation verifying that the cremation unit including its opacity monitoring device are maintained in accordance with the manufacturer's recommendations.

(b) These records shall be kept by the permittee for a minimum period of five (5) years and shall be made available at once 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.****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 002 shall be attended by a trained operator at all times the cremation unit is in operation.

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

The manufacturer's representative or another qualified technician shall adjust the burners after Source ID 002 is constructed and before it is first operated and at other appropriate times such as when any manufacturer recommended maintenance for the burner associated with Source ID 002 is due and when visible emissions are observed from Source ID 002.

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

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

Source ID 002 shall be equipped with a functioning interlock which prevents the primary combustion chamber burner from firing (and commencement of a cremation cycle) unless the secondary combustion chamber is at a temperature of at least 1800°F. In addition, a secondary combustion chamber temperature of at least 1800°F shall be maintained at all times throughout each cremation (combustion) cycle performed in Source ID 002.

**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The manufacturer's representative or another qualified training source shall provide adequate instruction to all operators of the crematory associated with Source 002 including hands-on control of the unit for at least two operating cycles. The training shall include all of the following elements:

- i) Principles of combustion;
- ii) Operating monitors and controls;
- iii) Operating sequence under normal conditions;
- iv) Safety and operating procedures under foreseeable upset conditions (e.g. power or fuel interruption, burner malfunction, visible emissions, high and low temperature incidents, etc);
- v) Regulatory requirements;
- vi) Calibration, adjustment and replacement of thermocouples;
- vii) Preventive maintenance practices and procedures and recommended frequency;
- viii) Recordkeeping requirements and procedures; and

**SECTION D. Source Level Requirements**

ix) Proper operation and maintenance of the opacity monitoring device.

**VII. ADDITIONAL REQUIREMENTS.**

**# 019 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.12]

Source ID 002 shall consist of a Matthews Environmental Solutions model IEB Series 16 (#IE43-IEB 16) animal pet cremation unit. The permittee shall construct, operate and maintain the cremation unit associated Source ID 002, including the control technology and monitoring equipment, in accordance with the manufacturer's recommendations and/or specifications.



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



## SECTION H. Miscellaneous.

The following sources are located at this facility and have been identified to be insignificant sources. Notwithstanding, the sources are subject to all applicable requirements derived from 25 Pa. Code Chapter 121 through 145.

Four Space Heaters fired on natural gas, only. Description of each, as follows:

- York model TM9V120D20MP11, heat input 120,000 Btu/hr
- York model TM9V100C20MP11, heat input 100,000 Btu/hr.
- York model 9V080C16 MP11 heat input 80,000 Btu/hr.
- York model 9V100C20MP11 heat input 100,000 Btu/hr



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

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