

Facility DEC ID: 9292400020

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-2924-00020/00008
Effective Date: 05/04/2022 Expiration Date: 05/03/2032

Permit Issued To: NIAGARA FALLS MEMORIAL PARK
5871 MILITARY RD
LEWISTON, NY 14092-2218

Contact: Michael Benden
5871 Military Rd
Lewiston, NY 14092
(716) 297-0811

Facility: NIAGARA FALLS MEMORIAL PARK
5871 MILITARY RD
LEWISTON, NY 14092

Description:

Niagara Falls Memorial Park (NFMP) is a non-profit cemetery in the town of Lewiston, County of Niagara, State of New York that offers burials and cremations. The cremations are performed using its All 1701 Retort, manufactured in 1981. In addition to the retort, NFMP uses a Goodman Furnace (Model # 950904CXAC Max BTU = 92,000) and a Rheem water heater (10 Gallons, Electric, 120 volts).

This Air State Facility (ASF) permit is for NFMP to replace its All 1701 retort with a new Matthews Crematory Incinerator (Model IE43-PPII Plus). This is a single phase project with minimal changes to the existing facility. It will require minimal roof work for proper stack penetration, removal of the current All 1701 Retort, and removal of the existing 6'x7' double doors and replacement with 8'x8' double doors, allowing the old unit to be removed, and the new unit installed.

Model IE43-PPII Plus is a single chamber unit powered by natural gas fired burners. The crematory incinerator is designed to incinerate human remains and approved funeral containers at a rate of 175 pounds per hour at a maximum operating capacity of 12 hours per day for 365 days per year. The Model IE43-PPII is equipped with an Emissions Monitoring System (EMS), which has opacity sensors that automatically monitor and correct any visible smoke leaving the system. It also has a 96 cubic feet secondary combustion chamber for complete combustion of smoke and odor.

The Matthews Power Pak II Plus, Model IE43-PPII Plus crematory incinerator is identified in the permit under Process 001 and emission source ES001. In accordance with 6NYCRR Part 219-4.1, ES001 is a new cremation unit because an application for an air permit was received after the effective date of 6NYCRR Part 219 or after March 14, 2020. The particulate emission limit for ES001, as stated in 6 NYCRR Part 219-4.3(b), shall not exceed 0.05 grains per dry standard cubic foot of flue gas, corrected to seven percent oxygen.

As per 6NYCRR 219-4.4, ES001 must be operated such that emissions to the outdoor atmosphere do not equal or exceed a six-minute average opacity of 10 percent from any

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cremation unit. In addition, each cremation unit must maintain a one-hour average temperature of at least 1600 degrees Fahrenheit in the secondary combustion chamber, with a minimum residence time for combustion gases of at least one second, at all times remains are being cremated.

As per 6NYCRR 219-4.5, the facility submitted a representative stack test for an identical unit. The stack test report for the Matthews Power Pak II Plus, Model IE43-PPII Plus meet the department’s standards for approval.

As per 6NYCRR 219-4.6, each cremation unit must be operated under the onsite supervision of a person possessing a valid crematory operator certification issued by the department.

As per 6NYCRR 219-4.7, the cremation unit must be inspected at least once per calendar year.

As per 6NYCRR 219-4.8(a), the following records must be maintained at the facility for a period of at least five years:

- (a) continuous temperature monitoring records indicating the date and time of each cremation performed;
- (b) operator training and certification records for all operators at the facility;
- (c) a record of the date, time, and cause of all malfunctions and any corrective action taken to resolve them;
- (d) a record of any maintenance performed on each cremation unit, including the annual inspection required by section 219-4.7 of this Subpart, and the routine replacement of parts and components; and
- (e) a copy of each cremation certification form created pursuant to section 219-4.4(e) of this Subpart.

As per 6NYCRR 219-4.8(b), the following records must be maintained at the facility for the lifetime of each cremation unit installed at the facility:

- (a) manufacturer’s operating instructions for each cremation unit and any associated monitoring equipment or emissions controls; and
- (b) a copy of the most recent stack test submitted to the department in order to demonstrate compliance with this Subpart.

A CLCPA conformity review was completed and accepted for this new ASF.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: LISA M CZECHOWICZ
NYSDEC - REGION 9
270 MICHIGAN AVE
BUFFALO, NY 14203-2915

Authorized Signature: _____ Date: ___ / ___ / _____

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Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

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DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:
 The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
 The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
 A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
 Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:
 The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:
 The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

Item 3.3
 Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department

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Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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Condition 5: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Facility: NIAGARA FALLS MEMORIAL PARK
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Authorized Activity By Standard Industrial Classification Code:
7261 - FUNERAL SERVICE AND CREMATORIES

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FEDERALLY ENFORCEABLE CONDITIONS

FINAL

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NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

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Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

(a) Except as otherwise provided by this Part, construction or operation of a new, modified or existing air contamination source without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

Item E: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item H: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit

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that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Required Emission Tests - 6 NYCRR 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item K: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to

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emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Visible Emissions Limited
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable Federal Requirement: 6 NYCRR 211.2

Item 1.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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STATE ONLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) an emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) the equipment at the facility was being properly operated and maintained;

(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) the facility owner or operator notified the department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or malfunction provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.

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Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 2: Contaminant List
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement: ECL 19-0301

Item 2.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit (emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY075-00-0
Name: PARTICULATES

Condition 3: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement: 6 NYCRR 201-1.4

Item 3.1:
(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the

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emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 4: Emission Unit Definition
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 4.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-00001

Emission Unit Description:

Emission Unit U-00001 includes one (1) Matthews Environmental Solutions Power Pak II Plus human crematory incinerator equipped with two chambers powered by natural gas burners.

Building(s): CREM1

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Condition 5: Renewal deadlines for state facility permits
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 5.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Condition 6: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 9
270 Michigan Ave.
Buffalo, NY 14203

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 7: Air pollution prohibited
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 211.1

Item 7.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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Condition 8: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.4 (a)

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person may cause or allow emissions to the outdoor atmosphere having a six-minute average opacity of 10 percent or greater from any cremation unit. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: EPA Reference Test Method 9

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.4 (b)

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The owner or operator of a cremation unit must maintain a one-hour average temperature of at least 1600 degrees Fahrenheit in the secondary combustion chamber, with a minimum residence time for combustion gases of at least one second, at all times remains are being cremated.

The owner or operator of a cremation unit must install, operate, calibrate, and maintain, in accordance with manufacturer's instructions, instruments for continuously

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monitoring and recording the secondary chamber combustion temperature.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1600 degrees Fahrenheit for at least one second for residence time

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Operating Requirements - Allowed Materials
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.4 (d)

Item 10.1:

No person may combust materials other than human and animal remains, their associated containers, pathological waste, and incidental animal bedding in any cremation unit unless prior written authorization has been obtained from the Department.

Condition 11: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.4 (e)

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person may cause or allow the combustion of human and animal remains in any cremation unit unless a cremation certification form has been completed. Each cremation certification form shall contain the following information at a minimum:

- (1) The name, title, and affiliation of the person providing the remains for cremation;
- (2) An attestation signed by the person providing the remains for cremation attesting that the remains and their container do not contain materials prohibited from being combusted by 6 NYCRR Subpart 219-4;
- (3) The name and signature of the person accepting the remains for cremation; and
- (4) The date the remains were accepted for cremation.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 12: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.4 (f)

Item 12.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person may cause or allow human or animal remains to be charged at a crematory facility in excess of the manufacturer's rated hourly capacity of the cremation unit.

The facility owner or operator shall maintain records indicating the weight of remains charged to the cremation unit at the facility for a period of at least five years from the date of the record. Such records must be made available to the Department upon request.

Parameter Monitored: FEED RATE

Upper Permit Limit: 175 pounds per hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.5

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6 NYCRR Part 219-4.5(a) states that upon request by the department, the owner or operator of a crematory facility must demonstrate compliance with the requirements of this Subpart by either conducting on-site testing or submitting

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a representative stack test for an identical unit.

The facility submitted a representative stack test for an identical unit. The stack test report for the Matthews Power Pak II Plus, Model IE43-PPII Plus meet the department’s standards for approval.

No further reporting or recordkeeping are required.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Operator Training and Certification
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.6 (a)

Item 14.1:

No cremation unit subject to the requirements of 6 NYCRR Subpart 219-4 is permitted to operate unless it is operated under the onsite supervision of a person possessing a valid crematory operator certification issued by the Department.

Condition 15: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.7 (a)

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a crematory facility must inspect each cremation unit at that facility at least once per calendar year. The facility owner or operator shall perform all necessary repairs and routine maintenance in order to ensure that each cremation unit, monitoring device, and control device is operated and maintained in accordance with manufacturer's instructions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/02/2023 for the period 05/04/2022 through 05/03/2023

Condition 16: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR 219-4.8 (a)

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Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a crematory facility must maintain the following records at the facility for a period of at least five years:

- (1) Continuous secondary chamber temperature monitoring records indicating the date and time of each cremation performed;
- (2) Operator training and certification records for all operators at the facility;
- (3) A record of the date, time, and cause of all malfunctions and any corrective action taken to resolve them;
- (4) A record of any maintenance performed on each cremation unit, including the annual inspection required by 6 NYCRR Section 219-4.7, and the routine replacement of parts and components; and
- (5) A copy of each cremation certification form created pursuant to 6 NYCRR Subdivision 219-4.4(e).

All records kept pursuant to this condition must be provided to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 17: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement: 6 NYCRR 219-4.8 (b)

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a crematory facility must

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maintain the following records at the facility for the lifetime of each cremation unit installed at the facility:

(1) Manufacturer's operating instructions for each cremation unit and any associated monitoring equipment or emissions controls; and

(2) A copy of the most recent stack test submitted to the Department to demonstrate compliance with the requirements of 6 NYCRR Subpart 219-4.

Records kept pursuant to this condition must be provided to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

****** Emission Unit Level ******

Condition 18: Emission Point Definition By Emission Unit
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 18.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00001

Emission Point: EP001

Height (ft.): 25

Diameter (in.): 20

NYTMN (km.): 4783.613

NYTME (km.): 173.774

Building: CREM1

Condition 19: Process Definition By Emission Unit
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 19.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001

Process: 001

Source Classification Code: 3-15-021-01

Process Description:

Process 001 includes a Matthews Power Pak II Plus, Model IE43-PPII Plus crematory incinerator to be installed in September 2022. The primary chamber has a 1,000,000 Btu per hour (Btu/hr) burner and a 1,200,000 Btu/hr burner for the secondary chamber. The unit is equipped with two

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continuous temperature recorders, one in each chamber.
 The gas flow retention time in the secondary chamber is greater than one second. The unit has an incineration capacity of 175 lbs/hr and can combust human remains and funeral containers.

Emission Source/Control: BURN1 - Combustion
 Design Capacity: 1 million Btu per hour

Emission Source/Control: BURN2 - Control
 Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: ES001 - Incinerator
 Design Capacity: 175 pounds per hour
 Waste Feed Method: MANUAL DIRECT FEED
 Waste Type: CREMATORY WASTE (INCLUDING HUMAN AND/OR ANIMAL BODY PARTS AND ASSOCIATED ANIMAL BEDDING) ONLY

Condition 20: Compliance Demonstration
Effective between the dates of 05/04/2022 and 05/03/2032

Applicable State Requirement: 6 NYCRR 219-4.3 (b)

Item 20.1:
 The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):
 CAS No: 0NY075-00-0 PARTICULATES

Item 20.2:
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

No person may cause or allow emissions of particulates into the outdoor atmosphere from a new or modified cremation unit in excess of 0.05 grains per dry standard cubic foot of flue gas, corrected to seven percent oxygen.

Compliance with this condition will be demonstrated according to the stack testing requirements outlined in 6 NYCRR Section 219-4.5.

Parameter Monitored: PARTICULATES
 Upper Permit Limit: 0.05 grains per dry standard cubic foot (corrected to 7% O₂)
 Reference Test Method: EPA Reference Test Method 5
 Averaging Method: Arithmetic average of stack test runs
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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