



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-1464-00005/00006
Effective Date: 06/26/2017 Expiration Date: 06/25/2022

Permit Issued To: SHERIDAN PARK INC
2600 SHERIDAN DR
TONAWANDA, NY 14150

Contact: MICHAEL R SPIDER
SHERIDAN PARK CREMATORY
2600 SHERIDAN DR
TONAWANDA, NY 14150
(716) 836-6500

Facility: SHERIDAN PARK CREMATORY
2600 SHERIDAN DR
TONAWANDA, NY 14150

Description:

This Air State Facility permit is for a human remains cremation unit at Sheridan Park Crematory (Sheridan Park) that is subject to 6 NYCRR Part 219-4. The cremation unit is the existing Matthews Power-Pak II Crematory incinerator that will be completely refurbished including the replacement of refractory materials, replacement of air injection nozzles, replacement and relocation of the secondary burner, and replacement of the operating system. In addition to refurbishing the cremation unit, air pollution control equipment will be installed. The additional controls will include sodium bicarbonate for acid gases and carbon injection for mercury, as well as a baghouse capable of achieving at least 99% control efficiency for particulate. Each cremation cycle will take approximately 3 hours to complete. Therefore, the unit will be physically capable of completing approximately 2,920 cremations in a year. The actual cremation rate will not likely exceed 1,500 annually. The Department is requiring Sheridan Park to maintain the stack to be 17 feet above the roof to ensure that emissions are properly dispersed. Also, Sheridan Park will install the M-pyre 2.0 remote monitoring and management system as part of the refurbishing. The M-pyre 2.0 allows remote technicians to diagnose and identify problems immediately.

Per 6NYCRR Part 219-4.3 No person may cause or allow emissions of particulates into the outdoor atmosphere from any emission source located in a crematory facility in excess of 0.08 grains per dry standard cubic foot of flue gas, corrected to seven percent oxygen.

Per 6 NYCRR Part 219-4.4 Furnace design must provide for a residence time for combustion gas of at least one second at no less than 1,800°F. For a multi chamber incinerator, these parameters must be met after the primary combustion chamber and the primary combustion chamber temperature must be maintained at no less than 1,400°F.

Per 6NYCRR Part 219-4.5 (a) No person may cause or allow emissions to the outdoor atmosphere having a six-minute average opacity of 10 percent or greater from any emission source subject to these requirements.

New York State Department of Environmental Conservation
Facility DEC ID: 9146400005



(b) No person may operate a crematory facility unless the temperatures described in section 219-4.4 of this Subpart are maintained at all times that waste is being burned.

Per 6NYCRR Part 219-4.7 Any person who owns or operates a crematory facility must install, operate and maintain in accordance with manufacturer's instructions, instruments meeting specifications acceptable to the commissioner for continuously monitoring and recording the following emission and operating parameters:

- (1) primary combustion chamber exit temperature;
- (2) secondary (or last) combustion chamber exit temperature.

Per 6NYCRR Part 219-4.8 (a) Each incinerator to be installed in a crematory facility must demonstrate compliance with the standards in this Subpart by either (1) onsite testing, or (2) submittal of a test report for an identical incinerator tested in New York and approved by the commissioner.

(b) A test protocol, including the configuration of breeching, stack and test port locations and test methods must be submitted for the commissioner's approval at least 30 days prior to stack testing.

(c) Witnessing of all stack tests by the commissioner's representative is required. Results of any stack test done in the absence of an approved protocol, or which is not witnessed, will not be accepted.

(d) Three copies of the stack test report must be submitted by the permittee to the commissioner within 60 days after completion of the tests, in accordance with section 202.3 of this Title. Sheridan Park Crematory shall onsite test the refurbished Matthews Power Pak II including the additional air pollution control equipment within 90 days of startup.

Per 6NYCRR Part 219-4.11 Each owner or operator of a permitted crematory facility must annually inspect that facility and submit a report to the commissioner, certifying that the condition and operation of that facility, including the calibration of all instrumentation, meet manufacturer's specifications.

There is also a cremated remains processor and associate processing station at this facility. The processor is self-contained and does not create any emissions. The processing station uses a filter to collect any dust during transfer of the remains, and does not vent outside.

All records of inspections, operation, and maintenance will be kept on site for five years for NYSDEC review.

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: ____ / ____ / ____





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.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

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



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
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.

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

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

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

Permit Issued To: SHERIDAN PARK INC
2600 SHERIDAN DR
TONAWANDA, NY 14150

Facility: SHERIDAN PARK CREMATORY
2600 SHERIDAN DR
TONAWANDA, NY 14150

Authorized Activity By Standard Industrial Classification Code:
7261 - FUNERAL SERVICE AND CREMATORIES

Permit Effective Date: 06/26/2017

Permit Expiration Date: 06/25/2022



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 211.1: Air pollution prohibited

Emission Unit Level

EU=C-00001

- 3 6 NYCRR 200.6: Compliance Demonstration
- 4 6 NYCRR 200.6: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 5 ECL 19-0301: Contaminant List
- 6 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 7 6 NYCRR Subpart 201-5: Emission Unit Definition
- 8 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 9 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 10 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 11 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit

EU=C-00001

- 21 6 NYCRR 219-4.3: Compliance Demonstration
- 12 6 NYCRR 219-4.4: This section describes design requirements for crematories and pathological incinerators.
- 13 6 NYCRR 219-4.5: Operating requirements for crematories as outlined in this Subpart.
- 14 6 NYCRR 219-4.6: This section describes other wastes that can and can not be burned in a crematory.
- 15 6 NYCRR 219-4.7: Compliance Demonstration
- 16 6 NYCRR 219-4.8: Compliance Demonstration
- 17 6 NYCRR 219-4.8: Compliance Demonstration
- 18 6 NYCRR 219-4.8: Compliance Demonstration
- 19 6 NYCRR 219-4.10: Operator training and certification requirements.
- 20 6 NYCRR 219-4.11: Compliance Demonstration



FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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.

Condition 2: Air pollution prohibited
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable Federal Requirement:6 NYCRR 211.1

Item 2.1:

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.

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

Condition 3: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable Federal Requirement:6 NYCRR 200.6

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 3.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



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

Monitoring Description:

Baghouse Pressure Differential Monitoring:

1.) The pressure differential across the baghouse shall be between 3 and 20 inches of water column.

2.) The pressure differential across the baghouse shall be checked hourly, when operating, and recorded in the inspection log. Records must be kept on-site for 5 years.

3.) If the pressure differential is outside this normal range, then the process and emission control equipment shall be inspected and corrective actions taken prior to continuing with additional cremations. If corrective actions are not effective, cremations must cease and the operator shall consult with the manufacturer. The Department shall be notified if corrective actions are not effective within two (2) working days of the pressure differential being out of the acceptable range. Corrective actions shall be recorded in the inspection log.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 3 inches of water

Upper Permit Limit: 20 inches of water

Monitoring Frequency: Hourly when in use

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 4: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable Federal Requirement: 6 NYCRR 200.6

Item 4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



To reduce the amount of mercury emitted from the cremation process, a reagent will be added at the rate of 125 grams per hour. This rate shall be confirmed as effective during the stack test required for acid gases as well.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: BODIES

Parameter Monitored: ACTIVATED CARBON

Lower Permit Limit: 125 grams per hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

Subsequent reports are due every 12 calendar month(s).



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 5: Contaminant List
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:ECL 19-0301

Item 5.1:

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

CAS No: 007439-97-6

Name: MERCURY

CAS No: 0NY075-00-0

Name: PARTICULATES

Condition 6: Malfunctions and start-up/shutdown activities
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 201-1.4

Item 6.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the 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 malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, 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 stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and 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. 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, identification of air contaminants, and an estimate of the emission rates.

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



(d) The department may also require the 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 7: Emission Unit Definition
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 7.1:

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

Emission Unit: C-00001

Emission Unit Description:

The cremation unit is the existing Matthews (IE43-SPP Plus) Power-Pak II Plus Human Cremator incinerator that will be completely refurbished including the replacement of refractory materials, replacement of air injection nozzles, replacement and relocation of the secondary burner, and replacement of the operating system. In addition to refurbishing the cremation unit, air pollution control equipment will be installed. The additional controls will include sodium bicarbonate and carbon injection, as well as a baghouse.

Condition 8: Renewal deadlines for state facility permits
Effective between the dates of 06/26/2017 and 06/25/2022

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

Item 8.1:

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 9: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022

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

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 9.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

Condition 10: Visible Emissions Limited
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 211.2

Item 10.1:

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.

**** Emission Unit Level ****

Condition 11: Emission Point Definition By Emission Unit
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 11.1:

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

Emission Unit: C-00001

Emission Point: S0001

Height (ft.): 40

Diameter (in.): 20

NYTMN (km.): 4765.867 NYTME (km.): 187.137

Condition 21: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022



Applicable State Requirement:6 NYCRR 219-4.3

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

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

Item 21.2:

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 any crematory in excess of 0.08 grains per dry standard cubic foot of flue gas, corrected to seven percent oxygen.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.08 grains per dry standard cubic foot (corrected to 7% O₂)

Reference Test Method: EPA Method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: This section describes design requirements for crematories and pathological incinerators.
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.4

Item 12.1:

This Condition applies to Emission Unit: C-00001

Item 12.2:

(a) Furnace design must provide for a residence time for combustion gas of at least one second at no less than 1800F. For a multichamber incinerator, these parameters must be met after the primary combustion chamber and the secondary combustion chamber temperature must be maintained at no less than 1400F.

(b) Auxiliary burners must be designed to provide combustion chamber temperatures as described in subdivision (a) of this section by means of automatic modulating controls.

(c) Mechanically fed crematories must incorporate an air lock system to prevent opening the crematory to the room environment. The volume of the loading system must be designed so as to prevent overcharging to assure complete combustion of the charge.



Condition 13: Operating requirements for crematories as outlined in this Subpart.
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.5

Item 13.1:

This Condition applies to Emission Unit: C-00001

Item 13.2:

(a) No person may cause or allow emissions to the outdoor atmosphere having a six minute average opacity of ten percent or greater from any crematory.

(b) No person may operate a crematory facility unless the temperatures described in section 219-4.4 of this Subpart are maintained at all times that waste is being burned.

(c) The department must be notified in writing at least ten days prior to the initial commencement of operation of a crematory.

Condition 14: This section describes other wastes that can and can not be burned in a crematory.
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.6

Item 14.1:

This Condition applies to Emission Unit: C-00001

Item 14.2:

(a) Municipal solid waste may not be burned in a crematory.

(b) Infectious waste (other than pathological waste and animal bedding) in excess of five percent of the total permitted hourly charging rate may not be burned in a crematory.

(c) Radioactive waste may not be burned in a crematory unless that crematory is exempt from or has been issued a permit pursuant to Part 380 of this Title.

(d) Hazardous waste may not be burned in a crematory unless that crematory is exempt from or has been issued a permit pursuant to Part 373 of this Title.

Condition 15: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.7

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



Item 15.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any person who owns or operates a crematory facility must install, operate and maintain in accordance with manufacturer's instructions, instruments meeting specifications acceptable to the commissioner for continuously monitoring and recording the following emission and operating parameters:

- (1) primary combustion chamber exit temperature;
- (2) secondary (or last) combustion chamber exit temperature.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 16: Compliance Demonstration

Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.8

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To reduce the amount of mercury and acid gases emitted from the cremation process, a reagent will be added at the rate of 125 grams per hour. The reagent consists of Sodium Bicarbonate for control of acid gases, Activated Carbon for control of mercury, AddSorb VQN for control of mercury and an Anti-Clogging reagent. Sheridan Park Crematory must perform an emission test within 90 days of startup to verify the emission estimates provided in the permit application. If the tested emission rates are higher than the emission estimates provided in the permit application, then a new air dispersion model must be performed.

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



Manufacturer Name/Model Number: Matthews Power Pak II
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 17: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.8

Item 17.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Item 17.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To ensure that the crematory incinerator is operating as designed, the following emissions must be tested using USEPA methods, or those approved by the Department, within 90 days of startup:

Particulate Matter;
Mercury;
Chlorine and compounds containing Chlorine;
Carbon Monoxide;
Carbon Dioxide; and
Oxygen

A test protocol, including the configuration of breeching, stack and test port locations and test methods must be submitted for the commissioner's approval at least 30 days prior to stack testing. Witnessing of all stack tests by the commissioner's representative is required. Results of any stack test done in the absence of an approved protocol, or which is not witnessed, will not be accepted. Three copies of the stack test report must be submitted by the permittee to the commissioner within 60 days after completion of the tests, in accordance with section 202.3 of this Title.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 18: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.8

New York State Department of Environmental Conservation

Permit ID: 9-1464-00005/00006

Facility DEC ID: 9146400005



Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

- (a) Sheridan Park Crematory shall onsite test the refurbished Matthews Power Pak II including the additional air pollution control equipment within 90 days of startup.
- (b) A test protocol, including the configuration of breeching, stack and test port locations and test methods must be submitted for the commissioner's approval at least 30 days prior to stack testing.
- (c) Witnessing of all stack tests by the commissioner's representative is required. Results of any stack test done in the absence of an approved protocol, or which is not witnessed, will not be accepted.
- (d) Three copies of the stack test report must be submitted by the permittee to the commissioner within 60 days after completion of the tests, in accordance with section 202.3 of this Title.

Manufacturer Name/Model Number: Matthews Power Pak II

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.08 grains per dry standard cubic foot (corrected to 7% O₂)

Reference Test Method: EPA Method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 19: Operator training and certification requirements.
Effective between the dates of 06/26/2017 and 06/25/2022**

Applicable State Requirement:6 NYCRR 219-4.10

Item 19.1:

This Condition applies to Emission Unit: C-00001

Item 19.2:



(a) This facility may not operate except under the onsite direction of a person possessing an appropriate incinerator operator certification issued by the commissioner.

(b) Persons operating this facility must be certified in writing by the holder of an incinerator operator certification, relative to:

(1) proper operation and maintenance of equipment at that facility; and

(2) knowledge of environmental permit conditions and the impact of plant operation on emissions for that facility.

Condition 20: Compliance Demonstration
Effective between the dates of 06/26/2017 and 06/25/2022

Applicable State Requirement:6 NYCRR 219-4.11

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a crematory facility must annually inspect the facility and submit a written report to the department, certifying that the condition and operation of the facility, including the calibration of all instrumentation, meets manufacturer's specifications.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

Subsequent reports are due every 12 calendar month(s).