



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 9-0412-00051/00003  
Effective Date: 09/10/2013 Expiration Date: 09/09/2023

Permit Issued To: OLEAN CREMATION CO INC  
100 HOMER ST  
OLEAN, NY 14760

Contact: BRADLEY M SPINK  
646 E STATE ST  
OLEAN, NY 14760-2915  
(716) 372-2200

Facility: OLEAN CREMATION CO  
100 HOMER ST  
OLEAN, NY 14760

Contact: BRADLEY M SPINK  
646 E STATE ST  
OLEAN, NY 14760-2915  
(716) 372-2200

Description:  
The Olean Cremation Company located at 100 Homer Street, Olean, New York operates one existing cremation unit. The existing unit is an Industrial Equipment and Engineering Power Pak II Model IE43-PP II rated at 90 lbs/hr and constructed in June, 1996.

This permit modification is for the installation and operation of a new cremation unit. The new unit is a Matthews Super Power Pak III Model IE43-SPP rated at 200 lbs/hr.

Both units are subject to the design, operating and monitoring requirements of 6NYCRR Part 219-4 summarized as follows:

(1) Each cremation unit demonstrated that it does not exceed the numerical particulate emission limit of 0.08 grains per dry standard cubic foot of flue gas, corrected to seven percent oxygen. A stack test report for an identical (same manufacturer and model) cremation unit tested in New York was provided.

(2) The temperature of the primary and secondary chambers must be monitored and recorded while the unit is operating. The primary chamber must be maintained at 1400 degrees Fahrenheit and the secondary chamber must be maintained at 1800 degrees Fahrenheit when the crematory is in use.



(3) The opacity of crematory emissions is limited to less than 10 percent during any consecutive six minute period.

(4) Crematory owners must inspect their equipment annually to demonstrate that it is maintained and operated according to manufacturer's instructions. An annual report must be submitted to the DEC that lists any repairs or corrective actions taken during the year to ensure proper operation.

(5) Crematory operators are required to complete an approved training course and obtain an appropriate operator certification issued by the DEC.

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 PORTER  
  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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for 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.



**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: 9-0412-00051/00003

Facility DEC ID: 9041200051



**Permit Under the Environmental Conservation Law (ECL)**

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

**IDENTIFICATION INFORMATION**

Permit Issued To: OLEAN CREMATION CO INC  
100 HOMER ST  
OLEAN, NY 14760

Facility: OLEAN CREMATION CO  
100 HOMER ST  
OLEAN, NY 14760

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

Permit Effective Date: 09/10/2013

Permit Expiration Date: 09/09/2023



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 211.1: Air pollution prohibited

### STATE ONLY ENFORCEABLE CONDITIONS

#### Facility Level

- 2 ECL 19-0301: Contaminant List
- 3 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 4 6 NYCRR Subpart 201-5: Emission Unit Definition
- 5 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 6 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 7 6 NYCRR 211.2: Visible Emissions Limited

#### Emission Unit Level

- 8 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 9 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

#### EU=1--0000,Proc=001

- 10 6 NYCRR 219-4.3: Compliance Demonstration
- 11 6 NYCRR 219-4.4: This section describes design requirements for crematories and pathological incinerators.
- 12 6 NYCRR 219-4.5 (a): Compliance Demonstration
- 13 6 NYCRR 219-4.5 (b): Compliance Demonstration
- 14 6 NYCRR 219-4.5 (b): Compliance Demonstration
- 15 6 NYCRR 219-4.6: This section describes other wastes that can and can not be burned in a crematory.
- 16 6 NYCRR 219-4.7: Compliance Demonstration
- 17 6 NYCRR 219-4.10: Operator training and certification requirements.
- 18 6 NYCRR 219-4.11: Inspection and Reporting requirements.





**FEDERALLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Facility Level \*\*\*\***

**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.

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

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: Emergency Defense - 6 NYCRR 201-1.5**

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/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 corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/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 upset provision contained in any applicable requirement.

**Item F: 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 G: 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 H: 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 I: 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 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 J: 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 K: 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 L: 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 M: 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 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: Air pollution prohibited**



**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 1.1:**

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.



**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: 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. 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 B: 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 09/10/2013 and 09/09/2023**



**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 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Replaces Condition(s) 2**

**Item 3.1:**

(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.

(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 4: Emission Unit Definition**  
Effective between the dates of 09/10/2013 and 09/09/2023

**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: 1--0000

Emission Unit Description:

Emission Unit 1-0000 includes the operation of two cremation units as follows:

Unit 1: Industrial Equipment and Engineering Power Pak II Model IE43-PP II rated at 90 lbs/hr, constructed in June, 1996.

Unit 2: Matthews Super Power Pak III Model IE43-SPP rated at 200 lbs/hr, constructed in June, 2013.

Building(s): 1

**Condition 5: Renewal deadlines for state facility permits**  
Effective between the dates of 09/10/2013 and 09/09/2023

**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 09/10/2013 and 09/09/2023

**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

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2014.  
Subsequent reports are due every 12 calendar month(s).

**Condition 7: Visible Emissions Limited**  
**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 211.2**

**Replaces Condition(s) 4**

**Item 7.1:**

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 8: Emission Point Definition By Emission Unit**  
**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 8.1:**

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

Emission Unit: 1--0000

Emission Point: 0001A

Height (ft.): 18 Diameter (in.): 20  
NYTMN (km.): 4666.8 NYTME (km.): 216.6 Building: 1

Emission Point: 0002A

Height (ft.): 17 Diameter (in.): 20  
NYTMN (km.): 4666.8 NYTME (km.): 216.6 Building: 1

**Condition 9: Process Definition By Emission Unit**  
**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 9.1:**

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

Emission Unit: 1--0000



Process: 001 Source Classification Code: 3-15-021-01

Process Description:

Process 001 includes the incineration of human remains in accordance with 6NYCRR Part 219-4.

Emission Source/Control: 0000B - Control  
Control Type: COMBUSTION CHAMBER

Emission Source/Control: 0000C - Control  
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 0002B - Control  
Control Type: COMBUSTION CHAMBER

Emission Source/Control: 0002C - Control  
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 0000A - Incinerator  
Design Capacity: 90 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

Emission Source/Control: 0002A - Incinerator  
Design Capacity: 200 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 10: Compliance Demonstration**  
**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement: 6 NYCRR 219-4.3**

**Item 10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1--0000  
Process: 001

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

**Item 10.2:**

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 emission source

New York State Department of Environmental Conservation

Permit ID: 9-0412-00051/00003

Facility DEC ID: 9041200051



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

Olean Cremation demonstrated compliance with this standard by submitting stack tests for similar units.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.08 grains per 100 dry standard cubic ft (corrected to 7% O<sub>2</sub>)

Reference Test Method: EPA Ref Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 11: This section describes design requirements for crematories and pathological incinerators. Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.4**

**Item 11.1:**

This Condition applies to Emission Unit: 1--0000  
Process: 001

**Item 11.2:**

(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 primary 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 12: Compliance Demonstration Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.5 (a)**

**Replaces Condition(s) 9**

**Item 12.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1--0000  
Process: 001

**New York State Department of Environmental Conservation**

Permit ID: 9-0412-00051/00003

Facility DEC ID: 9041200051



**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 emissions to the outdoor atmosphere having a six minute average opacity of ten percent or greater from any crematory.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 13: Compliance Demonstration**  
**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.5 (b)**

**Replaces Condition(s) 10**

**Item 13.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1--0000

Process: 001

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

No person may operate a crematory unless the primary chamber temperature is maintained at 1400 degrees Fahrenheit at all times waste is being burned.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 14: Compliance Demonstration**  
**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.5 (b)**

**Item 14.1:**

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 9-0412-00051/00003

Facility DEC ID: 9041200051



Emission Unit: 1--0000  
Process: 001

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

No person may operate a crematory unless the secondary chamber temperature is maintained at 1800 degrees Fahrenheit at all times waste is being burned.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1800 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 15: This section describes other wastes that can and can not be burned in a crematory.**

**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.6**

**Item 15.1:**

This Condition applies to Emission Unit: 1--0000  
Process: 001

**Item 15.2:**

(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 16: Compliance Demonstration**

**Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.7**

**Item 16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1--0000



Process: 001

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

**Item 16.2:**

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: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Operator training and certification requirements.  
Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.10**

**Item 17.1:**

This Condition applies to Emission Unit: 1--0000  
Process: 001

**Item 17.2:**

(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 18: Inspection and Reporting requirements.  
Effective between the dates of 09/10/2013 and 09/09/2023**

**Applicable State Requirement:6 NYCRR 219-4.11**



**Item 18.1:**

This Condition applies to Emission Unit: 1--0000  
Process: 001

**Item 18.2:**

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.

