

# Administrative Hearing Request Checklist and Tracking Form

## I. Document Being Appealed

Name of the Facility	Facility ID Number	Permit Activity Number	Issuance Date
HARLEIGH CEMETERY ASSOC	50318	PCP200002	

## II. Contact Information

Name of Person Requesting Hearing	Name of Attorney (if applicable)
<b>Address:</b>	<b>Address:</b>
<b>Telephone:</b>	<b>Telephone:</b>

## III. Please include the following information as part of your request:

- A. The date the permittee received the permit decision;
- B. Two printed copies of the document being appealed – for submitting to address 1 below;  
A PDF copy of the document being appealed on a CD – for submitting to address 2 below
- C. The legal and factual questions you are appealing;
- D. A statement as to whether or not you raised each legal and factual issues during the permit application process;
- E. Suggested revised or alternative permit conditions;
- F. An estimate of the time required for the hearing;
- G. A request, if necessary, for a barrier-free hearing location for physically disabled persons;
- H. A clear indication of any willingness to negotiate a settlement with the Department prior to the Departments processing of your hearing request to the Office of Administrative Law;

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

1. New Jersey Department of Environmental Protection  
Office of Legal Affairs  
Attention: Adjudicatory Hearing Requests  
401 E. State Street, P.O. Box 402  
Trenton, New Jersey 08625
2. Mail Code: 401-02  
New Jersey Department of Environmental Protection  
Air Quality Program  
P.O. Box 420  
Trenton, New Jersey 08625-0420  
Phone: (609) 633-2829

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

## Administrative Hearing Request Checklist and Tracking Form

### IV. If you are not the applicant but rather an interested person claiming to be aggrieved by the permit decision, please include the following information:

1. The date you or your agent received notice of the permit decision (include a copy of that permit decision with your hearing request);
2. Evidence that a copy of the request has been delivered to the applicant for the permit which is the subject of the permit decision;
3. A detailed statement of which findings of fact and/or conclusion of law you are challenging;
4. A description of your participation in any public hearings held in connection with the permit application and copies of any written comments you submitted;
5. Whether you claim a statutory or constitutional right to a hearing, and, if you claim such a right, a reference to the applicable statute or explanation of how your property interests are affected by the permit decision;
6. If the appeal request concerns a CAFRA permit decision, evidence that a copy of the request has been delivered to the clerks of the county and the municipality in which the project which is the subject of the permit decision is located;
7. Suggested revised or alternative permit conditions;
8. An estimate of the time required for the hearing;
9. A request, if necessary, for a barrier-free hearing location for physically disable persons;
10. A clear indication of any willingness to negotiate a settlement with the Department prior to the Department's transmittal of the hearing request to the Office of Administrative Law;

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

New Jersey Department of Environmental Protection  
Office of Legal Affairs  
Attention: Adjudicatory Hearing Requests  
401 East State Street, P.O. Box 402  
Trenton, New Jersey 08625-0402

Mail Code: 401-02  
New Jersey Department of Environmental Protection  
Air Quality Program  
P.O. Box 420  
Trenton, New Jersey 08625-0420  
Phone: (609) 633-2829

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**Signature**

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**Date**

**AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT**

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**Facility ID No.: 50318**

**Permit Activity No.: PCP200002**

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# AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

## Section A

**Facility Name: HARLEIGH CEMETERY ASSOC**

**Facility ID No.: 50318**

**Permit Activity No.: PCP200002**

### AUTHORIZED SOURCE OPERATIONS

This Preconstruction Permit and the Certificate to Operate for the following equipment is issued pursuant to N.J.A.C. 7:27-8.

#### Description of Source Activity

**Source Operation Type:** Human Crematories

**Source Operation Description:** 3 Human Crematory Units

**Source Operation Details:** The sources authorized by this permit shall be operated within the parameters specified in the Equipment, Control Device, and/or Emission Unit/Batch Process Operating Scenario Details of this permit. Operation of the authorized sources within these parameters is required in addition to compliance with the conditions specified in Section D- Facility Specific Requirements.

# AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

## Section B

**Facility Name: HARLEIGH CEMETERY ASSOC**

**Facility ID No.: 50318**

**Permit Activity No.: PCP200002**

## ACRONYMS

CEMS	Continuous Emissions Monitor System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COMS	Continuous Opacity Monitor System
EPA	United States Environmental Protection Agency
EMS	Emission Measurement Section - NJDEP
HAP	Hazardous Air Pollutant
N.J.A.C.	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
NOx	Oxides of Nitrogen
PM-2.5	All particulate matter having an aerodynamic diameter less than or equal to a nominal 2.5 microns
PM-10	All particulate matter having an aerodynamic diameter less than or equal to a nominal 10 microns
PST	Performance Specification Test
REO	Regional Enforcement Office - NJDEP
SO <sub>2</sub>	Sulfur Dioxide
TSP	Total Suspended Particulate Matter
VOC	Volatile Organic Compounds

# AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

## Section C

**Facility Name: HARLEIGH CEMETERY ASSOC**

**Facility ID No.: 50318**

**Permit Activity No.: PCP200002**

### GENERAL PROVISIONS AND AUTHORITIES

#### Preconstruction Permits

1. Notwithstanding compliance with other provisions of N.J.A.C. 7:27-1 et seq., no person shall cause, suffer, allow or permit to be emitted into the outdoor atmosphere substances in quantities which shall result in air pollution as defined at N.J.A.C. 7:27-5.1. [N.J.A.C. 7:27-5.2(a)]
2. The permittee shall not construct, reconstruct, install, or modify a significant source or control apparatus serving the significant source without first obtaining a preconstruction permit under N.J.A.C. 7:27-8. [N.J.A.C. 7:27-8.3(a)]
3. The permittee shall not operate (nor cause to be operated) a significant source or control apparatus serving the significant source without a valid operating certificate. [N.J.A.C. 7:27-8.3(b)]

4. Permit Revisions:

The permittee shall not take any action which requires a permit revision, compliance plan change, seven-day-notice change, amendment, or change to a batch plant permit, under any applicable provision at N.J.A.C. 7:27-8.17 through 8.23, without complying with that applicable provision.

The following summarize N.J.A.C. 7:27-8.18 through 8.21:

- a. The permittee shall file a permit revision request and receive approval from the Department prior to increasing any maximum allowable emission limit, increasing actual emissions, to a rate or concentration greater than a maximum allowable emission, causing the emissions of a new air contaminant, use a new raw material, reconstructing equipment, change the ground level concentration of an air contaminant in an area where the public has access, replace the permitted source, or constructing or installing a new significant source. [N.J.A.C. 7:27-8.18]
- b. The permittee shall file a compliance plan change request and receive approval from the Department prior to decreasing the frequency of testing, monitoring, recordkeeping, or reporting, changing the monitoring method, changing a level, rate, or limit of an operational parameter included in the conditions, or reducing a source's potential to emit. [N.J.A.C. 7:27-8.19]
- c. At least seven days prior to proceeding with a physical or operational change that is outside the scope of activities allowed by this permit, but will not increase emissions over the allowable emissions and will not alter the stack characteristics, the permittee shall file a seven-day-notice change. The permittee

may proceed with the proposed changes seven days after such notice is filed with the Department. [N.J.A.C. 7:27-8.20]

- d. The permittee shall file an amendment within 120 days of making any change of the information which allows the Department to identify and contact the permittee, changing the name, number or designation of any equipment or stack covered by this permit, changing the parameters of a stack in such a way to reduce the ground level concentration of an air contaminant, or correction of a typographical error that will not result in an increase of actual or allowable emissions. [N.J.A.C. 7:27-8.21]

The permittee shall review the provisions of N.J.A.C. 7:27-8.18 through 7:27-8.21 to determine the appropriate type of request to file.

5. The permittee shall make the preconstruction permit or certificate, together with any amendments, seven-day-notices, or other documents related to the permit and certificate, readily available for Department inspection on the operating premises. [N.J.A.C. 7:27-8.3(d)]
6. The permittee shall not use or cause to be used the equipment or control apparatus unless all components connected or attached to, or serving, the equipment or control apparatus, are functioning properly and are in compliance with the preconstruction permit and certificate and all conditions and provisions thereto. [N.J.A.C. 7:27-8.3(e)]
7. A preconstruction permit is not transferable either from the location authorized in the preconstruction permit to another location, or from any one piece of control apparatus or equipment to another piece of control apparatus or equipment. [N.J.A.C. 7:27-8.3(f)]
8. Once a permit or certificate is issued, the permittee is fully responsible for compliance with N.J.A.C. 7:27-8 and with the permit and certificate, including adequate design, construction, and operation of the source, even if employees, contractors, or others work on or operate the permitted source. If the Department issues any other requirement with the force of law, such as an order, which applies to the source, the permittee is also responsible for compliance with that requirement. [N.J.A.C. 7:27-8.3(g)]
9. Preconstruction permits and certificates do not any way relieve the permittee from the obligation to obtain necessary permits from other government agencies and to comply with all other applicable Federal, State, and local rules and regulations. [N.J.A.C. 7:27-8.3(h)]
10. The permittee shall not suffer, allow, or permit any air contaminant detectable by the sense of smell, to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or would unreasonably interfere with the enjoyment of life or property. This shall not include an air contaminant which occurs only in areas over which the permittee has exclusive use or occupancy. In determining whether an odor unreasonably interferes with the enjoyment of life or property, the Department shall consider all of the relevant facts and circumstances, including, but not limited to, the character, severity, frequency, and duration of the odor, and the number of persons affected thereby. In considering these and other relevant facts and circumstances, no one factor shall be dispositive, but each shall be considered relevant in determining whether an odor interferes with the enjoyment of life or property, and, if so, whether such interference is unreasonable considering all of the circumstances. [N.J.A.C.7:27-8.3(j)]

11. The Department and its representatives have the right to enter and inspect any facility or property in accordance with N.J.A.C. 7:27-1.31. [N.J.A.C. 7:27-8.3(m)]
12. There shall be an affirmative defense to liability for penalties for a violation of a preconstruction permit or certificate occurring as a result of an equipment malfunction, an equipment start-up, an equipment shutdown, or during the performance of necessary maintenance. The affirmative defense shall be asserted and established as required pursuant to P.L. 1993. c.89 (adding N.J.S.A. 26:2C-19.1 through 2C-19.5) and any rules the Department promulgates thereunder, and shall meet all of the requirements thereof. There shall also be an affirmative defense to liabilities for penalties or other sanctions for noncompliance with any technology based emission limitation in this permit or certificate, if the noncompliance was due to an emergency as defined at N.J.A.C. 7:27-22.1, provided that the affirmative defense is asserted and established in compliance with 40 CFR 70.6(g) and meets all requirements thereof. [N.J.A.C. 7:27-8.3(n)]
13. The permittee shall not cause or use the equipment specified in a preconstruction permit in a manner that will result in the emission of any air contaminant not listed in the Facility Specific Requirements in this Preconstruction Permit at a rate equal to or higher than the applicable reporting threshold in Table A in N.J.A.C. 7:27-8 Appendix 1 or 7:27-17.9(a). [N.J.A.C. 7:27-8.4(k)1]
14. No air contaminant, or category of air contaminant, where accepted by the Department, shall be emitted other than those approved in the preconstruction permit. [N.J.A.C. 7:27-8.13(a)]
15. Any person to whom the Department has issued a preconstruction permit or certificate shall comply with all terms and conditions of any order related to the preconstruction permit or certificate. [N.J.A.C. 7:27-8.13(a)]
16. The permittee shall maintain all records required in the preconstruction permit for a period of five (5) calendar years from the calendar year within which the record was generated. [N.J.A.C. 7:27-8.13(a)]
17. The Department may change the conditions of approval of any approved certificate to operate at the time of renewal of a temporary operating certificate; at the time of approval or renewal of a five-year operating certificate; or at any time during the period a certificate is in effect, if the Department determines that such change is necessary to protect human health or welfare or the environment. [N.J.A.C. 7:27-8.13(b)]
18. Upon request of the Department, the permittee shall submit to the Department information relevant to the operation of equipment and control apparatus including all information specified at N.J.A.C. 7:27-8.13(c). [N.J.A.C. 7:27-8.13(c)]
19. If the conditions of a preconstruction permit or certificate to operate require the Department to incur any of the following charges, the permittee shall reimburse the Department for the full amount of these charges: (1) The charges billed by any phone company for the maintenance of a dedicated telephone line required by this permit or the certificate to operate for the electronic transmission of data; or (2) The charges billed by any laboratory for performing the analysis of audit samples collected pursuant to testing or monitoring required by this permit or the certificate to operate. [N.J.A.C. 7:27-8.13(g)]
20. Any exceedance of the operating requirements or emission concentrations specified in a preconstruction permit shall be reported within three (3) business days, by writing to the Regional Enforcement Office. [N.J.A.C. 7:27-8.13(h)]

21. The permittee shall, when requested by the Department, provide such testing facilities exclusive of instrumentation and sensing devices as may be necessary for the Department to determine the kind and amount of air contaminants emitted from the equipment or control apparatus. The testing facilities shall include the utilities, the structure to hold testing equipment and/or personnel, and any ports in stacks needed to carry out testing required by this permit. During testing by the Department, the equipment and control apparatus shall be operated under such conditions within their capacities as may be requested by the Department. The test facilities may be either permanent or temporary, at the discretion of the person responsible for their provision, and shall conform to all applicable laws, regulations, and rules concerning safe construction and safe practice. Testing facilities, which contain platforms and other means of personnel access, shall conform to OSHA standards. [N.J.A.C. 7:27-8.13(i)]
22. Upon request of the Department, the permittee shall submit to the Department any record relevant to any permit or certificate. Such records shall be submitted to the Department within thirty (30) days of the request by the Department or within a longer time period if approved in writing by the Department. [N.J.A.C. 7:27-8.15(a)]
23. The permittee shall submit any required report in a format and on a schedule approved by the Department. Such report shall be transmitted on paper, on computer disk, or electronically, at the discretion of the Department. [N.J.A.C. 7:27-8.15(b)]
24. Any report submitted to the Department, including but not limited to, a report submitted as an amendment of this permit or the certificate to operate pursuant to N.J.A.C. 7:27-8.3(c) shall include, as an integral part of the report, certifications complying with N.J.A.C. 7:27-1.39. [N.J.A.C. 7:27-8.15(c)]
25. Upon request of the Department, the permittee shall report on forms obtained from the Department the air contaminant actual emissions and information relevant thereto, of any air contaminant or category of air contaminant emitted by the equipment, control apparatus, or source operation. [N.J.A.C. 7:27-8.15(d)]
26. This listing of requirements reflects the state rules and regulations that apply to a majority of sources. If a specific requirement in a rule or regulation that applies to a permittee is not included in this section or in the Facility Specific Requirements it does not relieve the permittee from the obligation to comply with that regulation.
27. Process monitors must be operated at all times when the associated process equipment is operating except during outage time allowed by Department guidelines/procedures or as outlined in Technical Manual 1005. The Permittee must keep a service log as required.
28. Each permittee shall meet all requirements of the approved source emissions testing and monitoring protocol during the term of the operating permit. Whenever the facility makes a replacement, modification, change or repair of a certified CEMS or COMS that may significantly affect the ability of the system to accurately measure or record data, the facility must recertify the CEMS or COMS in accordance with Section V.B. and Appendix E of Technical Manual 1005. The facility is responsible for contacting the Emission Measurement Section to determine the need for recertification and/or to initiate the recertification process. The facility is responsible for any downtime associated with the replacement, modification, change or repair of the CEMS or COMS. [N.J.A.C. 7:27-8.13(d)]

29. The following Department offices may be referenced in a preconstruction permit. Please use the following addresses when submitting any correspondence to these offices:

Emission Measurement Section  
Mail Code: 09-01, P.O. Box 420  
Trenton, NJ 08625-0420

Central Regional Enforcement Office  
P. O. Box 407  
Trenton, NJ 08625-0407

Northern Regional Enforcement Office  
7 Ridgedale Avenue  
Cedar Knolls, NJ 07927

Southern Regional Enforcement Office  
2 Riverside Drive – Suite 201  
Camden, NJ 08102

30. In accordance with the Air Pollution Control Act at N.J.S.A. 26:2C-19(e), any operation of the equipment which may cause off-property effect, including odors, shall be immediately reported by calling the NJDEP Environmental Action Hotline at (877) 927-6337.
31. In accordance with N.J.A.C. 7:27-21, facilities are required to submit annual emission statements of their actual emissions if the Potential-to-emit for the entire facility exceeds the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional information about Emission Statement reports can be obtained by calling (609) 984-5483.

<b>AIR CONTAMINANT</b>	<b>Threshold in Tons per Year</b>
VOC (Volatile Organic Compounds)	10
NO <sub>x</sub> (Oxides of Nitrogen)	25
CO (Carbon Monoxide)	100
SO <sub>2</sub> (Sulfur Dioxide)	100
TSP (Total Suspended Particulates)	100
PM <sub>2.5</sub> (Particulate Matter ≤ 2.5 microns)	100
PM <sub>10</sub> (Particulate Matter ≤ 10 microns)	100
NH <sub>3</sub> (Ammonia)	100
Lead	5

32. In accordance with N.J.A.C. 7:27-22, facilities are required to submit a Title V Operating Permit application, within one year, if the potential-to-emit for the entire facility exceeds any of the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional Information about Operating Permits can be obtained by calling the Operating Permit Hotline at (609) 633-8248.

<b>AIR CONTAMINANT</b>	<b>Threshold in Tons per Year</b>
VOC (Volatile Organic Compounds)	25
NO <sub>x</sub> (Oxides of Nitrogen)	25
CO (Carbon Monoxide)	100
SO <sub>2</sub> (Sulfur Dioxide)	100
TSP (Total Suspended Particulates)	100
PM <sub>10</sub> (Particulate Matter ≤ 10 microns)	100
Lead	10
Any HAP (Hazardous Air Pollutant)	10
All HAPs Collectively	25
Any other Air Contaminant	100

33. In accordance with N.J.A.C. 7:27-8.13(e), facilities are subject to 4 billable compliance inspections over the life of the Operating Certificate. Facilities will be invoiced for a service fee per inspection pursuant to N.J.A.C. 7:27-8.6 after the periodic compliance inspection is conducted.

**AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT**

**Section D**

**Facility Name: HARLEIGH CEMETERY ASSOC**

**Facility ID No.: 50318**

**Permit Activity No.: PCP200002**

**PERMIT INFORMATION**

FACILITY SPECIFIC REQUIREMENTS INDEX

FACILITY SPECIFIC REQUIREMENTS

REASON FOR APPLICATION

FACILITY PROFILE (GENERAL)

EQUIPMENT INVENTORY

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EMISSION UNIT/BATCH PROCESS INVENTORY

ATTACHMENTS TO THE PERMIT

**AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT**

**Section D**

**Facility Name: HARLEIGH CEMETERY ASSOC**

**Facility ID No.: 50318**

**Permit Activity No.: PCP200002**

**FACILITY SPECIFIC REQUIREMENTS INDEX**

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PCP200002

New Jersey Department of Environmental Protection  
 Facility Specific Requirements

Emission Unit: U1 Two PPII units and One B&L N-20AA unit

Subject Item: E1 PPII (PCP970001)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No person shall use or cause to be used any equipment or control apparatus unless all components connected or attached to, or serving the equipment or control apparatus, are functioning properly and are in use in accordance with the preconstruction permit and certificate and all conditions and provisions thereto. [N.J.A.C. 7:27- 8.3(e)]	None.	None.	None.
2	The maximum processing rate for the incinerator shall not exceed 100 pounds per hour. [N.J.A.C. 7:27- 8.13(h)]	Monitored by visual determination per change of material the total initial weight (body and container) and the total cremation time (duration). [N.J.A.C. 7:27- 8.13(d)]	Recordkeeping by manual logging of parameter or storing data in a computer data system per change of material. For each cremation taking place, the Permittee shall record the following: the date, total initial weight (body and container), cremation start time and end time (in hours and minutes), the calculated processing rate and cremation operating temperature (no less than 1600 degrees F for the entire burn) at the exit of the secondary chamber. All records must be maintained on site and made available for inspection by the Department for a period of 5 years after the date of each record. NOTE: The calculated processing rate in pounds per hour is obtained by dividing the total initial weight (body and container) by the cremation time (duration of each cremation - start and end time). [N.J.A.C. 7:27- 8.13(d)]	None.
3	Total Hours of Operation <= 3,744 hr/yr. [N.J.A.C. 7:27- 8.13(h)]	Total Hours of Operation: Monitored by hour/time monitor continuously, based on one calendar year. [N.J.A.C. 7:27- 8.13(d)2]	Total Hours of Operation: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27- 8.13(d)3]	None.

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

<b>Ref.#</b>	<b>Applicable Requirement</b>	<b>Monitoring Requirement</b>	<b>Recordkeeping Requirement</b>	<b>Submittal/Action Requirement</b>
4	Operating Temperature at Exit of Secondary Chamber >= 1,600 degrees F. Body and container shall not be charged to the incinerator when the temperature at the exit of the secondary chamber falls below the specified limit. [N.J.A.C. 7:27- 8.13(d)2ii]	Operating Temperature at Exit of Secondary Chamber: Monitored by temperature instrument continuously, based on an instantaneous determination. [N.J.A.C. 7:27- 8.13(d)2]	Operating Temperature at Exit of Secondary Chamber: Recordkeeping by strip chart or data acquisition (DAS) system continuously. Within 6 months from the date of approval of this permit, the Permittee must stop operating the round chart recorder, and the Permittee must switch over and shall install and operate a strip chart recorder or DAS system. [N.J.A.C. 7:27- 8.13(d)3]	None.
5	Design for Residence Time in Secondary Chamber >= 1 seconds. [N.J.A.C. 7:27- 8.13(d)2]	Design for Residence Time in Secondary Chamber: Monitored by documentation of construction initial calculations only submitted with the application. [N.J.A.C. 7:27- 8.13(a)]	None.	None.
6	No person shall construct, install, use or cause to be used any new or existing incinerator unless such incinerator is of the multiple chamber type or a type approved by the Department as being equally effective for the purpose of air pollution control. [N.J.A.C. 7:27-11.2(a)]	None.	None.	None.
7	No person shall cause, suffer, allow, or permit the emission of particles of unburned waste or ash which are individually large enough to be visible while suspended in the atmosphere. [N.J.A.C. 7:27-11.3(c)]	None.	None.	None.
8	No person shall construct, install, use, or cause to be used any incinerator which will result in odors being detectable by sense of smell in any area of human use or occupancy. [N.J.A.C. 7:27-11.3(d)]	None.	None.	None.
9	Any person in possession of a certificate to operate an incinerator shall maintain said certificate readily available on the operating premises. Operating procedures and rated burning capacity of the incinerator shall be posted in a convenient place as near as practical to the point of operation. [N.J.A.C. 7:27-11.5(b)]	None.	None.	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

<b>Ref.#</b>	<b>Applicable Requirement</b>	<b>Monitoring Requirement</b>	<b>Recordkeeping Requirement</b>	<b>Submittal/Action Requirement</b>
10	Oxygen >= 7 % by volume. The total concentration of oxygen in the flue gas at the exit of the incinerator shall not be less than 7% by volume at any time. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
11	Opacity: The permittee shall use the equipment in a manner which will allow no visible emissions exclusive of condensed water vapor. [N.J.A.C. 7:27- 8.13(a)]	Opacity: Monitored by visual determination per change of material, based on an instantaneous determination. [N.J.A.C. 7:27- 8.13(d)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. Permittee shall record in either a permanent bound log book, or in readily accessible computer memory, that the stack was observed (date and time) and if operation of the equipment caused visible emissions exclusive of condensed water vapor. All records must be maintained on site for a minimum of 5 years. [N.J.A.C. 7:27- 8.13(d)]	Notify by phone: Upon occurrence of event (visible emissions) shall immediately report the incident to the Department by calling the Environmental Action Hotline at (877) 927-6337. When visible emissions are observed, refer to operator manual for corrective action. [N.J.A.C. 7:27- 8.13]

PCP200002

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

**Emission Unit:** U1 Two PPII units and One B&L N-20AA unit

**Subject Item:** E2 PPII (PCP970002)

<b>Ref.#</b>	<b>Applicable Requirement</b>	<b>Monitoring Requirement</b>	<b>Recordkeeping Requirement</b>	<b>Submittal/Action Requirement</b>
1	No person shall use or cause to be used any equipment or control apparatus unless all components connected or attached to, or serving the equipment or control apparatus, are functioning properly and are in use in accordance with the preconstruction permit and certificate and all conditions and provisions thereto. [N.J.A.C. 7:27- 8.3(e)]	None.	None.	None.
2	The maximum processing rate for the incinerator shall not exceed 100 pounds per hour. [N.J.A.C. 7:27- 8.13(h)]	Monitored by visual determination per change of material the total initial weight (body and container) and the total cremation time (duration). [N.J.A.C. 7:27- 8.13(d)]	Recordkeeping by manual logging of parameter or storing data in a computer data system per change of material. For each cremation taking place, the Permittee shall record the following: the date, total initial weight (body and container), cremation start time and end time (in hours and minutes), the calculated processing rate and cremation operating temperature (no less than 1600 degrees F for the entire burn) at the exit of the secondary chamber. All records must be maintained on site and made available for inspection by the Department for a period of 5 years after the date of each record. NOTE: The calculated processing rate in pounds per hour is obtained by dividing the total initial weight (body and container) by the cremation time (duration of each cremation - start and end time). [N.J.A.C. 7:27- 8.13(d)]	None.
3	Total Hours of Operation <= 3,744 hr/yr. [N.J.A.C. 7:27- 8.13(h)]	Total Hours of Operation: Monitored by hour/time monitor continuously, based on one calendar year. [N.J.A.C. 7:27- 8.13(d)2]	Total Hours of Operation: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27- 8.13(d)3]	None.

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
4	Operating Temperature at Exit of Secondary Chamber >= 1,600 degrees F. Body and container shall not be charged to the incinerator when the temperature at the exit of the secondary chamber falls below the specified limit. [N.J.A.C. 7:27- 8.13(d)2ii]	Operating Temperature at Exit of Secondary Chamber: Monitored by temperature instrument continuously, based on an instantaneous determination. [N.J.A.C. 7:27- 8.13(d)2]	Operating Temperature at Exit of Secondary Chamber: Recordkeeping by strip chart or data acquisition (DAS) system continuously. Within 6 months from the date of approval of this permit, the Permittee must stop operating the round chart recorder, and the Permittee must switch over and shall install and operate a strip chart recorder or DAS system. [N.J.A.C. 7:27- 8.13(d)3]	None.
5	Design for Residence Time in Secondary Chamber >= 1 seconds. [N.J.A.C. 7:27- 8.13(d)2]	Design for Residence Time in Secondary Chamber: Monitored by documentation of construction initial calculations only submitted with the application. [N.J.A.C. 7:27- 8.13(a)]	None.	None.
6	No person shall construct, install, use or cause to be used any new or existing incinerator unless such incinerator is of the multiple chamber type or a type approved by the Department as being equally effective for the purpose of air pollution control. [N.J.A.C. 7:27-11.2(a)]	None.	None.	None.
7	No person shall cause, suffer, allow, or permit the emission of particles of unburned waste or ash which are individually large enough to be visible while suspended in the atmosphere. [N.J.A.C. 7:27-11.3(c)]	None.	None.	None.
8	No person shall construct, install, use, or cause to be used any incinerator which will result in odors being detectable by sense of smell in any area of human use or occupancy. [N.J.A.C. 7:27-11.3(d)]	None.	None.	None.
9	Any person in possession of a certificate to operate an incinerator shall maintain said certificate readily available on the operating premises. Operating procedures and rated burning capacity of the incinerator shall be posted in a convenient place as near as practical to the point of operation. [N.J.A.C. 7:27-11.5(b)]	None.	None.	None.

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

<b>Ref.#</b>	<b>Applicable Requirement</b>	<b>Monitoring Requirement</b>	<b>Recordkeeping Requirement</b>	<b>Submittal/Action Requirement</b>
10	Oxygen >= 7 % by volume. The total concentration of oxygen in the flue gas at the exit of the incinerator shall not be less than 7% by volume at any time. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
11	Opacity: The permittee shall use the equipment in a manner which will allow no visible emissions exclusive of condensed water vapor. [N.J.A.C. 7:27- 8.13(a)]	Opacity: Monitored by visual determination per change of material, based on an instantaneous determination. [N.J.A.C. 7:27- 8.13(d)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. Permittee shall record in either a permanent bound log book, or in readily accessible computer memory, that the stack was observed (date and time) and if operation of the equipment caused visible emissions exclusive of condensed water vapor. All records must be maintained on site for a minimum of 5 years. [N.J.A.C. 7:27- 8.13(d)]	Notify by phone: Upon occurrence of event (visible emissions) shall immediately report the incident to the Department by calling the Environmental Action Hotline at (877) 927-6337. When visible emissions are observed, refer to operator manual for corrective action. [N.J.A.C. 7:27- 8.13]

PCP200002

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

**Emission Unit:** U1 Two PPII units and One B&L N-20AA unit

**Subject Item:** E3 B&L

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No person shall use or cause to be used any equipment or control apparatus unless all components connected or attached to, or serving the equipment or control apparatus, are functioning properly and are in use in accordance with the preconstruction permit and certificate and all conditions and provisions thereto. [N.J.A.C. 7:27- 8.3(e)]	None.	None.	None.
2	The maximum processing rate for the incinerator shall not exceed 150 pounds per hour. [N.J.A.C. 7:27- 8.13(h)]	Monitored by visual determination per change of material the total initial weight (body and container) and the total cremation time (duration). [N.J.A.C. 7:27- 8.13(d)]	Recordkeeping by manual logging of parameter or storing data in a computer data system per change of material. For each cremation taking place, the Permittee shall record the following: the date, total initial weight (body and container), cremation start time and end time (in hours and minutes), the calculated processing rate and cremation operating temperature (no less than 1600 degrees F for the entire burn) at the exit of the secondary chamber. All records must be maintained on site and made available for inspection by the Department for a period of 5 years after the date of each record. NOTE: The calculated processing rate in pounds per hour is obtained by dividing the total initial weight (body and container) by the cremation time (duration of each cremation - start and end time). [N.J.A.C. 7:27- 8.13(d)]	None.
3	Total Hours of Operation <= 3,744 hr/yr. [N.J.A.C. 7:27- 8.13(h)]	Total Hours of Operation: Monitored by hour/time monitor continuously, based on one calendar year. [N.J.A.C. 7:27- 8.13(d)2]	Total Hours of Operation: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27- 8.13(d)3]	None.

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

<b>Ref.#</b>	<b>Applicable Requirement</b>	<b>Monitoring Requirement</b>	<b>Recordkeeping Requirement</b>	<b>Submittal/Action Requirement</b>
4	Operating Temperature at Exit of Secondary Chamber $\geq$ 1,600 degrees F. Body and container shall not be charged to the incinerator when the temperature at the exit of the secondary chamber falls below the specified limit. [N.J.A.C. 7:27- 8.13(d)2ii]	Operating Temperature at Exit of Secondary Chamber: Monitored by temperature instrument continuously, based on an instantaneous determination. [N.J.A.C. 7:27- 8.13(d)2]	Operating Temperature at Exit of Secondary Chamber: Recordkeeping by strip chart or data acquisition (DAS) system continuously. Within 6 months from the date of approval of this permit, the Permittee must stop operating the round chart recorder, and the Permittee must switch over and shall install and operate a strip chart recorder or DAS system. [N.J.A.C. 7:27- 8.13(d)3]	None.
5	Design for Residence Time in Secondary Chamber $\geq$ 1 seconds. [N.J.A.C. 7:27- 8.13(d)2]	Design for Residence Time in Secondary Chamber: Monitored by documentation of construction initial calculations only submitted with the application. [N.J.A.C. 7:27- 8.13(a)]	None.	None.
6	No person shall construct, install, use or cause to be used any new or existing incinerator unless such incinerator is of the multiple chamber type or a type approved by the Department as being equally effective for the purpose of air pollution control. [N.J.A.C. 7:27-11.2(a)]	None.	None.	None.
7	No person shall cause, suffer, allow, or permit the emission of particles of unburned waste or ash which are individually large enough to be visible while suspended in the atmosphere. [N.J.A.C. 7:27-11.3(c)]	None.	None.	None.
8	No person shall construct, install, use, or cause to be used any incinerator which will result in odors being detectable by sense of smell in any area of human use or occupancy. [N.J.A.C. 7:27-11.3(d)]	None.	None.	None.
9	Any person in possession of a certificate to operate an incinerator shall maintain said certificate readily available on the operating premises. Operating procedures and rated burning capacity of the incinerator shall be posted in a convenient place as near as practical to the point of operation. [N.J.A.C. 7:27-11.5(b)]	None.	None.	None.

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
10	Oxygen >= 7 % by volume. The total concentration of oxygen in the flue gas at the exit of the incinerator shall not be less than 7% by volume at any time. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
11	Opacity: The permittee shall use the equipment in a manner which will allow no visible emissions exclusive of condensed water vapor. [N.J.A.C. 7:27- 8.13(a)]	Opacity: Monitored by visual determination per change of material, based on an instantaneous determination. [N.J.A.C. 7:27- 8.13(d)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. Permittee shall record in either a permanent bound log book, or in readily accessible computer memory, that the stack was observed (date and time) and if operation of the equipment caused visible emissions exclusive of condensed water vapor. All records must be maintained on site for a minimum of 5 years. [N.J.A.C. 7:27- 8.13(d)]	Notify by phone: Upon occurrence of event (visible emissions) shall immediately report the incident to the Department by calling the Environmental Action Hotline at (877) 927-6337. When visible emissions are observed, refer to operator manual for corrective action. [N.J.A.C. 7:27- 8.13]

PCP200002

New Jersey Department of Environmental Protection  
 Facility Specific Requirements

Emission Unit: U1 Two PPII units and One B&L N-20AA unit

Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	NOx (Total) <= 1.17 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	SO2 <= 0.71 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
3	TSP <= 1.53 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
4	PM-10 (Total) <= 1.53 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
5	PM-2.5 (Total) <= 1.53 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
6	CO <= 0.97 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
7	VOC (Total): Emissions are stated to be below (deminimis) the reporting thresholds of 7:27-8 [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

PCP200002

New Jersey Department of Environmental Protection  
 Facility Specific Requirements

Emission Unit: U1 Two PPII units and One B&L N-20AA unit

Operating Scenario: OS1 PPII (PCP970001)  
 CREMATOR BURNING GAS

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	SO2 <= 0.11 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	NOx (Total) <= 0.18 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
3	VOC (Total): Emissions are stated to be below (deminimis) the reporting thresholds of 7:27-8 [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
4	CO <= 0.15 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
5	TSP <= 0.23 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
6	PM-10 (Total) <= 0.23 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
7	PM-2.5 (Total) <= 0.23 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

PCP200002

New Jersey Department of Environmental Protection  
 Facility Specific Requirements

Emission Unit: U1 Two PPII units and One B&L N-20AA unit

Operating Scenario: OS2 PPII (PCP970002)  
 CREMATOR BURNING GAS

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	SO2 <= 0.11 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	NOx (Total) <= 0.18 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
3	VOC (Total): Emissions are stated to be below (deminimis) the reporting thresholds of 7:27-8 [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
4	CO <= 0.15 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
5	TSP <= 0.23 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
6	PM-10 (Total) <= 0.23 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
7	PM-2.5 (Total) <= 0.23 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

PCP200002

New Jersey Department of Environmental Protection  
 Facility Specific Requirements

Emission Unit: U1 Two PPII units and One B&L N-20AA unit

Operating Scenario: OS3 B&L N-20AA  
 CREMATOR BURNING GAS

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	SO2 <= 0.16 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	NOx (Total) <= 0.27 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
3	VOC (Total): Emissions are stated to be below (deminimis) the reporting thresholds of 7:27-8 [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
4	CO <= 0.22 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
5	TSP <= 0.35 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
6	PM-10 (Total) <= 0.35 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
7	PM-2.5 (Total) <= 0.35 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

**HARLEIGH CEMETERY ASSOC (50318)  
PCP200002**

Date: 8/4/2020

**New Jersey Department of Environmental Protection  
Reason for Application**

**Permit Being Modified**

**Permit Class:**                      **Number:** 0

**Description**                      1.Consolidate existing PCP 970001 (E1 - PPII), PCP 970002 (E2 - PPII), and E3 - B&L  
**of Modifications:** cremation units under one single permit

**HARLEIGH CEMETERY ASSOC (50318)**  
**PCP200002**

Date: 8/4/2020

**New Jersey Department of Environmental Protection**  
**Facility Profile (General)**

**Facility Name (AIMS):** Harleigh Cemetery Assoc

**Facility ID (AIMS):** 50318

**Street** 1640 HADDON AVE  
**Address:** CAMDEN, NJ 08103

**Mailing** PO BOX 8295  
**Address:** RED BANK, NJ 07701

**County:** Camden  
**Location** Human Crematory  
**Description:**

<b>State Plane Coordinates:</b> <b>X-Coordinate:</b> <b>Y-Coordinate:</b> <b>Units:</b>  <b>Datum:</b> <b>Source Org.:</b> <b>Source Type:</b>
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<b>Industry:</b> <b>Primary SIC:</b> <b>Secondary SIC:</b> <b>NAICS:</b> 812220
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**New Jersey Department of Environmental Protection**  
**Facility Profile (General)**

**Contact Type: Air Permit Information Contact**

**Organization:** **Org. Type:** Nonprofit  
**Name:** Louis Cicalese **NJ EIN:**  
**Title:** President  
**Phone:** (732) 530-4045 x **Mailing Address:** PO BOX 8295  
**Fax:** ( ) - x RED BANK, NJ 07701  
**Other:** ( ) - x  
**Type:**  
**Email:** jessica@cemdevco.com

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**Contact Type: Fees/Billing Contact**

**Organization:** **Org. Type:** Nonprofit  
**Name:** Louis Cicalese **NJ EIN:**  
**Title:** President  
**Phone:** (732) 530-4045 x **Mailing Address:** PO BOX 8295  
**Fax:** ( ) - x RED BANK, NJ 07701  
**Other:** ( ) - x  
**Type:**  
**Email:** jessica@cemdevco.com

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**Contact Type: Owner (Current Primary)**

**Organization:** **Org. Type:** Nonprofit  
**Name:** Louis Cicalese **NJ EIN:**  
**Title:** President  
**Phone:** (732) 530-4045 x **Mailing Address:** PO BOX 8295  
**Fax:** ( ) - x RED BANK, NJ 07701  
**Other:** ( ) - x  
**Type:**  
**Email:** jessica@cemdevco.com

**HARLEIGH CEMETERY ASSOC (50318)**  
**PCP200002**

Date: 8/4/2020

**New Jersey Department of Environmental Protection**  
**Facility Profile (General)**

**Contact Type: Responsible Official**

**Organization:**

**Org. Type:** Nonprofit

**Name:** Louis Cicalese

**NJ EIN:**

**Title:** President

**Phone:** (732) 530-4045 x

**Mailing** PO BOX 8295

**Fax:** ( ) - x

**Address:** RED BANK, NJ 07701

**Other:** ( ) - x

**Type:**

**Email:** jessica@cemdevco.com

**New Jersey Department of Environmental Protection  
Equipment Inventory**

<b>Equip. NJID</b>	<b>Facility's Designation</b>	<b>Equipment Description</b>	<b>Equipment Type</b>	<b>Certificate Number</b>	<b>Install Date</b>	<b>Grand-Fathered</b>	<b>Last Mod. (Since 1968)</b>	<b>Equip. Set ID</b>
E1	UNIT 1	PPII (PCP970001)	Incinerator			No		
E2	UNIT 2	PPII (PCP970002)	Incinerator			No		
E3	UNIT 3	B&L	Incinerator			No		

50318 HARLEIGH CEMETERY ASSOC PCP200002 E1 (Incinerator)  
Print Date: 8/4/2020

Make:	MATTHEWS INTERNATIONAL
Manufacturer:	MATTHEWS ENVIRONMENTAL SOLUTIONS
Model:	PPII (POWER PAK II)
Unit Type:	Other
Description:	Multiple Chamber Human Cremation Machine
Maximum Waste Processing Capacity:	100
Units:	lb/hr
Physical State of Waste being Incinerated:	Other
Description:	Solid and semi solid
Primary Chamber Maximum Gross Heat Input from Fuel (MMbtu/hr, HHV):	0.7
Primary Chamber Maximum Primary Air (acfm):	
Primary Chamber Maximum Gas Flow Rate (acfm):	
Primary Chamber Volume (ft³):	69
Primary Chamber Minimum Design Operation Temperature (°F):	
Primary Chamber Minimum Gas Residence Time (sec):	
Secondary Chamber Maximum Gross Heat Input from Fuel (MMBtu/hr, HHV):	1.2
Secondary Chamber Maximum Primary Air (acfm):	
Secondary Chamber Maximum Gas Flow Rate (acfm):	
Secondary Chamber Volume (ft³):	71
Secondary Chamber Minimum Design Operation Temperature (°F):	1600
Secondary Chamber Minimum Gas Residence Time (sec):	1
Secondary Chamber Maximum Outlet Air Flow Rate (acfm):	
Secondary Chamber Minimum Outlet Temperature (°F):	900
Type of Plume Supression:	NONE
Do you have a bypass Stack?	<input type="radio"/> Yes <input checked="" type="radio"/> No

50318 HARLEIGH CEMETERY ASSOC PCP200002 E1 (Incinerator)  
Print Date: 8/4/2020

Have you attached a diagram showing the location and/or the configuration of this equipment?

Yes  
 No

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?

Yes  
 No

Comments:

50318 HARLEIGH CEMETERY ASSOC PCP200002 E2 (Incinerator)  
Print Date: 8/4/2020

Make:	MATTHEWS INTERNATIONAL
Manufacturer:	MATTHEWS ENVIRONMENTAL SOLUTIONS
Model:	PPII (POWER PAK II)
Unit Type:	Crematorium
Description:	
Maximum Waste Processing Capacity:	100
Units:	lb/hr
Physical State of Waste being Incinerated:	Other
Description:	Solid and semi solid
Primary Chamber Maximum Gross Heat Input from Fuel (MMbtu/hr, HHV):	0.7
Primary Chamber Maximum Primary Air (acfm):	
Primary Chamber Maximum Gas Flow Rate (acfm):	
Primary Chamber Volume (ft³):	69
Primary Chamber Minimum Design Operation Temperature (°F):	
Primary Chamber Minimum Gas Residence Time (sec):	
Secondary Chamber Maximum Gross Heat Input from Fuel (MMBtu/hr, HHV):	1.2
Secondary Chamber Maximum Primary Air (acfm):	
Secondary Chamber Maximum Gas Flow Rate (acfm):	
Secondary Chamber Volume (ft³):	71
Secondary Chamber Minimum Design Operation Temperature (°F):	1600
Secondary Chamber Minimum Gas Residence Time (sec):	1
Secondary Chamber Maximum Outlet Air Flow Rate (acfm):	
Secondary Chamber Minimum Outlet Temperature (°F):	900
Type of Plume Supression:	NONE
Do you have a bypass Stack?	<input type="radio"/> Yes <input checked="" type="radio"/> No

50318 HARLEIGH CEMETERY ASSOC PCP200002 E2 (Incinerator)  
Print Date: 8/4/2020

Have you attached a diagram showing the location and/or the configuration of this equipment?

 Yes  
 No

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?

 Yes  
 No

Comments:

50318 HARLEIGH CEMETERY ASSOC PCP200002 E3 (Incinerator)  
Print Date: 8/4/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text" value="B&amp;L Cremation Systems"/>
Model:	<input type="text" value="N-20AA"/>
Unit Type:	<input type="text" value="Crematorium"/>
Description:	<input type="text"/>
Maximum Waste Processing Capacity:	<input type="text" value="150"/>
Units:	<input type="text" value="lb/hr"/>
Physical State of Waste being Incinerated:	<input type="text" value="Solid"/>
Description:	<input type="text"/>
Primary Chamber Maximum Gross Heat Input from Fuel (MMBtu/hr, HHV):	<input type="text" value="0.5"/>
Primary Chamber Maximum Primary Air (acfm):	<input type="text"/>
Primary Chamber Maximum Gas Flow Rate (acfm):	<input type="text"/>
Primary Chamber Volume (ft³):	<input type="text" value="68"/>
Primary Chamber Minimum Design Operation Temperature (°F):	<input type="text"/>
Primary Chamber Minimum Gas Residence Time (sec):	<input type="text"/>
Secondary Chamber Maximum Gross Heat Input from Fuel (MMBtu/hr, HHV):	<input type="text" value="1"/>
Secondary Chamber Maximum Primary Air (acfm):	<input type="text"/>
Secondary Chamber Maximum Gas Flow Rate (acfm):	<input type="text"/>
Secondary Chamber Volume (ft³):	<input type="text" value="86"/>
Secondary Chamber Minimum Design Operation Temperature (°F):	<input type="text" value="1600"/>
Secondary Chamber Minimum Gas Residence Time (sec):	<input type="text" value="1"/>
Secondary Chamber Maximum Outlet Air Flow Rate (acfm):	<input type="text"/>
Secondary Chamber Minimum Outlet Temperature (°F):	<input type="text" value="1100"/>
Type of Plume Supression:	<input type="text"/>
Do you have a bypass Stack?	<input type="radio"/> Yes <input checked="" type="radio"/> No

50318 HARLEIGH CEMETERY ASSOC PCP200002 E3 (Incinerator)  
Print Date: 8/4/2020

Have you attached a diagram showing the location and/or the configuration of this equipment?

 Yes  
 No

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?

 Yes  
 No

Comments:

**HARLEIGH CEMETERY ASSOC (50318)**  
**PCP200002**

Date: 8/4/2020

**New Jersey Department of Environmental Protection**  
**Emission Points Inventory**

PT NJID	Facility's Designation	Description	Config.	Equiv. Diam. (in.)	Height (ft.)	Dist. to Prop. Line (ft)	Exhaust Temp. (deg. F)			Exhaust Vol. (acfm)			Discharge Direction	PT Set ID
							Avg.	Min.	Max.	Avg.	Min.	Max.		
PT1	UNIT 1	SINGLE STACK	Round	20	18		1,100.0	900.0	1,500.0	2,200.0	1,800.0	2,500.0	Up	
PT2	UNIT 2	SINGLE STACK	Round	20	18		1,100.0	900.0	1,500.0	2,200.0	1,800.0	2,500.0	Up	
PT3	UNIT 3	SINGLE STACK	Round	18	18		1,100.0	900.0	1,500.0	2,200.0	1,800.0	2,500.0	Up	

**HARLEIGH CEMETERY ASSOC (50318)**  
**PCP200002**

Date: 8/4/2020

**New Jersey Department of Environmental Protection**  
**Emission Unit/Batch Process Inventory**

**U 1 UNITS 1,2,3 Two PPII units and One B&L N-20AA unit**

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS1	UNIT 1	PPII (PCP970001) CREMATOR BURNING GAS	Normal - Steady State	E1		PT1		1,000.0	3,744.0		1,800.0	2,500.0	900.0	1,500.0
OS2	UNIT 2	PPII (PCP970002) CREMATOR BURNING GAS	Normal - Steady State	E2		PT2		1,000.0	3,744.0		1,800.0	2,500.0	900.0	1,500.0
OS3	UNIT 3	B&L N-20AA CREMATOR BURNING GAS	Normal - Steady State	E3		PT3		1,000.0	3,744.0		1,800.0	2,500.0	900.0	1,500.0

50318 HARLEIGH CEMETERY ASSOC PCP200002 U1 OS1 (Primary Fuel Information Table)  
Print Date: 8/4/2020

Is this fuel a blend?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Fuel Category:	Commercial
Fuel Type:	Natural gas
Description (if other):	
Amount of Sulfur in Fuel (%):	
Amount of Ash in Fuel (%):	
Fuel Heating Value:	1000
Units:	BTU/scf
Estimated Maximum Amount of Fuel Burned Annually:	
Units:	
Estimated Actual Amount of Fuel Burned Annually:	
Units:	
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Minimum Operating Temperature (°F):	1600
Gross Heat Input from the Waste Burned (MMBTU/hr):	

50318 HARLEIGH CEMETERY ASSOC PCP200002 U1 OS2 (Primary Fuel Information Table)  
Print Date: 8/4/2020

Is this fuel a blend?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Fuel Category:	Commercial
Fuel Type:	Natural gas
Description (if other):	
Amount of Sulfur in Fuel (%):	
Amount of Ash in Fuel (%):	
Fuel Heating Value:	1000
Units:	BTU/scf
Estimated Maximum Amount of Fuel Burned Annually:	
Units:	
Estimated Actual Amount of Fuel Burned Annually:	
Units:	
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Minimum Operating Temperature (°F):	1600
Gross Heat Input from the Waste Burned (MMBTU/hr):	

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Is this fuel a blend?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Fuel Category:	Commercial
Fuel Type:	Natural gas
Description (if other):	
Amount of Sulfur in Fuel (%):	
Amount of Ash in Fuel (%):	
Fuel Heating Value:	1000
Units:	BTU/scf
Estimated Maximum Amount of Fuel Burned Annually:	
Units:	
Estimated Actual Amount of Fuel Burned Annually:	
Units:	
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Minimum Operating Temperature (°F):	1600
Gross Heat Input from the Waste Burned (MMBTU/hr):	