



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6306-00067/00003
Effective Date: 06/12/2015 Expiration Date: 06/11/2020

Permit Issued To: ST JOHN'S UNIVERSITY
8000 UTOPIA PKWY
JAMAICA, NY 11439

Contact: COLLEEN GREANEY
ST JOHN'S UNIVERSITY
8000 UTOPIA PARKWAY
JAMAICA, NY 11439
(718) 990-1348

Facility: ST JOHNS UNIVERSITY
81-50 UTOPIA PKWY
JAMAICA, NY 11432

Contact: COLLEEN GREANEY
ST JOHN'S UNIVERSITY
8000 UTOPIA PARKWAY
JAMAICA, NY 11439
(718) 990-1348

Description:

St. John's University, located at 8000 Utopia Parkway in Jamaica, New York, is a renowned international university which provides a full range of higher education opportunities to more than 18,300 students. The Standard Industrial Classification (SIC) Code for this facility is 8221-Colleges, Universities, & Professional Schools.

St. John's University operates boilers on campus which supply steam and space heating for the buildings and dormitories under emission unit U-00006, gasoline dispensing station under emission unit U-00004 and emergency generators under emission unit U-00005.

The steam is produced by stationary combustion installations/boilers, with maximum rated heat input capacities ranging from 9.87 - 23.5 mmBtu/hr. The boilers are all capable of firing either distillate oil or natural gas.

Emission unit U-00004, the gasoline dispensing station, consists of gasoline dispensing station site containing two (2) underground petroleum storage tanks (UST) with capacities of 2500 gallons and 4000 gallons. The 2500 gallon UST contains diesel fuel and the 4000 gallon UST contains gasoline. The annual throughput of gasoline at the dispensing site is less than 120,000 gallons, with an average monthly throughput of 4000 gallons.

Emission unit U-00005 presently consists of two emergency power generating units.



The facility operates other sources throughout the campus which are considered exempt from permitting in accordance with 6NYCRR201-3.2(c), including three space heaters with heat input of 0.22 mmbtu/hr each, 14 diesel fired emergency generators, 3 fuel oil storage tanks less than 300,000 bbls, 12 storage tanks with capacities less than 10,000 gallons and six natural gas-fired HVAC units and 150 laboratory ventilation hoods.

The facility-wide emissions for sulfur dioxide (SO₂) and nitrous oxide (NO_x) at St. John's University exceed the major source pollutant thresholds listed in 6NYCRR Subpart 201-6 Title V Facility Permits and the major source threshold specified in 6NYCRR 227-2, Reasonably Available Control Technology (RACT) for Oxides of Nitrogen. To comply with the requirements of 6NYCRR227-2, St. John's University must perform annual tune-ups to the boilers contained in emission unit U-00006 and comply with the specified reporting and recordkeeping requirements. St. John's University is also subject to the SIP version of 6NYCRR225, Fuel Composition and Use - Sulfur Limitations, which restricts the sulfur content of distillate fuel oil utilized at all sources throughout the facility to 0.2 % by weight or less. All boilers on-site which are 10 mmBtu/hr or greater are subject to the requirements of 40CFR60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. The facility must also comply with the smoke emission and corrective action requirements of 6NYCRR227-1, Stationary Combustion Installations. The gasoline dispensing station is subject to the recordkeeping requirements of 6NYCRR230.5. The registration requirements of 6NYCRR 230.7 apply but are satisfied in accordance with 6NYCRR201-4.3.

During August 1996 to October 1997, St. John's University converted boilers at the facility from No. 6 fuel oil fired to natural gas/No.2 fuel oil fired and reduced actual NO_x emissions by 28.5 tons. Emission reduction credits (ERCs) for this decrease in NO_x emissions were established and certified under Air State Facility permit 2-6306-00067/00005. Some of these ERCs were used for netting under Air State Facility permit 2-6306-00067/00006 when the facility replaced its two 7.7 mmbtu/hr boilers with two 29.5 mmbtu/hr heat input boilers. These two boilers, emission sources B0012 and B0013 are now derated by fuel restriction from 29.5 mmbtu/hr to 23.5 mmbtu/hr heat input. This derating makes these boilers small boilers instead of mid size boilers. The Subpart 227-2 NO_x RACT requirement for the small boilers is to conduct an annual tune up.

On September 2008, under State Facility permit 2-6306-0007/00007, the superior boiler emission source B0003 was replaced by a Burnham boiler as emission source 000B3. Both boilers have the same maximum heat input of 12.6 mmbtu/hr and both burn #2 fuel oil and natural gas.

The Title V permit contains a complete listing of the applicable federal, state and compliance monitoring requirements for the facility, its emission units and emission points.

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: JOHN F CRYAN

DEC Permit Conditions
Renewal 3/FINAL



NYSDEC - REGION 2
47-40 21ST ST
LONG ISLAND CITY, NY 11101-5407

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 2 HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.

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.

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal - REGION 2 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 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

New York State Department of Environmental Conservation

Permit ID: 2-6306-00067/00003

Facility DEC ID: 2630600067



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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8000 UTOPIA PKWY
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Facility: ST JOHNS UNIVERSITY
81-50 UTOPIA PKWY
JAMAICA, NY 11432

Authorized Activity By Standard Industrial Classification Code:
8221 - COLLEGES AND UNIVERSITIES, NEC

Permit Effective Date: 06/12/2015

Permit Expiration Date: 06/11/2020



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
 - 2 6 NYCRR 201-6.4 (a) (7): Fees
 - 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
 - 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
 - 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
 - 6 6 NYCRR 201-6.4 (e): Compliance Certification
 - 7 6 NYCRR 202-2.1: Compliance Certification
 - 8 6 NYCRR 202-2.5: Recordkeeping requirements
 - 9 6 NYCRR 215.2: Open Fires - Prohibitions
 - 10 6 NYCRR 200.7: Maintenance of Equipment
 - 11 6 NYCRR 201-1.7: Recycling and Salvage
 - 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
 - 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
 - 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
 - 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
 - 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
 - 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
 - 18 6 NYCRR 202-1.1: Required Emissions Tests
 - 19 40 CFR Part 68: Accidental release provisions.
 - 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
 - 21 6 NYCRR Subpart 201-6: Emission Unit Definition
 - 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
 - 23 6 NYCRR 211.1: Air pollution prohibited
 - 24 6 NYCRR 225.1 (a) (3): Compliance Certification
 - 25 6 NYCRR 225.7 (a): Compliance Certification
 - 26 6 NYCRR 227-1.3 (a): Compliance Certification
 - 27 6 NYCRR 227-2.4 (d): Compliance Certification
 - 28 6 NYCRR 227.2 (b) (1): Compliance Certification
- #### Emission Unit Level
- 29 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
 - 30 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-00004

- 31 6 NYCRR 230.5 (a): Compliance Certification

EU=U-00005

- 32 6 NYCRR 231-2.7 (a): Compliance Certification

EU=U-00006

- 33 6 NYCRR 231-2.7 (b): Compliance Certification

EU=U-00006,Proc=DI1,ES=000B3

- 34 40CFR 60, NSPS Subpart Dc: Compliance Certification



EU=U-00006,Proc=DI1,ES=B0001
35 40CFR 60, NSPS Subpart Dc: Compliance Certification

EU=U-00006,Proc=DI1,ES=B0002
36 40CFR 60, NSPS Subpart Dc: Compliance Certification

EU=U-00006,Proc=DI1,ES=B0004
37 40CFR 60, NSPS Subpart Dc: Compliance Certification

EU=U-00006,Proc=DI1,ES=B0005
38 40CFR 60, NSPS Subpart Dc: Compliance Certification

EU=U-00006,Proc=DI1,ES=B0006
39 40CFR 60, NSPS Subpart Dc: Compliance Certification

EU=U-00006,Proc=DI1,ES=B0012
40 6 NYCRR Subpart 227-2: Compliance Certification
41 40CFR 60, NSPS Subpart Dc: Compliance Certification

EU=U-00006,Proc=DI1,ES=B0013
42 6 NYCRR Subpart 227-2: Compliance Certification
43 40CFR 60, NSPS Subpart Dc: Compliance Certification

EU=U-00006,Proc=NG1,ES=B0012
44 6 NYCRR Subpart 227-2: Compliance Certification

EU=U-00006,Proc=NG1,ES=B0013
45 6 NYCRR Subpart 227-2: Compliance Certification

EU=U-00006,EP=PT001,Proc=DI1
46 6 NYCRR 227-1.3: Compliance Certification

EU=U-00006,EP=PT002,Proc=DI1
47 6 NYCRR 227-1.3: Compliance Certification

EU=U-00006,EP=PT003,Proc=DI1
48 6 NYCRR 227-1.3: Compliance Certification

EU=U-00006,EP=PT004,Proc=DI1
49 6 NYCRR 227-1.3: Compliance Certification

EU=U-00006,EP=PT005,Proc=DI1
50 6 NYCRR 227-1.3: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

51 ECL 19-0301: Contaminant List
52 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner 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 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 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 B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.



Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)

Owners and/or operators of facilities having an issued Title V 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.

Item D: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR 201-6.4 (a) (6)

This permit does not convey any property rights of any sort or any exclusive privilege.



Item I: Severability - 6 NYCRR 201-6.4 (a) (9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR 201-6.4 (g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR 201-6.4 (i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is



three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (c)



Item 3.1:

The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 06/12/2015 and 06/11/2020**

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (2)

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

**Condition 5: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020**

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:



Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill



Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.

- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

- iii. Compliance certifications shall be submitted

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Facility DEC ID: 2630600067



The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.



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.

Condition 11: Recycling and Salvage
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 13.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 14.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 06/12/2015 and 06/11/2020



Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: Right to Inspect
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Off Permit Changes
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)

Item 17.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or



Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 21: Emission Unit Definition
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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

Emission Unit: U-00004

Emission Unit Description:

Emission Unit U-00004 consists of a gasoline dispensing station site containing two (2) underground petroleum storage tanks (UST) with capacities of 2500 gallons and 4000 gallons. The 2500 gallon UST contains diesel fuel and the 4000 gallon UST contains gasoline. The USTs are horizontal petroleum storage tanks and have exempt status in accordance with 6 NYCRR 201-3.2(c) (26). The gasoline tank is equipped with stage 1 and stage 11 vapor recovery in accordance with part 230.2(d)(1).

Item 21.2:

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

Emission Unit: U-00005

Emission Unit Description:

Emission unit U-00005 consists of two (2) emergency power generating units. Each unit utilizes diesel fuel and exhaust gases vent directly to the atmosphere at the generating unit. The 150 Kw generator (EG001) is located at the baseball field and the 750 Kw generator (EG002) is located at Montgoris Dining Hall.

Building(s): BLFLD
MTGRS

Item 21.3:

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

Emission Unit: U-00006

Emission Unit Description:

Emission unit U00006 consists of 2 identical FST-250 boilers (B0001 and B0002), each with a rated capacity of



10.5 mmbtu/hr; 1 Burnham boiler model 4SL-350-FE (000B3) with a rated capacity of 12.6 mmbtu/hr; 2 identical PLW-463 boilers (B0004 AND B0005), each with a rated capacity OF 20.66 MMBTU/HR; 2 identical PLW-661 boilers (B0012 and B0013), each with a rated capacity of 23.5 mmbtu/hr; 1 Federal Eastmond boiler (B0006), with a rated capacity of 18.9 mmbtu/hr; 3 Titusville boilers (B0009, B0010, and B0011), each with a capacity of 9.87 mmbtu/hr. each boiler is capable of firing natural gas (primary fuel) and no. 2 oil (as back up). B0001, B0002, and 000B3 are located in the sub-basement of St. John's Hall (BLDG. 1) B0001 and B0002 share a common stack (PT004), and 000B3 has its own stack (PT001). B0004, B0005, B0012, and B0013 are located in the sub-basement of St. Albert's Hall (BLDG2). B0004, B0012, and B0013 share a common stack (PT002) and B0005 has its own stack (PT005). B0006, B0009, B0010, and B0011 are located in the sub-basement of Carnesseca Arena (BLDG3) and share a common stack (PT003).

Building(s): BLDG1
BLDG2
BLDG3

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)

Item 22.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 23: Air pollution prohibited
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 211.1

Item 23.1:

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.

Condition 24: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020
Applicable Federal Requirement:6 NYCRR 225.1 (a) (3)

Item 24.1:
The Compliance Certification activity will be performed for the Facility.

Item 24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil which has sulfur content greater than 0.20 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.20 percent by weight
Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020
Applicable Federal Requirement:6 NYCRR 225.7 (a)

Item 25.1:
The Compliance Certification activity will be performed for the Facility.

Item 25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum, supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine



the sulfur content. Such certifications shall be available for inspection by, or submitted to, the NYSDEC as per the stated reporting requirement.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement: 6 NYCRR 227-1.3 (a)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective

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actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 227-2.4 (d)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 227.2 (b) (1)

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,
- 2) perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition, and
- 3) all records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

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

**Condition 29: Emission Point Definition By Emission Unit
Effective between the dates of 06/12/2015 and 06/11/2020**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 29.1:

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

Emission Unit: U-00006

Emission Point: PT001

Height (ft.): 98

Length (in.): 25

Width (in.): 25

NYTMN (km.): 4508.5

NYTME (km.): 601.8

Building: BLDG1

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Emission Point: PT002			
Height (ft.): 92	Length (in.): 96	Width (in.): 30	
NYTMN (km.): 4508.5	NYTME (km.): 601.8	Building: BLDG2	
Emission Point: PT003			
Height (ft.): 55	Diameter (in.): 20		
NYTMN (km.): 4508.5	NYTME (km.): 601.8	Building: BLDG3	
Emission Point: PT004			
Height (ft.): 98	Diameter (in.): 30		
NYTMN (km.): 4508.5	NYTME (km.): 601.8	Building: BLDG1	
Emission Point: PT005			
Height (ft.): 99	Diameter (in.): 30		
NYTMN (km.): 4508.5	NYTME (km.): 601.8	Building: BLDG2	

Condition 30: Process Definition By Emission Unit
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 30.1:

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

Emission Unit: U-00004
Process: GDS Source Classification Code: 4-06-006-03
Process Description: DISPENSES GASOLINE.

Emission Source/Control: GDS00 - Process
Design Capacity: 4,000 gallons

Item 30.2:

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

Emission Unit: U-00005
Process: DL1 Source Classification Code: 2-03-001-01
Process Description: EMERGENCY GENERATING UNITS BURN DIESEL FUEL.

Emission Source/Control: EG001 - Combustion
Design Capacity: 150 kilowatts

Emission Source/Control: EG002 - Combustion
Design Capacity: 750 kilowatts

Item 30.3:

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

Emission Unit: U-00006
Process: DI1 Source Classification Code: 1-03-005-02
Process Description: NO.2 OIL.



Emission Source/Control: 000B3 - Combustion
Design Capacity: 12.6 million BTUs per hour

Emission Source/Control: B0001 - Combustion
Design Capacity: 10.5 million Btu per hour

Emission Source/Control: B0002 - Combustion
Design Capacity: 10.5 million Btu per hour

Emission Source/Control: B0004 - Combustion
Design Capacity: 20.66 million Btu per hour

Emission Source/Control: B0005 - Combustion
Design Capacity: 20.66 million Btu per hour

Emission Source/Control: B0006 - Combustion
Design Capacity: 18.9 million Btu per hour

Emission Source/Control: B0009 - Combustion
Design Capacity: 9.87 million Btu per hour

Emission Source/Control: B0010 - Combustion
Design Capacity: 9.87 million Btu per hour

Emission Source/Control: B0011 - Combustion
Design Capacity: 9.87 million Btu per hour

Emission Source/Control: B0012 - Combustion
Design Capacity: 23.5 million Btu per hour

Emission Source/Control: B0013 - Combustion
Design Capacity: 23.5 million Btu per hour

Item 30.4:

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

Emission Unit: U-00006
Process: NG1 Source Classification Code: 1-03-006-02
Process Description: NATURAL GAS.

Emission Source/Control: 000B3 - Combustion
Design Capacity: 12.6 million BTUs per hour

Emission Source/Control: B0001 - Combustion
Design Capacity: 10.5 million Btu per hour

Emission Source/Control: B0002 - Combustion
Design Capacity: 10.5 million Btu per hour

Emission Source/Control: B0004 - Combustion
Design Capacity: 20.66 million Btu per hour

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Emission Source/Control: B0005 - Combustion
Design Capacity: 20.66 million Btu per hour

Emission Source/Control: B0006 - Combustion
Design Capacity: 18.9 million Btu per hour

Emission Source/Control: B0009 - Combustion
Design Capacity: 9.87 million Btu per hour

Emission Source/Control: B0010 - Combustion
Design Capacity: 9.87 million Btu per hour

Emission Source/Control: B0011 - Combustion
Design Capacity: 9.87 million Btu per hour

Emission Source/Control: B0012 - Combustion
Design Capacity: 23.5 million Btu per hour

Emission Source/Control: B0013 - Combustion
Design Capacity: 23.5 million Btu per hour

Condition 31: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 230.5 (a)

Item 31.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Regulated Contaminant(s):

CAS No: 008006-61-9 GASOLINE

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any gasoline dispensing site must maintain records showing the quantity of all gasoline delivered to the site. These records must be retained at the gasoline dispensing site for at least two years, and must be made readily available to the commissioner or the commissioner's representative at any reasonable time.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 32: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020



Applicable Federal Requirement:6 NYCRR 231-2.7 (a)

Item 32.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00005

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION UNIT U-00005 PRESENTLY CONSISTS OF 2 TWO EMERGENCY POWER GENERATING UNITS. EACH UNIT UTILIZES DIESEL FUEL, AND EXHAUST GASES VENT DIRECTLY TO THE ATMOSPHERE AT THE GENERATING UNIT. THE 150 KW GENERATOR (EG001) IS LOCATED AT THE BASEBALL FIELD, AND THE 750 KW GENERATOR (EG002) IS LOCATED AT MONTGORIS DINING HALL. A THIRD GENERATOR (EG003) HAS BEEN REMOVED FROM THE UNIVERSITY, AS REFLECTED IN THE "EMISSION SOURCE/CONTROL" SECTION IN THE TITLE V PERMIT APPLICATION 2-6306-00067/00003 MODIFICATION 5.

UNDER AIR STATE FACILITY PERMIT 2-6306-00067/00006 WHICH EXPIRED ON 11/26/2002, EMISSION UNIT #U-00005 CONSISTED OF 3 EMERGENCY DIESEL GENERATORS, EMISSION SOURCES EG001, EG002 AND EG003. WHILE EXEMPTED FROM ERCS CERTIFICATION, EACH GENERATORS' OPERATION WAS LIMITED BY THE OWNER TO LESS THAN 250 HRS/ YEAR. IN THE APPLICATION THE OWNER COMPUTED THAT THE MAXIMUM ANNUAL POTENTIAL OF THE THREE GENERATORS AMOUNTED TO 7.02 TONS OF NOX PER YEAR. DEC VERIFIED AND AGREED TO THE 7.02 TPY FIGURE.

THE 7.02 TPY WERE IN FACT "CREDITABLE EMISSION INCREASES" (CEI) FOR THE 5-YEAR CONTEMPORANEOUS PERIOD THAT ENDED 12/31/2001. THE 7.02 TPY OF NOX "CEI" WERE USED BY THE APPLICANT IN THE NETTING ANALYSIS FOR EMISSION UNIT U-00002.



UNDER AIR STATE FACILITY PERMIT
2-6306-00067/00006 EMISSION UNIT U00002
CONSISTED OF 2 IDENTICAL PLW-463 BOILERS
(B004 AND B005 EACH OPERATING @ 20.66
MMBTU/HR) AND 2 IDENTICAL PLW-661 BOILERS
(B0012 AND B0013 EACH OPERATING @ 29.5
MMBTU/HR). ALL 4 BOILERS ARE NOW UNDER
EMISSION UNIT 00006 IN THE CURRENT
PERMIT. ALL 4 BOILERS ARE CAPABLE OF
FIRING NATURAL GAS (PRIMARY FUEL) AND NO.
2 OIL (BACKUP FUEL). ALL 4 BOILERS ARE
LOCATED IN THE SUB-BASEMENT OF ST.
ALBERT'S HALL (BLDG2). TWO 7.7 MMBTU/HR
BOILERS (B0007, B0008) WERE REMOVED FROM
EMISSION UNIT U00002. THE TWO 7.7
MMBTU/HR BOILERS WERE PREVIOUSLY
PERMITTED UNDER AIR TITLE V PERMIT
2-6306-00067/00003.

THE FACILITY SHALL MAINTAIN MONTHLY
RECORDS WHICH DEMONSTRATE THAT EACH
ENGINE IS OPERATED LESS THAN 250 HOURS
PER YEAR, ON A 12-MONTH ROLLING TOTAL
BASIS. THE HOURS OF OPERATION SHALL BE
RECORDED IN A BOUND LOG BOOK AFTER EACH
USE OR IN OTHER FORMAT ACCEPTABLE TO THE
DEPARTMENT.

THE EMERGENCY GENERATORS SHALL BE
OPERATED AND MAINTAINED ACCORDING TO
MANUFACTURER'S SPECIFICATIONS TO INSURE
PROPER PERFORMANCE. RECORDS
DEMONSTRATING HOURS OF OPERATION AND
MAINTENANCE PROCEDURES FOR THESE SOURCES
SHALL BE KEPT ON-SITE FOR FIVE YEARS AND
BE READILY AVAILABLE TO NYSDEC
REPRESENTATIVES UPON REQUEST.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 231-2.7 (b)

Item 33.1:

The Compliance Certification activity will be performed for:



Emission Unit: U-00006

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Under Air State Facility (ASF) permit number 2-6306-00067/00006, for emission unit U-00002, the net emission increase of NO_x resulting from the replacement of the two 7.7 mmbtu/hr boilers with two 29.5 mmbtu/hr heat input boilers was capped at 22.5 tons per year. As a result, the maximum annual potential for emission unit U-00002 was limited to 40.07 tons/ year.

The net emissions increase was determined as follows:

$$\begin{aligned} \text{NEI} &= \text{PEP} + \text{CEI} - \text{ERCS} \\ &= 32.92 + 7.02 - 17.44 \\ &= 22.50 \text{ tons / year} \end{aligned}$$

Where:

NEI is defined as the net emissions increase. In order for Subpart 231-2 to be applicable in this case, the NEI would need to be equal or greater than 25 tons per year.

PEP is defined as the project emission potential. In order for this project to net out of the Part 231-2 requirements, this project consisting of the two 29.5 mmbtu/hr heat input boilers, was limited to 32.92 tons/year NO_x emissions and the maximum annual potential for the emission unit U-00002, was limited to 40.07 tons per 12 month rolling period.

CEI is defined as creditable emission increases. In this case, the CEI is due to the emergency generators permitted under emission unit U-00005.

ERCS are defined as emission reduction credits. The following emission reduction credits were used:

Emission Unit Number NO_x ERCS Used (tons/year)

U-00001



6.97
U-00002
10.47

As a result, the NOx Maximum Annual Potential of NOx emissions from emission unit U-00006 under this permit, 2-6306-00067/00003 Modification 5, is limited to 54.76 tons per 12 month rolling period. This figure is derived from the MAP of 40.07 for emission unit U-00002 under ASF permit 2-6306-00067/00006, and from the MAP for emission units U-00001 and U-00003 under ASF permit 2-6306-00067/00005 of 8.38 and 6.31 respectively. For emission unit U-00006, see definition in the other permit condition.

The owner or operator shall calculate NOx emissions (based on fuel quantities) using the following formula:

$$\text{NOx emissions for U-00006} < D1(0.020) + G1(100) + D2(0.015) + G2(81)$$

Where:

D1 = 12-month rolling total distillate oil fired in gallons per year from emission sources B0001, B0002, B0003, B0004, B0005, B0006, B0009, B0010, B0011.

0.02 = AP42 NOx Emission Factor in pounds of NOx per gallon of distillate oil for emission sources B0001, B0002, B0003, B0004, B0005, B0006, B0009, B0010, B0011.

G1 = 12-month rolling total of natural gas fired in MMSCF per year from emission sources B0001, B0002, B0003, B0004, B0005, B0006, B0009, B0010, B0011.

100 = AP42 NOx Emission Factor in pounds of NOx per MMSCF of natural gas for emission sources B0001, B0002, B0003, B0004, B0005, B0006, B0009, B0010, B0011.

D2 = 12-month rolling total distillate oil fired in gallons per year from emission sources B0012 and B0013.

0.015 = NOx Emission Factor in pounds of NOx per gallon of distillate oil for emission sources B0012 and B0013

G2 = 12-month rolling total of natural gas fired in MMSCF per year from emission sources B0012 and B0013.

81 = NOx Emission Factor in pounds of NOx per MMSCF of natural gas for emission sources B0012 and B0013 as



supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting period.
- (4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).



Condition 35: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement: 40CFR 60, NSPS Subpart Dc

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0001

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content in the number 2 oil is limited to 0.5% by weight.

Compliance with the fuel sulfur limit may be determined based on a certification from the supplier. The fuel supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting period.
- (4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

New York State Department of Environmental Conservation

Permit ID: 2-6306-00067/00003

Facility DEC ID: 2630600067



The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:40CFR 60, NSPS Subpart Dc

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0002

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content in the number 2 oil is limited to 0.5% by weight.

Compliance with the fuel sulfur limit may be determined based on a certification from the supplier. The fuel supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.



(3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting period.

(4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification

Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:40CFR 60, NSPS Subpart Dc

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0004

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content in the number 2 oil is limited to 0.5% by weight.

Compliance with the fuel sulfur limit may be determined



based on a certification from the supplier. The fuel supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting period.
- (4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:40CFR 60, NSPS Subpart Dc



Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0005

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content in the number 2 oil is limited to 0.5% by weight.

Compliance with the fuel sulfur limit may be determined based on a certification from the supplier. The fuel supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting period.
- (4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.



All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:40CFR 60, NSPS Subpart Dc

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0006

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content in the number 2 oil is limited to 0.5% by weight.

Compliance with the fuel sulfur limit may be determined based on a certification from the supplier. The fuel supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting



period.

(4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

Condition 40: Compliance Certification

Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR Subpart 227-2

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0012

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This boiler, emission source B0012, when burning #2 fuel oil is being derated from 29.5 million btu/hr maximum heat input to 23.5 million btu/hr maximum heat input by employing fuel restrictions. This 23.5 million btu/hr maximum heat input will be tested by the installer.

Within 60 days of the issuance of the permit, the facility



owner or its representative shall submit a test protocol to the Regional Air pollution Control Engineer for review, describing the testing methodology steps.

Upon review and approval of this proptocol, within 30 days the owner or his/her representative shall conduct the derating test. A written notice shall be provided to the RAPCE for the day of this testing.

Within 30 days after the testing is completed the test report shall be provided to RAPCE.

Submit the above to:

Regional Air Pollution Control Engineer
Division of Air Resources
NYSDEC
47-40 21st Street
LIC, NY 11101

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:40CFR 60, NSPS Subpart Dc

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006
Process: DI1

Emission Source: B0012

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content in the number 2 oil is limited to 0.5% by weight.

Compliance with the fuel sulfur limit may be determined based on a certification from the supplier. The fuel supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit



reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting period.
- (4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR Subpart 227-2

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0013

Item 42.2:

New York State Department of Environmental Conservation

Permit ID: 2-6306-00067/00003

Facility DEC ID: 2630600067



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This boiler, emission source B0013, when burning #2 fuel oil is being derated from 29.5 million btu/hr maximum heat input to 23.5 million btu/hr maximum heat input by employing fuel restrictions. This 23.5 million btu/hr maximum heat input will be tested by the installer.

Within 60 days of the issuance of the permit, the facility owner or its representative shall submit a test protocol to the Regional Air pollution Control Engineer for review, describing the testing methodology steps.

Upon review and approval of this proptocol, within 30 days the owner or his/her representative shall conduct the derating test. A written notice shall be provided to the RAPCE for the day of this testing.

Within 30 days after the testing is completed the test report shall be provided to RAPCE.

Submit the above to:

Regional Air Pollution Control Engineer
Division of Air Resources
NYSDEC
47-40 21st Street
LIC, NY 11101

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:40CFR 60, NSPS Subpart Dc

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: DI1

Emission Source: B0013

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



The sulfur content in the number 2 oil is limited to 0.5% by weight.

Compliance with the fuel sulfur limit may be determined based on a certification from the supplier. The fuel supplier certification shall include the name of the oil supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

The owner or operator of each affected facility subject to the fuel oil sulfur limits, shall keep records and submit reports to the Administrator including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Records of fuel supplier certification and a certified statement signed by the owner or operator of the facility that the records of fuel supplier certifications submitted represent all the fuel combusted during the reporting period.
- (4) Fuel combusted daily or amount of fuel delivered during each calendar month.

When applicable, the owner or operator of the facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The reporting period for the reports required above is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

All records required shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

Subsequent reports are due every 6 calendar month(s).



Condition 44: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR Subpart 227-2

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: NG1

Emission Source: B0012

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This boiler, emission source B0012, when burning natural gas is being derated from 29.5 million btu/hr maximum heat input to 23.5 million btu/hr maximum heat input by employing fuel restrictions. This 23.5 million btu/hr maximum heat input will be tested by the installer.

Within 60 days of the issuance of the permit, the facility owner or its representative shall submit a test protocol to the Regional Air pollution Control Engineer for review, describing the testing methodology steps.

Upon review and approval of this proptocol, within 30 days the owner or his/her representative shall conduct the derating test. A written notice shall be provided to the RAPCE for the day of this testing.

Within 30 days after the testing is completed the test report shall be provided to RAPCE.

Submit the above to:

Regional Air Pollution Control Engineer
Division of Air Resources
NYSDEC
47-40 21st Street
LIC, NY 11101

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 45: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR Subpart 227-2



Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Process: NG1

Emission Source: B0013

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This boiler, emission source B0013, when burning natural gas is being derated from 29.5 million btu/hr maximum heat input to 23.5 million btu/hr maximum heat input by employing fuel restrictions. This 23.5 million btu/hr maximum heat input will be tested by the installer.

Within 60 days of the issuance of the permit, the facility owner or its representative shall submit a test protocol to the Regional Air pollution Control Engineer for review, describing the testing methodology steps.

Upon review and approval of this proptocol, within 30 days the owner or his/her representative shall conduct the derating test. A written notice shall be provided to the RAPCE for the day of this testing.

Within 30 days after the testing is completed the test report shall be provided to RAPCE.

Submit the above to:

Regional Air Pollution Control Engineer
Division of Air Resources
NYSDEC
47-40 21st Street
LIC, NY 11101

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 46.1:

The Compliance Certification activity will be performed for:



Emission Unit: U-00006
Process: DI1

Emission Point: PT001

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Incident weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the



detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 47.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006 Emission Point: PT002
Process: DI1

Item 47.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - date and time of day
 - observer's name
 - identity of emission point
 - weather condition
 - was a plume observed?



Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 48.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006 Emission Point: PT003
Process: D11

Item 48.2:
Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Incident weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the



stack.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement: 6 NYCRR 227-1.3

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006 Emission Point: PT004
Process: DI1

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - date and time of day
 - observer's name
 - identity of emission point
 - weather condition
 - was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

- 3) If the operator observes any visible emissions (other



than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Compliance Certification
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 50.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006 Emission Point: PT005
Process: DI1

Item 50.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:



1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.



The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).



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: 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 applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 51: Contaminant List
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable State Requirement:ECL 19-0301

Item 51.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 008006-61-9
Name: GASOLINE



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

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN

Condition 52: Malfunctions and start-up/shutdown activities
Effective between the dates of 06/12/2015 and 06/11/2020

Applicable State Requirement:6 NYCRR 201-1.4

Item 52.1:

- (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.

