



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 3-3924-00025/00821
Mod 0 Effective Date: 10/14/2008 Expiration Date: 10/13/2013
Mod 1 Effective Date: 05/18/2009 Expiration Date: 10/13/2013

Permit Issued To: WYETH HOLDINGS CORP
401 NORTH MIDDLETOWN RD
PEARL RIVER, NY 10965

Facility: WYETH PHARMACEUTICALS
401 N MIDDLETOWN RD
PEARL RIVER, NY 10965-1299

Contact: ERIC NELSON
WYETH PHARMACEUTICALS
401 N MIDDLETOWN RD
PEARL RIVER, NY 10965
(845) 602-3870

Description:
Administrative Modification to correct errors from renewal. No new Emission Units or requirements.

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: KENNETH R GRZYB
NYSDEC REGION 3
21 S PUTT CORNERS RD
NEW PALTZ, NY 12561

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 3 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: 6NYCRR 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: 6NYCRR 621.13

Item 4.1:

The Department reserves the right 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 3 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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Facility: WYETH PHARMACEUTICALS
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PEARL RIVER, NY 10965-1299

Authorized Activity By Standard Industrial Classification Code:
2833 - MEDICINALS AND BOTANICALS
2834 - PHARMACEUTICAL PREPARATIONS
2836 - BIOLOGICAL PRODUCTS, EXCEPT DIAGNOSTIC
8731 - COMMERCIAL PHYSICAL RESEARCH

Mod 0 Permit Effective Date: 10/14/2008

Permit Expiration Date: 10/13/2013

Mod 1 Permit Effective Date: 05/18/2009

Permit Expiration Date: 10/13/2013



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department
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Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(f): Compliance Certification
- *1-1 6NYCRR 201-7: Capping Monitoring Condition
- 1-2 6NYCRR 212.4(c): Compliance Certification
- 25 6NYCRR 212.6(a): Compliance Certification
- 1-3 6NYCRR 225-1.2(a)(2): Compliance Certification
- 28 6NYCRR 226.2: Compliance Certification
- 1-4 6NYCRR 227-1.3(a): Compliance Certification
- 1-5 6NYCRR 227-2.4(b)(1): Compliance Certification

Emission Unit Level

- 29 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 30 6NYCRR 201-6: Process Definition By Emission Unit



31 6NYCRR 201-7: Emission Unit Permissible Emissions

EU=F-00001

1-6 6NYCRR 227-2.4(b)(1): Compliance Certification

EU=F-00002

- *1-7 6NYCRR 201-7: Capping Monitoring Condition
- 35 6NYCRR 231-2.2(b): Compliance Certification
- 36 6NYCRR 231-2.2(b): Compliance Certification
- 37 6NYCRR 231-2.2(b): Compliance Certification
- 38 6NYCRR 231-2.2(b): Compliance Certification
- 1-8 40CFR 52.21(c), Subpart a: Compliance Certification
- 1-9 40CFR 52.21(c), Subpart a: Compliance Certification
- 40 40CFR 52.21, Subpart A: Compliance Certification
- 41 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 1-10 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Certification
- 42 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 1-11 40CFR 60.334(i)(1), NSPS Subpart GG: Compliance Certification

EU=F-00002,Proc=C01

- 1-12 40CFR 52.21, Subpart A: Compliance Certification
- 1-13 40CFR 52.21, Subpart A: Compliance Certification

EU=F-00002,Proc=C02

- 1-14 40CFR 52.21, Subpart A: Compliance Certification
- 1-15 40CFR 52.21, Subpart A: Compliance Certification

EU=F-00002,Proc=C03

- 1-16 40CFR 52.21, Subpart A: Compliance Certification
- 1-17 40CFR 52.21, Subpart A: Compliance Certification

EU=F-00002,Proc=C04

- 1-18 40CFR 52.21, Subpart A: Compliance Certification
- 1-19 40CFR 52.21, Subpart A: Compliance Certification

EU=F-00003,Proc=W03

- *1-20 6NYCRR 201-7: Capping Monitoring Condition
- 1-21 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=F-00005

- *1-22 6NYCRR 201-7: Capping Monitoring Condition
- 1-23 6NYCRR 212.11(b): Compliance Certification
- 1-24 6NYCRR 227-2.4(c)(2): Compliance Certification
- 1-25 6NYCRR 227-2.4(c)(2): Compliance Certification
- 1-26 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Certification

EU=F-00006

- *1-27 6NYCRR 201-7: Capping Monitoring Condition

EU=R-00002

- 54 6NYCRR 233.3(f): In-process tank requirements
- 55 6NYCRR 233.3(g): Leak requirements



56 6NYCRR 233.5: Recordkeeping for leaks - Part 233.5(b)

EU=R-00003

*57 6NYCRR 201-7: Capping Monitoring Condition

1-28 6NYCRR 233.3(a): Compliance Certification

1-29 6NYCRR 233.3(f): In-process tank requirements

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

58 ECL 19-0301: Contaminant List

59 6NYCRR 201-1.4: Unavoidable noncompliance and violations

60 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.



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 - 6NYCRR Part 201-1.5

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

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

(1) An emergency occurred and that the facility owner and/or

operator can identify the cause(s) of the emergency;

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

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

(4) The facility owner and/or operator notified the Department

within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 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 6NYCRR 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 Part 201-6.3(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 Part 201-6.3(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 Part 201-6.5(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 Part 201-6.5(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 Part 201-6.5(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 Part 201-6.5(a)(6)**
This permit does not convey any property rights of any sort or any exclusive privilege.
- Item I: Severability - 6 NYCRR Part 201-6.5(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 Part 201-6.5(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 Part 201-6.5(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 10/14/2008 and 10/13/2013**

Applicable Federal Requirement:6NYCRR 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 10/14/2008 and 10/13/2013**

Applicable Federal Requirement:6NYCRR 201-6.5(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 72-0302.

**Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 10/14/2008 and 10/13/2013**

Applicable Federal Requirement:6NYCRR 201-6.5(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 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement: 6NYCRR 201-6.5(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 10/14/2008 and 10/13/2013

Applicable Federal Requirement: 6NYCRR 201-6.5(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 201-6.3(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 shall be submitted to the Administrator (or his or her representative) as well as two copies 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). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement: 6 NYCRR 201-6.5(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 recordkeeping 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 annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies 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). Please send annual



compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

21 South Putt Corners Road
New Paltz, NY 12561-1696

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2009.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 202-2.1

Item 7.1:

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 10/14/2008 and 10/13/2013



Applicable Federal Requirement:6NYCRR 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 Prohibited at Industrial and Commercial Sites
Effective between the dates of 10/14/2008 and 10/13/2013**

Applicable Federal Requirement:6NYCRR 215

Item 9.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

**Condition 10: Maintenance of Equipment
Effective between the dates of 10/14/2008 and 10/13/2013**

Applicable Federal Requirement:6NYCRR 200.7

Item 10.1:

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

**Condition 11: Recycling and Salvage
Effective between the dates of 10/14/2008 and 10/13/2013**



Applicable Federal Requirement:6NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 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 10/14/2008 and 10/13/2013

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

Item 13.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 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.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 10/14/2008 and 10/13/2013

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

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 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.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 10/14/2008 and 10/13/2013



Applicable Federal Requirement:6NYCRR 201-6.5(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: General Condition - Right to Inspect
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-6.5(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: Standard Requirements - Progress Reports
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-6.5(d)(5)

Item 17.1:

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 18: Off Permit Changes



Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-6.5(f)(6)

Item 18.1:

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 operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests

Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 202-1.1

Item 19.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited

Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 211.3

Item 20.1:

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

Condition 21: Accidental release provisions.

Effective between the dates of 10/14/2008 and 10/13/2013



Applicable Federal Requirement:40CFR 68

Item 21.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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 23: Emission Unit Definition
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-6

Item 23.1(From Mod 1):

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

Emission Unit: F-00001

Emission Unit Description:

BOILER # 4. . FUEL TYPES ARE NATURAL GAS
AND NO. 2 OIL.



Building(s): 2430

Item 23.2(From Mod 1):

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

Emission Unit: F-00002

Emission Unit Description:

CO-GENERATION FACILITY CONSISTING OF TWO TURBINES (#1 AND 2) EACH WITH A BOILER (BOILERS #1 AND #2). During periods of start-up, the turbine(s) exhaust through a bypass stack until the unit reaches 90% running speed (boiler permissive) at which time the turbine exhaust is diverted into the boiler(s) after the air purge through the boilers is completed. The water for injection turns on automatically at a pre-set T5 temperature of 1100 Deg. F. The turbine(s) are ramped up to, and then operated at the KW control set point, limited by the T5 maximum setting of 1275 Deg. F. T5 is the turbine third stage inlet (power turbine inlet) temperature. During shut-down, the boiler steam load is shed by gradually reducing and then shutting off fuel to the duct burners (if in use) and then diverting turbine exhaust through the bypass stack. Upon activating a normal stop, the turbine fuel flow is gradually reduced as the unit ramps down from full power to zero power output. The water for injection turns off automatically when the pre-set T5 temperature of 1050 Deg. F. is reached. The fuel flow to the turbine continues throughout the cool-down period and then shuts off, shutting down the turbine. In the event of Turbine failure, the boilers can be fired independently to maintain a steam supply to the facility. This fresh air firing of the boilers would be a non-routine event reserved for emergencies

Building(s): 2410

Item 23.3(From Mod 1):

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

Emission Unit: F-00003

Emission Unit Description:

THIS UNIT INCLUDES EQUIPMENT ASSOCIATED WITH THE SITE INFRASTRUCTURE INCLUDING THE WASTE WATER TREATMENT PLANT, FUEL STORAGE AND EMERGENCY GENERATORS.

Building(s): 2428

Item 23.4(From Mod 1):

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

Emission Unit: F-00004

Emission Unit Description:

BOILER #5 FUEL TYPE IS NATURAL GAS AND NO. 2 OIL



Building(s): 132A

Item 23.5(From Mod 1):

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

Emission Unit: F-00005

Emission Unit Description:

Boiler #3. Fuel Types are natural gas and No. 2 oil.

Building(s): 2430

Item 23.6(From Mod 1):

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

Emission Unit: F-00006

Emission Unit Description:

Standby Emergency Generator to provide power for critical site equipment.

Building(s): 4947

Item 23.7(From Mod 1):

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

Emission Unit: P-00001

Emission Unit Description:

Pharmaceutical manufacturing formulation operations including weighing, milling, blending, granulation, drying, filling and packaging operations.

Building(s): 100
110
112
112A
120
130

Item 23.8(From Mod 1):

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

Emission Unit: R-00002

Emission Unit Description:

MANUFACTURING IN RESEARCH & DEVELOPMENT FACILITIES. MANY OF THESE SOURCES WILL ALSO OPERATE AS EXEMPT R&D SOURCES. OPERATIONS ARE SUBJECT TO THE PERMIT AND APPLICABLE RULE ONLY WHEN MANUFACTURING PRODUCTS FOR SALE OR WHEN USING / EMITTING VOC'S WHEN MANUFACTURING PRODUCTS FOR CLINICAL USE IN PATIENTS AND NOT OTHERWISE EXEMPT FROM PART 233 [e.g., 233.1(g)(2)].

Building(s): 240

Item 23.9(From Mod 1):

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

Emission Unit: R-00003



Emission Unit Description:

FORMULATION DEVELOPMENT OPERATIONS IN BUILDING 230. VOC EMISSIONS ARE CAPPED AT 0.21 TONS PER YEAR. BOTH AQUEOUS BASED AND SOLVENT BASED DEVELOPMENT ACTIVITIES MAY BE PERFORMED. OCCASIONALLY, PHARMACEUTICAL PRODUCTS MAY BE MANUFACTURED FOR USE IN PATIENTS FOR CLINICAL STUDY. FOR ALL OPERATIONS, THE VOC CONTROL SYSTEM MAY BE BY-PASSED, EXCEPT WHEN THE BATCH VOC EMISSION RATE FOR THE PROCESS EQUIPMENT EXCEEDS ONE POUND PER DAY, OR WHEN VOC EMISSIONS IN ANY CALENDAR DAY EXCEED ONE POUND. THE VOC CONTROL SYSTEM IS NOT OPERATED WHEN VOC'S ARE NOT PROCESSED.

Building(s): 230

Item 23.10(From Mod 1):

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

Emission Unit: R-00005

Emission Unit Description:

PHARMACEUTICAL MANUFACTURING IN RESEARCH AND DEVELOPMENT FACILITIES. MANY OF THESE SOURCES WILL ALSO OPERATE AS EXEMPT R&D SOURCES. OPERATIONS ARE SUBJECT TO THE PERMIT AND APPLICABLE RULE ONLY WHEN MANUFACTURING PRODUCTS FOR SALE OR WHEN USING/EMITTING VOC'S WHEN MANUFACTURING PRODUCTS FOR CLINICAL USE IN PATIENTS AND NOT OTHERWISE EXEMPT FROM PART 233 (E.G. 233.1(G) (2).

Building(s): 250

Item 23.11(From Mod 1):

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

Emission Unit: W-00002

Emission Unit Description:

Pharmaceutical manufacturing of biological products including vaccines.

Building(s): 043B
112
211
215
54
60B
60C
60D

Condition 24: Compliance Certification

Effective between the dates of 10/14/2008 and 10/13/2013



Applicable Federal Requirement: 6NYCRR 201-6.5(f)

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

OPERATIONAL FLEXIBILITY PLAN -

Under this plan, WP is authorized to make specific emissions source changes without invoking the permit modification provisions of 6 NYCRR Part 201-6.7.

The following equipment and operational changes are allowed without any case specific NYSDEC approval or notification or associated record-keeping. These types of changes are considered acceptable under the WP Title V Permit:

1. the relocation of equipment or ventilation (but not the emission point for non-exempt sources), decrease emission rate or concentration.
2. elimination of contaminants,
3. replacement of equipment in-kind or with similar equipment that has no major New Source Review implications or cause the source to become subject to any additional regulations, and
4. the installation or alteration or exempt or trivial emission sources and associated emission points provided there are no major New Source Review implications.

Any physical or operational changes that are not modifications as defined above, or do not affect or change the applicability of regulatory requirements, are inherently covered by the WP Title V Permit and need not be evaluated under the protocol. Other changes will require review and NYSDEC notification under the WP Protocol for Change.

The following types of changes are permissible provided that the change complies with the WP self-assessment criteria described below as the WP Protocol for Change.

1. an increase in the emission rate or concentration of a contaminant (a modification by the Part 200 definition) in



a manner that does not violate or change any applicable requirements;

2. use of production materials that may result in the emission of air contaminants that were not "previously authorized";
3. relocation of emissions points within WP;
4. installation or alteration of air pollution control devices;
and
5. installation of new emissions sources.

WP will review each of the above types of changes and emission source modifications using the WP Protocol for Change criteria. Modifications and changes that fully comply with the presented criteria are considered acceptable within further NYSDEC review or authorization.

WP Protocol for Change

Self-assessment criteria under which WP will evaluate select changes identified above.

1. Federally enforceable condition (regulatory citations) are already established in the Title V permit to address the requirements that are applicable to the new emissions source or modification. The new or modified source will be associated with an existing emissions unit or process that has the necessary regulatory citations;
2. The new emissions source or modification will comply with all respective applicable requirements and the above-referenced permit conditions.
3. The new source or modification will comply with NYSDEC State Air Toxics review criteria (Air Guide 1), or WP will demonstrate to NYSDEC's satisfaction that offsite ambient air impact is acceptable.
4. The new source or modification will not trigger major New Source Review program applicability. Specifically, the new source or modification will not result in a significant net emissions increase that exceeds the thresholds identified in 6 NYCRR Part 231-2 or 40 CFR Part 52.21.

WP will document its assessment of each new source or modification reviewed under this criteria to include:



1. identification of the Title V Permit emission unit and process(is) under which the new or modified emissions source will be covered;
2. documentation of WP's evaluation of the source's compliance status with respect to all applicable requirements;
3. if appropriate, the identification of an emissions control technology and compliance certification terms;
4. documentation of source's conformance with NYSDEC's State Air Toxics criteria;
and
5. documentation that the source does not trigger major New Source Review program applicability.

WP will notify NYSDEC of new sources installations or modifications reviewed under these criteria 30 days in advance of commencing the change. WP will be permitted to proceed with the change 30 days from the date of NYSDEC receipt of the notification, or upon prior approval, whichever is first. NYSDEC may require a permit modification if it determines that changes proposed pursuant to the above notification do not meet the criteria described in this protocol or if the change may have a significant under SEQRA. NYSDEC shall respond to WP in writing with such a determination within 15 days of receipt of the 30-day advance notification. NYSDEC's determination shall include a listing of information necessary to further review the proposed change.

Upon commencement of the change, WP shall comply with all applicable requirements and proposed permit conditions presented in the notification, or those amended by the NYSDEC.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-1: Capping Monitoring Condition
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-7

Item 1-1.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would



otherwise be subject to:

40CFR 63-GGG

Item 1-1.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-1.3:

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.

Item 1-1.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-1.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-1.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 1-1.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Prior to required compliance date records will be maintained to show minor source status with respect to HAP emissions to cap out of MACT program.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-2: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013



Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 53

Item 1-2.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: P-00001

Emission Unit: R-00002

Emission Unit: R-00003

Emission Unit: W-00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-2.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing at the request of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Compliance Certification

Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 212.6(a)

Item 25.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: P-00001

Emission Unit: R-00002

Emission Unit: R-00003

Emission Unit: R-00005



Emission Unit: W-00002

Item 25.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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 1/30/2009.

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

Condition 1-3: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)

Replaces Condition(s) 27

Item 1-3.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-3.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding 0.37% by weight. Contracts / orders for bulk deliveries of distillate fuel oil specify a sulfur limitation that will comply or be more restrictive than the limitation presented below. These records are maintained on site.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT



Upper Permit Limit: 0.37 percent reduction by weight
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement: 6NYCRR 226.2

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

No person shall conduct solvent metal cleaning unless:

- (1) Solvent is stored in covered containers and waste solvent is transferred or disposed of in such a manner that less than 20 percent of the waste solvent, by weight, can evaporate into the atmosphere;
- (2) Equipment used in solvent metal cleaning is maintained to minimize leaks and fugitive emissions;
- (3) A record of solvent consumption shall be maintained and made available to the commissioner or his representative upon request.
- (4) A cover shall be provided which can be operated easily.
- (5) Cleaned parts shall be drained at least 15 seconds or until dripping ceases.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2009.
Subsequent reports are due every 6 calendar month(s).



Condition 1-4: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

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

Replaces Condition(s) 32

Item 1-4.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-00001

Emission Unit: F-00002

Emission Unit: F-00005

Emission Unit: F-00004

Emission Unit: F-00006

Item 1-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60. Method 9 will be performed upon request from the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 7/30/2009.

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

Condition 1-5: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 227-2.4(b)(1)

Replaces Condition(s) 33

Item 1-5.1:

The Compliance Certification activity will be performed for the facility:



The Compliance Certification applies to:

Emission Unit: F-00001

Emission Unit: F-00004

Regulated Contaminant(s):

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

Item 1-5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limits for large boilers, where compliance with the specific emission limit is verified through stack testing, upon request by the Department.

Upper Permit Limit: 0.3 pounds per million Btus

Reference Test Method: Method 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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 10/14/2008 and 10/13/2013**

Applicable Federal Requirement:6NYCRR 201-6

Item 29.1(From Mod 1):

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

Emission Unit: F-00005

Emission Point: 23259

Height (ft.): 88

Diameter (in.): 42

Item 29.2(From Mod 0):

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

Emission Unit: F-00001

Emission Point: 13256

Height (ft.): 100

Diameter (in.): 42

NYTMN (km.): 4547.2

NYTME (km.): 582.5

Building: 132

**Item 29.3(From Mod 0):**

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

Emission Unit: F-00002

Emission Point: 00101

Height (ft.): 127 Diameter (in.): 60
NYTMN (km.): 4547.2 NYTME (km.): 582.5

Emission Point: 00102

Height (ft.): 127 Diameter (in.): 60
NYTMN (km.): 4547.2 NYTME (km.): 582.5

Emission Point: 00106

Height (ft.): 55 Diameter (in.): 54

Emission Point: 00107

Height (ft.): 55 Diameter (in.): 54

Item 29.4(From Mod 0):

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

Emission Unit: F-00003

Emission Point: 09714

Height (ft.): 16 Length (in.): 150 Width (in.): 80
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: B191-GEN

Emission Point: 09715

Height (ft.): 16 Length (in.): 150 Width (in.): 80
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: B191-GEN

Emission Point: 14109

Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 141COMPLEX

Emission Point: 14114

Height (ft.): 42 Length (in.): 48 Width (in.): 72
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 141COMPLEX

Emission Point: 14116

Height (ft.): 42 Diameter (in.): 8
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 141COMPLEX

Emission Point: 54118

Height (ft.): 40 Diameter (in.): 20
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 141COMPLEX

Emission Point: FO111

Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 141COMPLEX



Emission Point: FO112
 Height (ft.): 12 Diameter (in.): 2
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 141COMPLEX

Item 29.5(From Mod 0):

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

Emission Unit: F-00004

Emission Point: 23155
 Height (ft.): 100 Diameter (in.): 42
 NYTMN (km.): 4547.323 NYTME (km.): 581.833

Item 29.6(From Mod 0):

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

Emission Unit: P-00001

Emission Point: 11246
 Height (ft.): 113 Diameter (in.): 26
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 112

Emission Point: 11253
 Height (ft.): 101 Diameter (in.): 18
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 112

Emission Point: 11254
 Height (ft.): 101 Diameter (in.): 18
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 112

Emission Point: 11256
 Height (ft.): 103 Length (in.): 20 Width (in.): 20
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 112

Emission Point: 11257
 Height (ft.): 103 Length (in.): 20 Width (in.): 20
 NYTMN (km.): 4547.2 NYTME (km.): 582.5

Emission Point: 11258
 Height (ft.): 103 Length (in.): 20 Width (in.): 20
 NYTMN (km.): 4547.2 NYTME (km.): 582.5

Emission Point: 12009
 Height (ft.): 120 Diameter (in.): 24
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 120

Emission Point: 12010
 Height (ft.): 114 Diameter (in.): 24
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 112

Emission Point: 12051
 Height (ft.): 120 Diameter (in.): 24
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 120



Emission Point: 12055	Height (ft.): 104	Diameter (in.): 24	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 12073	Height (ft.): 99	Length (in.): 51	Width (in.): 51
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 120
Emission Point: 12099	Height (ft.): 116	Diameter (in.): 30	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 120
Emission Point: 21207	Height (ft.): 97	Diameter (in.): 16	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 21234	Height (ft.): 97	Diameter (in.): 14	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 21237	Height (ft.): 102	Diameter (in.): 10	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 21240	Height (ft.): 102	Diameter (in.): 14	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 21241	Height (ft.): 171	Diameter (in.): 14	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 21244	Height (ft.): 102	Diameter (in.): 8	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 21251	Height (ft.): 102	Diameter (in.): 10	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112
Emission Point: 21252	Height (ft.): 102	Diameter (in.): 10	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112
Emission Point: 32018	Height (ft.): 97	Diameter (in.): 18	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 112A
Emission Point: 32019	Height (ft.): 95	Diameter (in.): 8	
	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 120



Emission Point: 32022			
Height (ft.): 116	Diameter (in.): 23		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 120	
Emission Point: 32023			
Height (ft.): 116	Diameter (in.): 20		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 120	
Emission Point: 33074			
Height (ft.): 95	Diameter (in.): 8		
Emission Point: 33075			
Height (ft.): 98	Diameter (in.): 14		
Emission Point: 33076			
Height (ft.): 98	Diameter (in.): 20		

Item 29.7(From Mod 0):

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

Emission Unit: R-00002			
Emission Point: 24010			
Height (ft.): 64	Diameter (in.): 20		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 240	
Emission Point: 24011			
Height (ft.): 64	Diameter (in.): 20		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 240	
Emission Point: 24012			
Height (ft.): 64	Diameter (in.): 20		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 240	
Emission Point: 24013			
Height (ft.): 64	Diameter (in.): 29		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 240	
Emission Point: 24014			
Height (ft.): 64	Diameter (in.): 29		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 240	

Item 29.8(From Mod 0):

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

Emission Unit: R-00003			
Emission Point: 63005			
Height (ft.): 54	Diameter (in.): 5		
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 230	
Emission Point: 63006			
Height (ft.): 54	Diameter (in.): 5		



	NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 230
Emission Point: 63010			
Height (ft.): 54		Diameter (in.): 5	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 230
Emission Point: 63011			
Height (ft.): 54		Diameter (in.): 4	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 230
Emission Point: 63012			
Height (ft.): 54		Diameter (in.): 14	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 230
Emission Point: 63013			
Height (ft.): 54		Diameter (in.): 40	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 230
Emission Point: 63016			
Height (ft.): 54		Diameter (in.): 24	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 230
Emission Point: 63020			
Height (ft.): 54		Diameter (in.): 40	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 230
Emission Point: 63032			
Height (ft.): 54		Diameter (in.): 24	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 230

Item 29.9(From Mod 0):

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

Emission Unit: R-00005			
Emission Point: 25006			
Height (ft.): 50		Diameter (in.): 37	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	

Item 29.10(From Mod 0):

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

Emission Unit: W-00002			
Emission Point: 05443			
Height (ft.): 42		Diameter (in.): 15	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 54
Emission Point: 05444			
Height (ft.): 40		Diameter (in.): 12	
NYTMN (km.): 4547.2		NYTME (km.): 582.5	Building: 54
Emission Point: 21103			



Height (ft.): 25 NYTMN (km.): 4547.2	Diameter (in.): 3 NYTME (km.): 582.5	Building: 211
Emission Point: 21104 Height (ft.): 54 NYTMN (km.): 4547.2	Diameter (in.): 1 NYTME (km.): 582.5	Building: 211
Emission Point: 21107 Height (ft.): 54 NYTMN (km.): 4547.2	Diameter (in.): 9 NYTME (km.): 582.5	Building: 211
Emission Point: 21108 Height (ft.): 54 NYTMN (km.): 4547.2	Diameter (in.): 9 NYTME (km.): 582.5	Building: 211
Emission Point: 21110 Height (ft.): 54 NYTMN (km.): 4547.2	Diameter (in.): 9 NYTME (km.): 582.5	Building: 211
Emission Point: 21113 Height (ft.): 54 NYTMN (km.): 4547.2	Diameter (in.): 16 NYTME (km.): 582.5	Building: 211
Emission Point: 21157 Height (ft.): 55 NYTMN (km.): 4547.2	Diameter (in.): 4 NYTME (km.): 582.5	Building: 211
Emission Point: 21538 Height (ft.): 57	Diameter (in.): 1	Building: 211
Emission Point: 21540 Height (ft.): 57	Diameter (in.): 1	Building: 211
Emission Point: 21544 Height (ft.): 57	Diameter (in.): 1	Building: 211
Emission Point: 21548 Height (ft.): 57	Diameter (in.): 1	Building: 211
Emission Point: 36241 Height (ft.): 60 NYTMN (km.): 4547.2	Diameter (in.): 4 NYTME (km.): 582.5	Building: 60B

Condition 30: Process Definition By Emission Unit
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-6

Item 30.1(From Mod 1):



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

Emission Unit: F-00001
Process: B01 Source Classification Code: 1-02-006-01
Process Description:
THREE BOILERS FIRING NATURAL GAS AND/OR #2
FUEL OIL

Emission Source/Control: F0010 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: F0028 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: F0029 - Combustion
Design Capacity: 110 million Btu per hour

Item 30.2(From Mod 1):

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

Emission Unit: F-00001
Process: B02 Source Classification Code: 1-02-006-01
Process Description:
PRIMARY OPERATION MODE OF BOILERS BURNING
#2 FUEL OIL.

Emission Source/Control: F0010 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: F0028 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: F0029 - Combustion
Design Capacity: 110 million Btu per hour

Item 30.3(From Mod 1):

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

Emission Unit: F-00002
Process: C01 Source Classification Code: 1-02-006-04
Process Description:
OPERATION OF TURBINE(S) ON NATURAL GAS,
and waste heat boilers with DUCT BURNERS
OFF, as described in the unit description.

Emission Source/Control: F0001 - Combustion

Emission Source/Control: F0002 - Combustion

Emission Source/Control: F0090 - Combustion

Emission Source/Control: F0098 - Combustion



Emission Source/Control: FWIS1 - Control
Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control
Control Type: STEAM OR WATER INJECTION

Item 30.4(From Mod 1):

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

Emission Unit: F-00002

Process: C02

Source Classification Code: 1-02-006-04

Process Description:

OPERATION OF TURBINES AND WASTE HEAT BOILER(S) ON NATURAL GAS, as described in the unit description. During testing for fuel change-over periods, when the unit is changing from burning natural gas to fuel oil, the turbine and duct burners may be operated on different fuels.

Emission Source/Control: F0001 - Combustion

Emission Source/Control: F0002 - Combustion

Emission Source/Control: F0090 - Combustion

Emission Source/Control: F0098 - Combustion

Emission Source/Control: FWIS1 - Control
Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control
Control Type: STEAM OR WATER INJECTION

Item 30.5(From Mod 1):

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

Emission Unit: F-00002

Process: C03

Source Classification Code: 1-02-005-05

Process Description:

OPERATION OF TURBINE(S) ON #2 FUEL OIL, and waste heat boilers with DUCT BURNERS OFF, as described in the unit description.

Emission Source/Control: F0001 - Combustion

Emission Source/Control: F0002 - Combustion

Emission Source/Control: F0090 - Combustion

Emission Source/Control: F0098 - Combustion

Emission Source/Control: FWIS1 - Control
Control Type: STEAM OR WATER INJECTION



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

Emission Unit: F-00002

Process: C06

Source Classification Code: 1-02-005-02

Process Description:

Fresh air firing using #2 fuel oil, of one or both waste heat boilers without combustion of corresponding turbine. This non-routine operation could occur to maintain site steam load if the turbine is taken off line.

Emission Source/Control: F0001 - Combustion

Emission Source/Control: F0002 - Combustion

Emission Source/Control: F0090 - Combustion

Emission Source/Control: F0098 - Combustion

Emission Source/Control: FWIS1 - Control

Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control

Control Type: STEAM OR WATER INJECTION

Item 30.9(From Mod 1):

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

Emission Unit: F-00002

Process: C07

Source Classification Code: 1-01-006-02

Process Description: OPERATION OF WASTE HEAT BOILERS ON NATURAL GAS.

Emission Source/Control: F0001 - Combustion

Emission Source/Control: F0002 - Combustion

Emission Source/Control: F0090 - Combustion

Emission Source/Control: F0098 - Combustion

Emission Source/Control: FWIS1 - Control

Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control

Control Type: STEAM OR WATER INJECTION

Item 30.10(From Mod 1):

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

Emission Unit: F-00003

Process: W01

Source Classification Code: 3-01-820-02

Process Description:

EQUIPMENT ASSOCIATED WITH THE WASTE WATER TREATMENT PLANT.



Emission Source/Control: F0013 - Process

Emission Source/Control: F0014 - Process

Emission Source/Control: F0015 - Process

Emission Source/Control: F0016 - Process

Emission Source/Control: F0017 - Process

Emission Source/Control: F0018 - Process

Emission Source/Control: F0019 - Process

Emission Source/Control: F0020 - Process

Emission Source/Control: F0031 - Process

Emission Source/Control: F0033 - Process

Emission Source/Control: F0034 - Process

Emission Source/Control: F0039 - Process

Emission Source/Control: F0040 - Process

Item 30.11(From Mod 1):

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

Emission Unit: F-00003

Process: W02

Source Classification Code: 3-01-820-02

Process Description: FUEL OIL TANKS.

Emission Source/Control: F0035 - Process

Emission Source/Control: F0036 - Process

Item 30.12(From Mod 1):

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

Emission Unit: F-00003

Process: W03

Source Classification Code: 2-02-001-02

Process Description:

Two emergency generators operated on diesel fuel. Fuel burned is capped so that annual NOx emissions remain below 5000 pounds per year.

Emission Source/Control: F0037 - Combustion

Emission Source/Control: F0038 - Combustion

Item 30.13(From Mod 1):



Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: 00DC4 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: 00DC5 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: CCDC1 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: CCDC2 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: CCDC3 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DC006 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DC010 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DC1BL - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DC2BL - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DCPC1 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DCPC2 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DCPC4 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DCPC5 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DCPC7 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DCPC8 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: DCS1A - Control
Control Type: FABRIC FILTER

Emission Source/Control: DCS1B - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER



Emission Source/Control: DCS2A - Control
Control Type: FABRIC FILTER

Emission Source/Control: DCS2B - Control
Control Type: FABRIC FILTER

Emission Source/Control: DCTSP - Control
Control Type: FABRIC FILTER

Emission Source/Control: DPFIR - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: FDB08 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: FDB09 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: FIDP2 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: HEPA2 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: HEPA3 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: HEPA4 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: HEPA5 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: MC001 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: PAN11 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: PC001 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: PC002 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: PC006 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: PC007 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: PC008 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER



Emission Source/Control: PC009 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: PDCLF - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: SCRB8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: P0001 - Process

Emission Source/Control: P0002 - Process

Emission Source/Control: P0003 - Process

Emission Source/Control: P0005 - Process

Emission Source/Control: P0013 - Process

Emission Source/Control: P0015 - Process

Emission Source/Control: P0016 - Process

Emission Source/Control: P0017 - Process

Emission Source/Control: P0018 - Process

Emission Source/Control: P0020 - Process

Emission Source/Control: P0021 - Process

Emission Source/Control: P0022 - Process

Emission Source/Control: P0023 - Process

Emission Source/Control: P0024 - Process

Emission Source/Control: P0034 - Process

Emission Source/Control: P0035 - Process

Emission Source/Control: P0036 - Process

Emission Source/Control: P0037 - Process

Emission Source/Control: P0038 - Process

Emission Source/Control: P0039 - Process

Emission Source/Control: P0040 - Process

Emission Source/Control: P0041 - Process



- Emission Source/Control: P0042 - Process
- Emission Source/Control: P0043 - Process
- Emission Source/Control: P0044 - Process
- Emission Source/Control: P0045 - Process
- Emission Source/Control: P0050 - Process
- Emission Source/Control: P0056 - Process
- Emission Source/Control: P0059 - Process
- Emission Source/Control: P0060 - Process
- Emission Source/Control: P0061 - Process
- Emission Source/Control: P0062 - Process
- Emission Source/Control: P0063 - Process
- Emission Source/Control: P0064 - Process
- Emission Source/Control: P0065 - Process
- Emission Source/Control: P0066 - Process
- Emission Source/Control: P0067 - Process
- Emission Source/Control: P0068 - Process
- Emission Source/Control: P0069 - Process
- Emission Source/Control: P0070 - Process
- Emission Source/Control: P0071 - Process
- Emission Source/Control: P0072 - Process
- Emission Source/Control: P0073 - Process
- Emission Source/Control: P0074 - Process
- Emission Source/Control: P0075 - Process
- Emission Source/Control: P0076 - Process
- Emission Source/Control: P0077 - Process
- Emission Source/Control: P0078 - Process



- Emission Source/Control: P0079 - Process
- Emission Source/Control: P0080 - Process
- Emission Source/Control: P0081 - Process
- Emission Source/Control: P0082 - Process
- Emission Source/Control: P0083 - Process
- Emission Source/Control: P0084 - Process
- Emission Source/Control: P0085 - Process
- Emission Source/Control: P0086 - Process
- Emission Source/Control: P0087 - Process
- Emission Source/Control: P0088 - Process
- Emission Source/Control: P0089 - Process
- Emission Source/Control: P0090 - Process
- Emission Source/Control: P0091 - Process
- Emission Source/Control: P0092 - Process
- Emission Source/Control: P0093 - Process
- Emission Source/Control: P0094 - Process
- Emission Source/Control: P0095 - Process
- Emission Source/Control: P0096 - Process
- Emission Source/Control: P0097 - Process
- Emission Source/Control: P0098 - Process
- Emission Source/Control: P0099 - Process
- Emission Source/Control: P00A5 - Process
- Emission Source/Control: P0100 - Process
- Emission Source/Control: P0101 - Process
- Emission Source/Control: P0102 - Process
- Emission Source/Control: P0103 - Process
- Emission Source/Control: P0104 - Process



- Emission Source/Control: P0105 - Process
- Emission Source/Control: P0106 - Process
- Emission Source/Control: P0107 - Process
- Emission Source/Control: P0108 - Process
- Emission Source/Control: P0109 - Process
- Emission Source/Control: P0110 - Process
- Emission Source/Control: P0111 - Process
- Emission Source/Control: P0112 - Process
- Emission Source/Control: P0113 - Process
- Emission Source/Control: P0114 - Process
- Emission Source/Control: P0115 - Process
- Emission Source/Control: P0116 - Process
- Emission Source/Control: P0117 - Process
- Emission Source/Control: P0118 - Process
- Emission Source/Control: P0119 - Process
- Emission Source/Control: P0120 - Process
- Emission Source/Control: P0121 - Process
- Emission Source/Control: P0122 - Process
- Emission Source/Control: P0123 - Process
- Emission Source/Control: P0124 - Process
- Emission Source/Control: P0125 - Process
- Emission Source/Control: P0126 - Process
- Emission Source/Control: P0127 - Process
- Emission Source/Control: P0128 - Process
- Emission Source/Control: P0129 - Process
- Emission Source/Control: P0130 - Process



- Emission Source/Control: P0131 - Process
- Emission Source/Control: P0132 - Process
- Emission Source/Control: P0133 - Process
- Emission Source/Control: P0134 - Process
- Emission Source/Control: P0135 - Process
- Emission Source/Control: P0136 - Process
- Emission Source/Control: P0137 - Process
- Emission Source/Control: P0138 - Process
- Emission Source/Control: P0139 - Process
- Emission Source/Control: P0140 - Process
- Emission Source/Control: P0141 - Process
- Emission Source/Control: P0142 - Process
- Emission Source/Control: P0150 - Process
- Emission Source/Control: P0151 - Process
- Emission Source/Control: P0152 - Process
- Emission Source/Control: P0153 - Process
- Emission Source/Control: P0154 - Process
- Emission Source/Control: P0155 - Process
- Emission Source/Control: P0156 - Process
- Emission Source/Control: P0157 - Process
- Emission Source/Control: P0158 - Process
- Emission Source/Control: P0159 - Process
- Emission Source/Control: P0160 - Process
- Emission Source/Control: P0161 - Process
- Emission Source/Control: P0162 - Process
- Emission Source/Control: P0163 - Process
- Emission Source/Control: P0164 - Process



Emission Source/Control: P0165 - Process

Emission Source/Control: P0166 - Process

Emission Source/Control: P0167 - Process

Item 30.17(From Mod 1):

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

Emission Unit: R-00002

Process: R02

Source Classification Code: 3-15-030-01

Process Description:

Production exhaust systems used in the manufacturing of pharmaceutical products for clinical use in patients and emitting 33 pound per day VOC or less. The sources may also operate as exempt R&D sources.

Emission Source/Control: R0237 - Process

Emission Source/Control: R0238 - Process

Emission Source/Control: R0239 - Process

Emission Source/Control: R0240 - Process

Item 30.18(From Mod 1):

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

Emission Unit: R-00003

Process: R01

Source Classification Code: 3-15-030-01

Process Description:

Formulation development operations in Building 230. VOC emissions are capped at 0.21 tons per year. Both aqueous based and solvent based development activities may be performed. Occasionally, pharmaceutical products may be manufactured for use in patients for clinical study. For all operations, the VOC control system may be by-passed, except when the batch VOC emission rate for the process equipment exceeds one pound per day, or when VOC emissions in any calendar day exceed one pound. The VOC control system is not operated when VOC's are not processed

Emission Source/Control: RC003 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: RC004 - Control

Control Type: FABRIC FILTER

Emission Source/Control: RC005 - Control

Control Type: FABRIC FILTER

Emission Source/Control: RC006 - Control



Control Type: FABRIC FILTER

Emission Source/Control: RC007 - Control

Control Type: FABRIC FILTER

Emission Source/Control: RCH01 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: RCH02 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: RCH03 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: RCH04 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: RCH05 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: R0146 - Process

Emission Source/Control: R0147 - Process

Emission Source/Control: R0151 - Process

Emission Source/Control: R0152 - Process

Emission Source/Control: R0154 - Process

Item 30.19(From Mod 1):

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

Emission Unit: R-00005

Process: R08

Source Classification Code: 3-01-060-01

Process Description:

PHARMACEUTICAL MANUFACTURING EXEMPT
DISTILLATION OPERATIONS AND/OR VACUUM DRYER
SOURCES MAY BE USED FOR COMMERCIAL
PRODUCTION, PRODUCTION FOR CLINICAL STUDIES
OR EXEMPT R&D. VOC EMISSION RATE
POTENTIAL LESS THAN 15 POUNDS PER DAY.

Emission Source/Control: R0249 - Process

Emission Source/Control: R0257 - Process

Emission Source/Control: R0258 - Process

Emission Source/Control: R0267 - Process

Emission Source/Control: R0269 - Process



Item 30.20(From Mod 1):

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

Emission Unit: R-00005

Process: R09

Source Classification Code: 3-01-060-01

Process Description:

PHARMACEUTICAL MANUFACTURING CENTRIGUES
CONTAINING VOC'S AND FILTERS WITH EXPOSED
LIQUID SURFACE WHERE THE LIQUID CONTAINES
VOLATILE ORGANIC COMPOUNDS (VOC'S) AND
EXERTS A TOTAL VAPOR PRESSURE OF 0.5 PSI OR
MORE AT 20 DEG C. MAY ALSO OPERATE AS
EXEMPT R& D SOURCES.

Emission Source/Control: R0250 - Process

Emission Source/Control: R0259 - Process

Item 30.21(From Mod 1):

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

Emission Unit: R-00005

Process: R10

Source Classification Code: 3-01-060-01

Process Description:

PARM. MANUFACTURING VOC PROCESS TANKS.
SOURCES MAY BE USED FOR COMMERCIAL
PRODUCTION, PRODUCTION FOR CLINICAL STUDIES
OR EXEMPT R&D.

Emission Source/Control: R0251 - Process

Emission Source/Control: R0252 - Process

Emission Source/Control: R0253 - Process

Emission Source/Control: R0254 - Process

Emission Source/Control: R0256 - Process

Item 30.22(From Mod 1):

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

Emission Unit: R-00005

Process: R11

Source Classification Code: 3-01-060-01

Process Description:

PHARM. MANUFACTURING PRODUCTION EXHAUST
SYSTEMS WITH VOC EMISSIONS THAT ARE LESS
THAN 33 LBS/DAY. SOURCES MAY ALSO OPERATE
AS EXEMPT R&D SOURCES.

Emission Source/Control: R0255 - Process

Emission Source/Control: R0256 - Process



Emission Source/Control: R0259 - Process

Emission Source/Control: R0262 - Process

Emission Source/Control: R0263 - Process

Emission Source/Control: R0264 - Process

Emission Source/Control: R0265 - Process

Emission Source/Control: R0266 - Process

Item 30.23(From Mod 1):

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

Emission Unit: R-00005

Process: R12

Source Classification Code: 3-01-060-01

Process Description:

AQUEOUS BASED PHARMACEUTICAL MANUFACTURING FOR SALE. ALSO INCLUDES PHARMACEUTICAL MANUFACTURING FOR SALE WHERE SMALL QUANTITIES OF VOC'S (LESS THAN ONE POUND PER DAY) MAY BE EMITTED. SOURCES MAY ALSO OPERATE AS EXEMPT R&D SOURCES.

Emission Source/Control: R0260 - Process

Emission Source/Control: R0261 - Process

Emission Source/Control: R0262 - Process

Emission Source/Control: R0263 - Process

Emission Source/Control: R0265 - Process

Emission Source/Control: R0266 - Process

Emission Source/Control: R0267 - Process

Emission Source/Control: R0268 - Process

Emission Source/Control: R0269 - Process

Emission Source/Control: R0270 - Process

Emission Source/Control: R0271 - Process

Emission Source/Control: R0272 - Process

Emission Source/Control: R0273 - Process

Item 30.24(From Mod 1):



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

Emission Unit: R-00005
Process: R13 Source Classification Code: 3-01-060-01
Process Description:
Commercial production of Pharmaceutical products or
intermediates with non-A rated, non-voc emissions.

Emission Source/Control: RCNO2 - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED
CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: R0249 - Process

Emission Source/Control: R0250 - Process

Emission Source/Control: R0251 - Process

Emission Source/Control: R0252 - Process

Emission Source/Control: R0253 - Process

Emission Source/Control: R0254 - Process

Emission Source/Control: R0255 - Process

Item 30.25(From Mod 1):

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

Emission Unit: R-00005
Process: R14 Source Classification Code: 3-01-060-01
Process Description:
Commercial production of Pharmaceutical products or
intermediates with non-A rated VOC and non-VOC emissions.
Emission rate potential less than 10 lbs/hour non-VOC,
less than or equal to 15 lbs/day VOC from equipment and
<33 lbs/day other VOC.

Emission Source/Control: RCNO2 - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED
CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: RCNO3 - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED
CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: R0256 - Process

Item 30.26(From Mod 1):

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

Emission Unit: W-00002
Process: 070 Source Classification Code: 3-01-060-99



Process Description:

PARTICULATE SOURCES/EXHAUST SYSTEMS WITH
PARTICULATE CONTROLS.

Emission Source/Control: WC007 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: W0042 - Process

Emission Source/Control: W0A42 - Process

Emission Source/Control: W0B42 - Process

Item 30.27(From Mod 1):

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

Emission Unit: W-00002

Process: 072

Source Classification Code: 3-01-060-08

Process Description:

PHARM. MFG PRODUCTION EXHAUST SYSTEMS
W/NON VOC EMISSIONS.

Emission Source/Control: WC007 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: W0003 - Process

Emission Source/Control: W0004 - Process

Emission Source/Control: W0029 - Process

Emission Source/Control: W0033 - Process

Emission Source/Control: W0036 - Process

Emission Source/Control: W0037 - Process

Emission Source/Control: W0039 - Process

Emission Source/Control: W0042 - Process

Emission Source/Control: W0091 - Process

Emission Source/Control: W00A3 - Process

Emission Source/Control: W00B3 - Process

Emission Source/Control: W00C3 - Process

Emission Source/Control: W0A42 - Process

Emission Source/Control: W0B42 - Process



Emission Source/Control: WM010 - Process

Item 30.28(From Mod 1):

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

Emission Unit: W-00002

Process: 074

Source Classification Code: 3-01-060-99

Process Description:

PROCESS TANKS AND OTHER EQUIPMENT WITH
NON-VOC EMISSIONS.

Emission Source/Control: WC007 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: W0003 - Process

Emission Source/Control: W0004 - Process

Emission Source/Control: W0032 - Process

Emission Source/Control: W0042 - Process

Emission Source/Control: W0047 - Process

Emission Source/Control: W0086 - Process

Emission Source/Control: W0087 - Process

Emission Source/Control: W0088 - Process

Emission Source/Control: W0089 - Process

Emission Source/Control: W0090 - Process

Emission Source/Control: W0093 - Process

Emission Source/Control: W0094 - Process

Emission Source/Control: W0095 - Process

Emission Source/Control: W00A3 - Process

Emission Source/Control: W00B3 - Process

Emission Source/Control: W00C3 - Process

Emission Source/Control: W0A32 - Process

Emission Source/Control: W0A42 - Process

Emission Source/Control: W0A79 - Process

Emission Source/Control: W0B32 - Process



Emission Source/Control: W0B79 - Process

Condition 31: Emission Unit Permissible Emissions
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-7

Item 31.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: F-00002

CAS No: 0NY210000 (From Mod 1)

Name: OXIDES OF NITROGEN

PTE(s): 684,000 pounds per year

Condition 1-6: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 227-2.4(b)(1)

Item 1-6.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00001

Regulated Contaminant(s):

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

Item 1-6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limits for large boilers, where compliance with the specific emission limit is verified through stack testing, upon request by the Department.

Upper Permit Limit: 0.3 pounds per million Btus

Reference Test Method: Method 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-7: Capping Monitoring Condition
Effective between the dates of 05/18/2009 and 10/13/2013



Applicable Federal Requirement:6NYCRR 201-7

Replaces Condition(s) 34

Item 1-7.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 1-7.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-7.3:

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.

Item 1-7.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-7.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-7.6:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 1-7.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Combined NOx Emissions will not exceed 342 tons per year during any twelve consecutive month period.



Manufacturer Name/Model Number: CEM
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 342 tons per year
Reference Test Method: EPA Approved
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 231-2.2(b)

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Boilers firing No. 2 fuel oil is limited to a maximum
of 1440 hours during any twelve consecutive months.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 1440 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 36: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 231-2.2(b)

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):



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

Item 36.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No. 2 fuel oil usage in the two boilers shall not exceed
1,040,884 gallons during any twelve month period.

Work Practice Type: PROCESS MATERIAL THRUPUT

Upper Permit Limit: 1040884 gallons per year

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 37: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 231-2.2(b)

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Turbines firing No. 2 fuel oil is limited to a maximum
of 2160 hours during any twelve consecutive months.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 2160 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 38: Compliance Certification



Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 231-2.2(b)

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No. 2 fuel oil usage in the two turbines shall not exceed
1,734,306 gallons during any twelve month period.

Parameter Monitored: FUEL OIL #2

Upper Permit Limit: 1734306 gallons per year

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-8: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21(c), Subpart a

Item 1-8.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 1-8.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limits per turbine of 65 ppm (by volume, dry,
corrected to 15% O₂) and 56 lbs/hr calculated from CEM
data utilizing air flow meters and concentrations. These
conditions and monitoring apply during normal operation.



Manufacturer Name/Model Number: CEM
Upper Permit Limit: 65 parts per million by volume (dry,
corrected to 15% O₂)
Reference Test Method: EPA Approved
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 1-9: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21(c), Subpart a

Item 1-9.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 1-9.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM-10 Emission limits per stack of 4.0 lb/hr. Compliance with the emission limit is verified through stack testing upon the request of the Department. Compliance is based on the average of three one hour runs.

Upper Permit Limit: 4.0 pounds per hour

Reference Test Method: Method 201, 201A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 40: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):



CAS No: ONY075-00-0 PARTICULATES

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate Emission limits per stack of 4.6 lb/hr.
Compliance with the emission limit is verified through
stack testing upon the request of the department.
Compliance is based on the average of three one hour
runs.

Upper Permit Limit: 4.6 pounds per hour

Reference Test Method: 201, 201A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 41: **Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 10/14/2008 and 10/13/2013**

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 41.1:

This Condition applies to:

Emission Unit: F00005

Item 41.1:

This Condition applies to Emission Unit: F-00002

Item 41.2.3:

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 1-10: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013**

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 1-10.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Item 1-10.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

Each time fuel is delivered to the feed tank, supplier certification of sulfur content will be received and used to demonstrate that the sulfur content does not exceed 0.3%.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 42: Compliance Certification
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:40CFR 60.334(a), NSPS Subpart GG

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous monitoring of turbine fuel consumption (flow) and water injection rate (flow). The water to fuel ratio is calculated on a pound per pound basis using the density of water and fuel. This condition applies during normal operations.

Manufacturer Name/Model Number: CEM

Lower Permit Limit: 0.9 pounds of water per pound of fuel

Reference Test Method: metered

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-11: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 60.334(i)(1), NSPS Subpart GG

Item 1-11.1:



The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Item 1-11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Prior to delivery to the turbine oil feed tank, supplier analysis is received documenting that the fuel does not contain more than 0.3% sulfur.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-12: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 43

Item 1-12.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Process: C01

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 1-12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limits per stack of 48 ppm (by volume, dry, corrected to 15% O₂) and 13 lbs/hr is verified through stack testing, upon the request of the Department. Compliance is based on the average of three one hour runs. The concentration corresponds to a water injection rate of 0.9 lbs of water/lb of fuel.

Upper Permit Limit: 48 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 1-13: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 44

Item 1-13.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002
Process: C01

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

Item 1-13.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emmission limits per stack of 42 ppm (by volume, dry, corrected to 15% O₂) and 18 lbs/hr calculated from CEM data utilizing air flow meters and concentrations. These conditions and monitoring apply during normal operation.

Manufacturer Name/Model Number: CEM

Upper Permit Limit: 42 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-14: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 45

Item 1-14.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002
Process: C02

Regulated Contaminant(s):



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

Item 1-14.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limits per stack of 42 ppm (by volume, dry, corrected to 15% O₂) and 38 lbs/hr calculated from CEM data utilizing air flow meters and concentrations. These conditions and monitoring apply during normal operation.

Manufacturer Name/Model Number: CEM

Upper Permit Limit: 42 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-15: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 46

Item 1-15.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Process: C02

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 1-15.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limits per stack of 48 ppm (by volume, dry, corrected to 15% O₂) and 19 lbs/hr is verified through stack testing, upon the request of the Department.

Compliance is base on the average of three one hour runs.

The concentration corresponds to a water injection rate of 0.9 lbs of water/lb of fuel.

Upper Permit Limit: 19 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-16: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 48

Item 1-16.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Process: C03

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 1-16.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limits per stack of 77 ppm (by volume, dry, corrected to 15% O₂) and 19 lbs/hr is verified through stack testing, upon the request of the Department.

Compliance is base on the average of three one hour runs.

The concentration corresponds to a water injection rate of 0.9 lbs of water/lb of fuel.

Upper Permit Limit: 77 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-17: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 47

Item 1-17.1:



The Compliance Certification activity will be performed for:

Emission Unit: F-00002
Process: C03

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

Item 1-17.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limits per stack of 65 ppm (by volume, dry, corrected to 15% O₂) and 26 lbs/hr calculated from CEM data utilizing air flow meters and concentrations. These conditions and monitoring apply during normal operation.

Manufacturer Name/Model Number: CEM

Upper Permit Limit: 65 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-18: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 50

Item 1-18.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002
Process: C04

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 1-18.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limits per stack of 77 ppm (by volume, dry, corrected to 15% O₂) and 25 lbs/hr is verified through stack testing, upon the request of the Department. Compliance is base on the average of three one hour runs.



The concentration corresponds to a water injection rate of 0.9 lbs of water/lb of fuel.

Upper Permit Limit: 77 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-19: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 48

Item 1-19.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Process: C04

Regulated Contaminant(s):

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

Item 1-19.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limits per stack of 65 ppm (by volume, dry, corrected to 15% O₂) and 56 lbs/hr calculated from CEM data utilizing air flow meters and concentrations. These conditions and monitoring apply during normal operation.

Manufacturer Name/Model Number: CEM

Upper Permit Limit: 65 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-20: Capping Monitoring Condition
Effective between the dates of 05/18/2009 and 10/13/2013



Applicable Federal Requirement:6NYCRR 201-7

Item 1-20.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 1-20.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-20.3:

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.

Item 1-20.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-20.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-20.6:

The Compliance Certification activity will be performed for:

Emission Unit: F-00003

Process: W03

Regulated Contaminant(s):

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

Item 1-20.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Combined NOx emissions will be less than 2.5 tons per year on an annual total rolled monthly determined by fuel use a surrogate. Fuel burned will not exceed 19,900 gallons per year. Records to be kept on site and made



available for inspection.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 1-21: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 1-21.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00003
Process: W03

Item 1-21.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-22: Capping Monitoring Condition
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-7

Item 1-22.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 1-22.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.



Item 1-22.3:

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.

Item 1-22.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-22.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-22.6:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005

Regulated Contaminant(s):

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

Item 1-22.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOx emissions shall not exceed 24.1 tons per year on a rolling monthly annual total calculated from fuel use.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-23: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 212.11(b)

Replaces Condition(s) 26

Item 1-23.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005



Item 1-23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The coolant temperature of refrigerated condensers shall be monitored when the source is operating with emissions.

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 7/30/2009.

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

Condition 1-24: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 227-2.4(c)(2)

Replaces Condition(s) 51

Item 1-24.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005

Regulated Contaminant(s):

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

Item 1-24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mid sized boilers firing gas only. Compliance with this emission limit must be determined with a one hour average in accordance with the provisions of section 227-2.6(a)(4) of this Subpart, upon request of the Department.

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: 7, 7E or 19 from CFR Part 60

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-25: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 227-2.4(c)(2)

Replaces Condition(s) 52



Item 1-25.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005

Regulated Contaminant(s):

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

Item 1-25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mid sized boilers firing distillate oil only. Compliance with this emission limit must be determined with a one hour average in accordance with the provisions of section 227-2.6(a)(4) of this Subpart, upon request of the Department.

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: 7, 7E or 19 from CFR Part 60

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-26: Compliance Certification

Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 1-26.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005

Item 1-26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each time fuel is delivered to the feed tank, supplier certification of sulfur content will be received and used to demonstrate that the sulfur content does not exceed 0.3%.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 1-27: Capping Monitoring Condition



Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-7

Item 1-27.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 1-27.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-27.3:

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.

Item 1-27.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-27.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-27.6:

The Compliance Certification activity will be performed for:

Emission Unit: F-00006

Regulated Contaminant(s):

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

Item 1-27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Combined NOx emissions are limited to 4000 pounds per year and surrogate fuel burned will be used to compute emissions. Records to be maintained on site.



Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 54: In-process tank requirements
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 233.3(f)

Item 54.1:

This Condition applies to:

Emission Unit: R00002

Emission Unit: R00003

Item 54.1:

This Condition applies to Emission Unit: R-00002

Item 54.2.3:

For in-process tanks containing a volatile organic compound, covers must be installed on openings to these tanks. Tank openings must remain covered unless production, sampling, maintenance, or inspection procedures require operator access.

Condition 55: Leak requirements
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 233.3(g)

Item 55.1:

This Condition applies to:

Emission Unit: R00002

Emission Unit: R00003

Emission Unit: R00005

Item 55.1:

This Condition applies to Emission Unit: R-00002

Item 55.2.3:

All leaks from which a liquid containing volatile organic compounds can be observed running or dripping must be repaired the first time the equipment is off-line for a period of time long enough to complete the repair, but not later than 15 days after the leak is discovered. If the leaking component cannot be repaired until the process is shut down, and a shut down cannot be done within the 15 days after the leak is detected, the leaking



component must then be repaired before the process is restarted.

Condition 56: Recordkeeping for leaks - Part 233.5(b)
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 233.5

Item 56.1:

This Condition applies to:

Emission Unit: R00002

Emission Unit: R00003

Emission Unit: R00005

Item 56.1:

This Condition applies to Emission Unit: R-00002

Item 56.2.3:

For any leak subject to Part 233.3(g), which cannot be readily repaired within one day after detection, the following records must be kept:

- (1) the name of the leaking equipment;
- (2) the date and time the leak is detected;
- (3) the action taken to repair the leak; and
- (4) the date and time the leak is repaired.

Condition 57: Capping Monitoring Condition
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable Federal Requirement:6NYCRR 201-7

Item 57.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 57.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 57.3:

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.

Item 57.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 57.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 57.6:

The Compliance Certification activity will be performed for:

Emission Unit: R-00003

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 57.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records to demonstrate that VOC emissions from the solvent processing rooms in Building 230 are less than 0.21 tons during any consecutive 12 month period are maintained on site. Records are made available for inspection upon request by regulatory agency.

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-28: Compliance Certification
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 233.3(a)

Item 1-28.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00003

Regulated Contaminant(s):



CAS No: 0NY998-00-0 VOC

Item 1-28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

During VOC processing when the control device is running, the exhaust TOC will be monitored continuously and recorded at intervals throughout the VOC processing operation(s). Records will be maintained on site, available for inspection. Copies may be provided upon request. For all operations, the VOC control system may be by-passed, except when the batch VOC emission rate for the process equipment exceeds one pound per day, or when VOC emissions in any calendar day exceed one pound, emissions are directed to the VOC control system. The VOC control system is not operated when VOC's are not processed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-29: In-process tank requirements
Effective between the dates of 05/18/2009 and 10/13/2013

Applicable Federal Requirement:6NYCRR 233.3(f)

Item 1-29.1:

This Condition applies to Emission Unit: R-00003

Item 1-29.2:

For in-process tanks containing a volatile organic compound, covers must be installed on openings to these tanks. Tank openings must remain covered unless production, sampling, maintenance, or inspection procedures require operator access.



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 58: Contaminant List
Effective between the dates of 10/14/2008 and 10/13/2013**

Applicable State Requirement:ECL 19-0301

Item 58.1:

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

CAS No: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 0NY075-00-0



Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

**Condition 59: Unavoidable noncompliance and violations
Effective between the dates of 10/14/2008 and 10/13/2013**

Applicable State Requirement:6NYCRR 201-1.4

Item 59.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment 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 commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.



(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) 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.

Condition 60: Air pollution prohibited
Effective between the dates of 10/14/2008 and 10/13/2013

Applicable State Requirement:6NYCRR 211.2

Item 60.1:

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.

