

New York State Department of Environmental Conservation
Facility DEC ID: 8343600031



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-3436-00031/00003
Effective Date: 09/01/2006 Expiration Date: No expiration date

Permit Issued To: WESTERN NEW YORK ENERGY LLC
PO BOX 188
MOUNT MORRIS, NY 14510-0188

Facility: SHELBY ETHANOL PLANT
BATES RD & MAPLE RIDGE RD
MEDINA, NY 14103

Contact: JOHN M SAWYER, JR
PO BOX 188
MOUNT MORRIS, NY 14510
(585) 658-3322

Description:

Initial Air State Facility Permit for a 57.75 million gallon per year ethanol fuel production facility using corn as the primary source of sugars fermented to produce ethanol.

This Permit restricts Shelby Ethanol Plant emissions to below the 6 NYCRR Part 201-6 (Title V) applicability thresholds for a Major Stationary Source: of 100 tons per year each of particulate matter (PM), carbon monoxide (CO), sulfur dioxide (SO₂), and oxides of nitrogen (NO_x); of 50 tons per year of volatile organic compounds (VOC), of 25 tons per year of all hazardous air pollutants (HAP) combined, and of 10 tons per year of any individual HAP substance.

The Permit also specifies stack testing to verify emission rates, and that records of emissions sufficient to document compliance must be maintained at the facility for a minimum of five years and must be made available with all supporting data to Department inspectors upon request.

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: DAVID L BIMBER
DIVISION OF ENVIRONMENTAL PERMITS
6274 EAST AVON LIMA RD
AVON, NY 14414-9519

FINAL

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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 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 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 and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 8
HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

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

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transfer of ownership.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

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 Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466



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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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PO BOX 188
MOUNT MORRIS, NY 14510-0188

Facility: SHELBY ETHANOL PLANT
BATES RD & MAPLE RIDGE RD
MEDINA, NY 14103

Authorized Activity By Standard Industrial Classification Code:
2869 - INDUSTRIAL ORGANIC CHEMICALS, NEC

Permit Effective Date: 09/01/2006

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- *1 6NYCRR 201-7.2: Capping Monitoring Condition
- 2 6NYCRR 229.4(a): Testing and monitoring requirements
- 3 6NYCRR 229.4(a): Testing and monitoring requirements
- 4 6NYCRR 229.4(b): Compliance Demonstration
- 5 6NYCRR 236.2(c): Compliance with Federal regulations
- 6 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 7 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification - if a COM is used
- 8 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 9 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 10 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 11 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 12 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 13 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 14 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 15 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 16 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver
- 17 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 18 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 19 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 20 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 21 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 22 40CFR 60.9, NSPS Subpart A: Availability of information.
- 23 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 24 40CFR 60.12, NSPS Subpart A: Circumvention.
- 25 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 26 40CFR 60.14, NSPS Subpart A: Modifications.
- 27 40CFR 60.15, NSPS Subpart A: Reconstruction
- 28 40CFR 60.482-1, NSPS Subpart VV: General Provisions

Emission Unit Level

- 29 6NYCRR 201-7.2: Emission Unit Permissible Emissions

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- 30 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
- 31 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
- 41 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 32 40CFR 60.44b(a)(1), NSPS Subpart Db: Standard for oxides of nitrogen.
- 33 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.



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- 34 40CFR 60.44b(j), NSPS Subpart Db: Performance test compliance.
- 35 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 36 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.
- 37 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam Generating Unit Operating Conditions
- 38 40CFR 60.482-10(c), NSPS Subpart VV: Emissions standards.
- 39 40CFR 60.486, NSPS Subpart VV: Recordkeeping.
- 40 40CFR 60.487, NSPS Subpart VV: Reporting.

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- 42 6NYCRR 229.3(e)(1): VOL fixed roof storage tank requirements
- 43 6NYCRR 229.5(d): Compliance Demonstration
- 44 40CFR 60.112b(a)(1), NSPS Subpart Kb: VOC standard for volatile organic liquid storage vessels equipped with a fixed roof in combination with a internal floating roof
- 45 40CFR 60.113b, NSPS Subpart Kb: Performance testing and procedures.
- 46 40CFR 60.115b(b), NSPS Subpart Kb: Compliance Demonstration
- 47 40CFR 60.115b(c), NSPS Subpart Kb: Reporting and Recordkeeping Requirements
- 48 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Demonstration
- 49 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Demonstration
- 50 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Demonstration
- 51 40CFR 60.116b(c), NSPS Subpart Kb: Compliance Demonstration
- 52 40CFR 60.482-1, NSPS Subpart VV: Compliance - flares
- 53 40CFR 60.482-1, NSPS Subpart VV: Delay of Repair
- 54 40CFR 60.482-1, NSPS Subpart VV: Difficult-to-Monitor Valves in G/V or LL Service
- 55 40CFR 60.482-1, NSPS Subpart VV: Unsafe-to-Monitor Valves in G/V or LL Service
- 56 40CFR 60.482-1, NSPS Subpart VV: Compliance Demonstration
- 57 40CFR 60.482-1, NSPS Subpart VV: Compliance Demonstration
- 58 40CFR 60.482-1, NSPS Subpart VV: Compliance Demonstration
- 59 40CFR 60.482-1, NSPS Subpart VV: Compliance Demonstration
- 60 40CFR 60.482-1, NSPS Subpart VV: Compliance Demonstration
- 61 40CFR 60.482-1, NSPS Subpart VV: Compliance Demonstration
- 62 40CFR 60.482-2(a), NSPS Subpart VV: Standards for light liquid service pumps
- 63 40CFR 60.482-2(c), NSPS Subpart VV: Leak detection.
- 64 40CFR 60.482-4(a), NSPS Subpart VV: Standards for pressure relief devices.
- 65 40CFR 60.482-4(b), NSPS Subpart VV: Leak detection.
- 66 40CFR 60.482-7(a), NSPS Subpart VV: Standards for valves in gas/vapor service.
- 67 40CFR 60.482-7(c), NSPS Subpart VV: Leak detection - monitoring.
- 68 40CFR 60.482-7(d), NSPS Subpart VV: Leak detection - repair.
- 69 40CFR 60.482-7(f), NSPS Subpart VV: Exemption.



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- 70 40CFR 60.482-7(g), NSPS Subpart VV: Exemption.
- 71 40CFR 60.482-7(h), NSPS Subpart VV: Exemption.
- 72 40CFR 60.482-8(a), NSPS Subpart VV: Monitoring requirements.
- 73 40CFR 60.482-8(c), NSPS Subpart VV: Leak detection - repair.
- 74 40CFR 60.482-9, NSPS Subpart VV: Allowable repair delays.
- 75 40CFR 60.482-9, NSPS Subpart VV: Allowable repair delays.
- 76 40CFR 60.482-9, NSPS Subpart VV: Allowable repair delays.
- 77 40CFR 60.482-9, NSPS Subpart VV: Allowable repair delays.
- 78 40CFR 60.482-9, NSPS Subpart VV: Allowable repair delays.
- 79 40CFR 60.482-10(c), NSPS Subpart VV: Emissions standards.
- 80 40CFR 60.482-10(d), NSPS Subpart VV: Compliance - flares
- 81 40CFR 60.486, NSPS Subpart VV: Recordkeeping.
- 82 40CFR 60.487, NSPS Subpart VV: Reporting.

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- 83 40CFR 60.482-1, NSPS Subpart VV: Compliance - flares
- 84 40CFR 60.482-10(d), NSPS Subpart VV: Compliance - flares
- 85 40CFR 60.486, NSPS Subpart VV: Recordkeeping.
- 86 40CFR 60.487, NSPS Subpart VV: Reporting.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 87 ECL 19-0301: Contaminant List
- 88 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 89 6NYCRR 201-5: Emission Unit Definition
- 90 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 91 6NYCRR 201-5: Emission Point Definition By Emission Unit

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- 92 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 93 6NYCRR 212.4(c): Compliance Demonstration

EU=U-00S30

- 94 6NYCRR 212.4(c): Compliance Demonstration

EU=U-00S40

- 95 6NYCRR 212.4(c): Compliance Demonstration

EU=U-00S50

- 96 6NYCRR 212.4(c): Compliance Demonstration

EU=U-00S60

- 97 6NYCRR 212.4(c): Compliance Demonstration

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98 6NYCRR 212.4(c): Compliance Demonstration

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99 6NYCRR 212.4(c): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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

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

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

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 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



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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item L: Open Fires - 6 NYCRR Part 215

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

Item M: 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



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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 N: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Capping Monitoring Condition
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 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:

6NYCRR 201-6.1(a)

Item 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 1.3:

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,



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regulations or law.

Item 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 1.5:

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 1.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0	CARBON MONOXIDE
CAS No: 007446-09-5	SULFUR DIOXIDE
CAS No: 0NY075-00-0	PARTICULATES
CAS No: 0NY998-00-0	VOC
CAS No: 0NY100-00-0	HAP
CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 1.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility shall maintain air contaminant emissions below major source thresholds. This shall be demonstrated by record keeping of emission monitoring device data, and/or appropriate production activities. The correlation of air contaminant emissions to emission monitoring data and appropriate production activities shall be established by source testing using approved USEPA test methods. Compliance shall be determined using annual average emissions rolled monthly. The annual average limit for oxides of nitrogen, sulfur dioxide, particulates and carbon monoxide is 100 tons, for volatile organic compounds (VOC) is 50 tons, and for hazardous air pollutants (HAPs) is 10 tons for any individual HAP and 25 tons total HAPs.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 2: Testing and monitoring requirements
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 229.4(a)

Item 2.1:

The owner and/or operator of a vapor collection and control system must follow notification requirements, protocol requirements, and test procedures of Part 202 of this title for testing and monitoring to determine compliance with the emission limits and control requirements required of this Part.

Condition 3: Testing and monitoring requirements
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 229.4(a)

Item 3.1:

Any facility which is not subject to the control requirements of this Part because its annual potential to emit volatile organic compounds are below the applicability levels, must maintain records in a format acceptable to the commissioner's representative that verify the facility's annual potential to emit VOC. Upon request, these records must be submitted to the department.

Condition 4: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 229.4(b)

Item 4.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Capping recordkeeping requirements

Monitoring Frequency: ANNUALLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Condition 5: Compliance with Federal regulations
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 236.2(c)

Item 5.1:

Components subject to Federal regulations which require either an equal or more stringent leak detection and repair program, or equal or more stringent equipment specifications, are deemed to be in compliance with the provisions of this Part contingent on the source owner or operator complying with such Federal regulations.

Condition 6: EPA Region 2 address.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 6.1:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

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

Condition 7: Date of Construction Notification - if a COM is used
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A

Item 7.1:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days



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after such date;

3) a notification of the actual date of initial start up, post marked within 15 days after such date;

4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;

5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;

6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date, if a continuous opacity monitor is not being used at the facility; and

7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, post marked not less than 30 days prior to the performance test.

Condition 8: Modification Notification
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A

Item 8.1:

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

Condition 9: Recordkeeping requirements.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A

Item 9.1:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution



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control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 10: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(c), NSPS Subpart A

Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each calendar quarter (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 11: Excess emissions report.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(d), NSPS Subpart A

Item 11.1:

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 12: Monitoring frequency waiver.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(e), NSPS Subpart A

Item 12.1: Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.

Condition 13: Facility files for subject sources.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A

Item 13.1:

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 14: Notification Similar to State or Local Agency
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(g), NSPS Subpart A

Item 14.1:

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).



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Condition 15: Performance testing timeline.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(a), NSPS Subpart A

Item 15.1:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 16: Performance Test Methods - Waiver
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A

Item 16.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

Condition 17: Performance test methods.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A

Item 17.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 18: Required performance test information.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(c), NSPS Subpart A

Item 18.1:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operator of the facility.

Condition 19: Prior notice.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(d), NSPS Subpart A

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Item 19.1:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 20: Performance testing facilities.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(e), NSPS Subpart A

Item 20.1:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 21: Number of required tests.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(f), NSPS Subpart A

Item 21.1:

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 22: Availability of information.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 22.1:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

Condition 23: Opacity standard compliance testing.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 23.1:

The following conditions shall be used to determine compliance with the opacity standards:

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1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60 (or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

Condition 24: Circumvention.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 24.1:

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 25: Monitoring requirements.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 25.1:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 26: Modifications.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 26.1:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 27: Reconstruction

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 27.1:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section



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60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 28: General Provisions
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 28.1:

Each owner and operator shall demonstrate compliance with all of the applicable requirements of 40 CFR 60-VV.482 within 180 days of initial startup. Compliance shall be determined by review of records and reports, review of performance test results, and inspections using methods and procedures acceptable to the Administrator.

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

Condition 29: Emission Unit Permissible Emissions
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 29.1:

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: U-00S10

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CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 22.77 pounds per hour
196,720 pounds per year

Emission Unit: U-00S50

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 0.37 pounds per hour
240 pounds per year

Emission Unit: U-00S60

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 2.37 pounds per hour
1,260 pounds per year

Emission Unit: U-0S110

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 0.2 pounds per hour
100 pounds per year

Emission Unit: U-00S10

CAS No: 007446-09-5
Name: SULFUR DIOXIDE
PTE(s): 9.91 pounds per hour
85,620 pounds per year

Emission Unit: U-0S110

CAS No: 007446-09-5
Name: SULFUR DIOXIDE
PTE(s): 0.4 pounds per hour
200 pounds per year

Emission Unit: U-00F80

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 1.56 pounds per hour
13,700 pounds per year

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Emission Unit: U-00S10

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 4.34 pounds per hour
37,480 pounds per year

Emission Unit: U-00S20

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 3.51 pounds per hour
30,290 pounds per year

Emission Unit: U-00S30

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 1.73 pounds per hour
14,942 pounds per year

Emission Unit: U-00S40

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 0.03 pounds per hour
280 pounds per year

Emission Unit: U-00S70

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 2.47 pounds per hour
21,366 pounds per year

Emission Unit: U-00S90

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 0.34 pounds per hour
2,916 pounds per year

Emission Unit: U-0S110

CAS No: 0NY075-00-0
Name: PARTICULATES
PTE(s): 0.08 pounds per hour

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40 pounds per year

Emission Unit: U-00S10

CAS No: 0NY100-00-0

Name: HAP

PTE(s): 1.16 pounds per hour
10,020 pounds per year

Emission Unit: U-00S40

CAS No: 0NY100-00-0

Name: HAP

PTE(s): 1.81 pounds per hour
15,640 pounds per year

Emission Unit: U-00S50

CAS No: 0NY100-00-0

Name: HAP

PTE(s): 0.01 pounds per hour
100 pounds per year

Emission Unit: U-00S70

CAS No: 0NY100-00-0

Name: HAP

PTE(s): 0.24 pounds per hour
2,040 pounds per year

Emission Unit: U-0S100

CAS No: 0NY100-00-0

Name: HAP

PTE(s): 0.03 pounds per hour
220 pounds per year

Emission Unit: U-00S10

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 21.55 pounds per hour
188,160 pounds per year

Emission Unit: U-00S50

CAS No: 0NY210-00-0



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Name: OXIDES OF NITROGEN
PTE(s): 0.068 pounds per hour
120 pounds per year

Emission Unit: U-00S60

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 0.44 pounds per hour
300 pounds per year

Emission Unit: U-0S110

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 3.44 pounds per hour
1,720 pounds per year

Emission Unit: U-00S10

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 2.17 pounds per hour
18,740 pounds per year

Emission Unit: U-00S40

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 2.77 pounds per hour
23,920 pounds per year

Emission Unit: U-00S50

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 0.052 pounds per hour
260 pounds per year

Emission Unit: U-00S60

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 0.33 pounds per hour
180 pounds per year

Emission Unit: U-00S70



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Facility DEC ID: 8343600031

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 2.17 pounds per hour
18,740 pounds per year

Emission Unit: U-0S100

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 2.54 pounds per hour
21,920 pounds per year

Emission Unit: U-0S110

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 0.08 pounds per hour
40 pounds per year

Condition 30: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S10

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 30.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent



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Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 31: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S10

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

Item 31.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 41: Particulate matter and opacity exemption.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43b(g), NSPS Subpart Db

Item 41.1:



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This Condition applies to Emission Unit: U-00S10

Item 41.2:

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Condition 32: Standard for oxides of nitrogen.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 32.1:

This Condition applies to Emission Unit: U-00S10

Item 32.2:

Oxides of nitrogen emissions while firing natural gas or distillate oil in low heat release rate units shall not exceed 0.10 lb/mmBtu.

Condition 33: Applicability of oxides of nitrogen standard.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db

Item 33.1:

This Condition applies to Emission Unit: U-00S10

Item 33.2:

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 34: Performance test compliance.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44b(j), NSPS Subpart Db

Item 34.1:

This Condition applies to Emission Unit: U-00S10

Item 34.2:

Compliance with the initial performance test for nitrogen oxide shall be based on a 24 hour average, subsequent performance tests will be based on a 3 hour average.

Condition 35: Alternative monitoring for oxides of nitrogen.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.48b(g), NSPS Subpart Db



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Item 35.1:

This Condition applies to Emission Unit: U-00S10

Item 35.2:

Facilities may monitor their affected unit then predict the oxides of nitrogen emission rate in accordance with a plan as specified in subdivision 40 CFR 60D-b.49b(c).

Condition 36: Recordkeeping and reporting requirements.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.49b, NSPS Subpart Db

Item 36.1:

This Condition applies to Emission Unit: U-00S10

Item 36.2:

This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

Condition 37: Plan for Monitoring of Steam Generating Unit Operating Conditions

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.49b(c), NSPS Subpart Db

Item 37.1:

This Condition applies to Emission Unit: U-00S10

Item 37.2:

The owner or operator of each affected facility subject to the nitrogen oxides standard of 40 CFR Part 60.44b who seeks to demonstrate compliance with those standards through the monitoring of steam generating unit operating conditions under the provisions of 40 CFR Part 60.48b(g)(2) shall submit to the Administrator for approval a plan that identifies the operating conditions to be monitored under 40 CFR Part 60.48b(g)(2) and the records to be maintained under 40 CFR Part 60.49b(j). This plan shall be submitted to the Administrator for approval within 360 days of the initial startup of the affected facility. The plan shall:

(1) Identify the specific operating conditions to be monitored and the relationship between these operating conditions and nitrogen oxides emission rates (i.e., ng/J or lbs/million Btu heat input). Steam generating unit operating conditions include, but are not limited to, the degree of staged combustion (i.e., the ratio of primary air to secondary and/or tertiary air) and the level of excess air (i.e., flue gas oxygen level);

(2) Include the data and information that the owner or operator used to identify the relationship between nitrogen oxides emission rates and these operating conditions;

(3) Identify how these operating conditions, including steam generating unit load, will be



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monitored under 40 CFR Part 60.48b(g) on an hourly basis by the owner or operator during the period of operation of the affected facility; the quality assurance procedures or practices that will be employed to ensure that the data generated by monitoring these operating conditions will be representative and accurate; and the type and format of the records of these operating conditions, including steam generating unit load, that will be maintained by the owner or operator under 40 CFR Part 60.49b(j).

If the plan is approved, the owner or operator shall maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan.

Condition 38: Emissions standards.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-10(c), NSPS Subpart VV

Item 38.1:

This Condition applies to Emission Unit: U-00S10

Item 38.2:

Enclosed combustion devices shall be designed and operated to reduce the VOC emissions vented to then with an efficiency of 95 percent or greater, or to provide a minimum residence time of 0.75 seconds at a minimum temperature of 816 degrees Celsius.

Condition 39: Recordkeeping.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.486, NSPS Subpart VV

Item 39.1:

This Condition applies to Emission Unit: U-00S10

Item 39.2:

Any owner or operator shall comply with all applicable recordkeeping requirements located in section 40 CFR 60-VV.486.

Condition 40: Reporting.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.487, NSPS Subpart VV

Item 40.1:

This Condition applies to Emission Unit: U-00S10

Item 40.2:

Any owner or operator shall submit a semiannual report to the Administrator, commencing 6 months after the initial startup date. These reports shall include all information required in section 40 CFR 60-VV.487.



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Condition 42: VOL fixed roof storage tank requirements
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 229.3(e)(1)

Item 42.1:

This Condition applies to Emission Unit: U-00S50

Item 42.2:

For a fixed roof storage tank storing volatile organic liquids, the tank must be equipped with an internal floating roof with a liquid-mounted primary seal and gasket fittings or equivalent control. Replacement of other than liquid-mounted seals is to be performed when the tank is cleaned and gas-free for other purposes.

Condition 43: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 229.5(d)

Item 43.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 43.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a volatile organic liquid storage tank that is subject to 6NYCRR Part 229 must maintain a record of the capacity (in gallons) of the volatile organic liquid storage tank at the facility.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 44: VOC standard for volatile organic liquid storage vessels equipped with a fixed roof in combination with an internal floating roof
Effective between the dates of 09/01/2006 and Permit Expiration Date



Applicable Federal Requirement: 40CFR 60.112b(a)(1), NSPS Subpart Kb

Item 44.1:

This Condition applies to Emission Unit: U-00S50

Item 44.2:

The owner or operator of each storage vessel which meets the applicability criteria listed in 40 CFR 60.112b(a) and is equipped with a fixed roof in combination with an internal floating roof shall meet the following specifications:

(i) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

(ii) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

(A) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid- filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

(B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

(C) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(iii) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.

(iv) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.

(v) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.

(vi) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.

(vii) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

(viii) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.

(ix) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

Condition 45: Performance testing and procedures.



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Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.113b, NSPS Subpart Kb

Item 45.1:

This Condition applies to Emission Unit: U-00S50

Item 45.2:

The owner or operators of an affected storage vessel shall conduct performance testing in accordance with the test methods and procedures specified in section 40 CFR 60-Kb.113b.

Condition 46: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.115b(b), NSPS Subpart Kb

Item 46.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 46.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep a record of each gap measurement performed to monitor the external floating roof. Each record shall identify the storage vessel in which the measurement was performed and shall contain:

1. The date of measurement.
2. The raw data obtained in the measurement.
3. The calculations used to determine compliance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 47: Reporting and Recordkeeping Requirements

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.115b(c), NSPS Subpart Kb

Item 47.1:



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This Condition applies to Emission Unit: U-00S50

Item 47.2:

The owner or operator shall keep the following records

- (1) A copy of the operating plan.
- (2) A record of the measured values of the parameters monitored in accordance with section 60.113b(c)(2).

Condition 48: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

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

Item 48.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 49: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

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

Item 49.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

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Facility DEC ID: 8343600031



Item 49.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept on site for the life of the storage vessel.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 50: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

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

Item 50.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Item 50.2:

Compliance Demonstration 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: UPON REQUEST BY REGULATORY AGENCY

Condition 51: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

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

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Permit ID: 8-3436-00031/00003

Facility DEC ID: 8343600031



Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 51.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. These records shall be kept on site for a minimum of 2 years.

Note: The above time frames are new source performance standards (NSPS) requirements. Other Title V permit requirements pursuant to 6 NYCRR 201-6.5(c)(2) requires these records to be maintained for at least five (5) years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 52: Compliance - flares

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 52.1:

This Condition applies to Emission Unit: U-00S50

Item 52.2:

Flares used to comply with 40 CFR 60 Subpart VV shall comply with the requirements of 40 CFR 60.18 which specify design and operation parameters.

Condition 53: Delay of Repair

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV



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Item 53.1:

This Condition applies to Emission Unit: U-00S50

Item 53.2:

Pursuant to §60.482-9, delay of repair of equipment for which leaks have been detected will be allowed if the repair is technically infeasible without a process unit shutdown. repair of this equipment shall occur before the end of the next process unit shutdown.

Item 53.3:

Delay of repair of equipment will be allowed for equipment which is isolated from the process and which does not remain in VOC service.

Item 53.4:

Delay of repair for valves will be allowed if:

- a) the owner or operator demonstrates that emissions of purged material resulting from immediate repair are greater than the fugitive emissions likely to result from delay of repair, and
- b) when repair procedures are effected, the purged material is collected and destroyed or recovered in a control device complying with §60.482-10.

Item 53.5:

Delay of repair for pumps will be allowed if:

- a) repair requires the use of a dual mechanical seal system that includes a barrier fluid system, and
- b) repair is completed as soon as practicable, but not later than 6 months after the leak was detected.

Item 53.6:

Delay of repair beyond a process unit shutdown will be allowed for a valve, if valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the next process unit shutdown will not be allowed unless the next process unit shutdown occurs sooner than 6 months after the first process unit shutdown.

Condition 54: Difficult-to-Monitor Valves in G/V or LL Service

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 54.1:

This Condition applies to Emission Unit: U-00S50

Item 54.2:

Any valve that is designated as unsafe to monitor under §60.482-7(h) and 486(f)(2), is exempt from monthly leak detection requirements if:

- a) the owner or operator of the valve demonstrates that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface,
- b) the process unit within which the valve is located either becomes an affected facility through §60.14 or §60.15 or the owner or operator designates less than 3.0 percent of the total number of valves as difficult to monitor, and



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c) the owner or operator of the valve adheres to a written plan that requires the valve to be monitored at least once per calendar year.

**Condition 55: Unsafe-to-Monitor Valves in G/V or LL Service
Effective between the dates of 09/01/2006 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 55.1:

This Condition applies to Emission Unit: U-00S50

Item 55.2:

Any valve that is designated as unsafe to monitor under §60.482-7(g) and 486(f)(1), is exempt from monthly leak detection requirements if:

- a) the owner or operator of the valve demonstrates that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with §60.482-7(a), and
- b) the owner or operator of the valve adheres to a written plan that requires the valve to be monitored as frequently as practicable during safe-to-monitor times.

**Condition 56: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 56.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 56.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Vapor recovery systems shall be designed and operated to recover the VOC emissions vented to them with an efficiency of 95 percent or greater.

An initial compliance test is required pursuant to §§60.8 and 60.485(a)

Parameter Monitored: VOC

Lower Permit Limit: 95 percent reduction by weight



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Permit ID: 8-3436-00031/00003

Facility DEC ID: 8343600031

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 57: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 57.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 57.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

1) Pursuant to §60.482-4, except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the methods specified in §60.485(c).

2) No later than 5 calendar days after the pressure release, the pressure relief device shall be monitored to confirm the conditions of no detectable emissions as indicated by an instrument reading of less than 500 ppm above background, by the methods specified in §60.485(c).

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 500 parts per million (by volume)

Reference Test Method: 40CFR60 Method 21

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 03/30/2007 for the period 09/01/2006 through 02/28/2007



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Permit ID: 8-3436-00031/00003

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Condition 58: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 58.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 58.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

- 1) Pursuant to §60.482-2, each pump in light liquid service shall be monitored monthly to detect leaks by the methods specified in §60.485(b), except pumps with dual mechanical seals under §482-2(d), pumps designated for no detectable emissions under §482-2(e), and pumps equipped with a closed vent system under §482-2(f). If an instrument reading of 10,000 ppm or greater is measured, a leak is detected.
- 2) Each pump in light liquid service shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal. If there are any such indications, a leak is detected.
- 3) When a leak is detected it shall be repaired as soon as practicable, but no later than 15 calendar days after it is detected, except as provided in §60.482-9 (Delay of Repair). A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 10,000 parts per million (by volume)

Reference Test Method: 40CFR60 Method 21

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 03/30/2007 for the period 09/01/2006 through 02/28/2007

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Condition 59: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 59.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 59.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Any pump designated for no detectable emissions under paragraph 60.482-2(e), as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of paragraphs 60.482-2(a), (c), and (d) if the pump:

- 1) Has no externally actuated shaft penetrating the pump housing,
- 2) is demonstrated to be operating with no detectable emissions as indicated by an instrument reading less than 500 ppm above background as measured by the methods specified in §60.485(c), and
- 3) is tested for compliance with the 500 ppm limit upon designation, annually, and at other times requested by the Administrator.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 500 parts per million (by volume)

Reference Test Method: 40CFR60 Method 21

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 03/30/2007 for the period 09/01/2006 through 02/28/2007

Condition 60: Compliance Demonstration



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Permit ID: 8-3436-00031/00003

Facility DEC ID: 8343600031

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 60.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 60.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

1) Pursuant to §60.482-7, each valve in gas/vapor or light liquid service shall be monitored monthly by the methods specified in §60.485(b), except valves designated for no detectable emissions under §482-7(f), valves designated as unsafe to monitor under §482-7(g), and valves designated as difficult to monitor under §482-7(h). If an instrument reading of 10,000 ppm or greater is measured, a leak is detected.

2) Any valve for which a leak is not detected for 2 successive months may be monitored the first month of every quarter, beginning with the next quarter, until a leak is detected. If a leak is detected, the valve shall be monitored monthly until a leak is not detected for 2 successive months.

3) When a leak is detected it shall be repaired as soon as practicable, but no later than 15 calendar days after it is detected, except as provided in §60.482-9 (Delay of Repair). A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 10,000 parts per million (by volume)

Reference Test Method: 40CFR60 Method 21

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)



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Permit ID: 8-3436-00031/00003

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Initial Report Due: 03/30/2007 for the period 09/01/2006 through 02/28/2007

Condition 61: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 61.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 61.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Any valve designated for no detectable emissions under paragraph 60.482-7(f), as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of paragraphs 60.482-7(a) if the valve:

- 1) Has no externally actuating mechanism in contact with the process fluid,
- 2) Is operated with emissions less than 500 ppm above background as measured by the methods specified in §60.485(c), and
- 3) Is tested for compliance with the 500 ppm limit upon designation, annually, and at other times requested by the Administrator.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 500 parts per million (by volume)

Reference Test Method: 40CFR60 Method 21

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 03/30/2007 for the period 09/01/2006 through 02/28/2007

Condition 62: Standards for light liquid service pumps



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Permit ID: 8-3436-00031/00003

Facility DEC ID: 8343600031

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-2(a), NSPS Subpart VV

Item 62.1:

This Condition applies to Emission Unit: U-00S50

Item 62.2:

Each pump in light liquid service shall:

- 1) be monitored monthly, in accordance with the methods in Subpart 40 CFR 60-VV, and
- 2) be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal.

Condition 63: Leak detection.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-2(c), NSPS Subpart VV

Item 63.1:

This Condition applies to Emission Unit: U-00S50

Item 63.2:

When a leak is detected it shall be repaired as soon as practicable, but not later than 15 days after detection. A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

Condition 64: Standards for pressure relief devices.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-4(a), NSPS Subpart VV

Item 64.1:

This Condition applies to Emission Unit: U-00S50

Item 64.2:

Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of 500 ppm or less above background.

Condition 65: Leak detection.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-4(b), NSPS Subpart VV

Item 65.1:

This Condition applies to Emission Unit: U-00S50



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Permit ID: 8-3436-00031/00003

Facility DEC ID: 8343600031

Item 65.2:

After each pressure release, the pressure relief device shall be returned to a condition of no detectable emissions as indicated by instrument and monitor readings or 500 ppm or less above background no later than 5 calendar days after the pressure release.

Condition 66: Standards for valves in gas/vapor service.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-7(a), NSPS Subpart VV

Item 66.1:

This Condition applies to Emission Unit: U-00S50

Item 66.2:

Each valve shall be monitored monthly to detect leaks.

Condition 67: Leak detection - monitoring.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-7(c), NSPS Subpart VV

Item 67.1:

This Condition applies to Emission Unit: U-00S50

Item 67.2:

Any valve for which a leak is not detected for 2 successive months may be monitored the first month of every quarter, until a leak is detected. When a leak is detected the valve shall be monitored monthly until a leak is not detected for 2 consecutive months.

Condition 68: Leak detection - repair.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-7(d), NSPS Subpart VV

Item 68.1:

This Condition applies to Emission Unit: U-00S50

Item 68.2:

When a leak is detected it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected. A first attempt to repair shall be made no later than 5 calendar days after each leak is detected.

Condition 69: Exemption.
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-7(f), NSPS Subpart VV



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Permit ID: 8-3436-00031/00003

Facility DEC ID: 8343600031

Item 69.1:

This Condition applies to Emission Unit: U-00S50

Item 69.2:

Any valve that is designated for no detectable emissions, as indicated by an instrument reading of 500 ppm or less above background, is exempt from the requirements of paragraph 40 CFR 60- VV.482-7(a) if the valve:

- 1) has no external actuating mechanism in contact with the process fluid, and
- 2) is tested for compliance initially, annually, and at other times as requested by the Administrator.

Condition 70: Exemption.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-7(g), NSPS Subpart VV

Item 70.1:

This Condition applies to Emission Unit: U-00S50

Item 70.2:

Any valve that is designated as an unsafe-to-monitor valve is exempt from the requirements of paragraph 40 CFR 60-VV.482-7(a) if:

- 1) the owner or operator of the valve demonstrates that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of compliance, and
- 2) the owner or operator of the valve adheres to a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor periods.

Condition 71: Exemption.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-7(h), NSPS Subpart VV

Item 71.1:

This Condition applies to Emission Unit: U-00S50

Item 71.2:

Any valve that is designated as a difficult-to-monitor valve is exempt from the requirements of paragraph 40 CFR 60-VV.482-7(a) if:

- 1) the owner or operator of the valve demonstrates that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface,
- 2) the process unit within which the valve is located either becomes an affected facility or the owner or operator designates less than 3.0 percent of the valves in the facility as difficult-to-monitor, and

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3) the owner or operator of the valve follows a written plan that requires monitoring of the valve at least once per calendar year.

Condition 72: Monitoring requirements.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-8(a), NSPS Subpart VV

Item 72.1:

This Condition applies to Emission Unit: U-00S50

Item 72.2:

Pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and flanges and other connectors shall be monitored within 5 days if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method.

Condition 73: Leak detection - repair.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-8(c), NSPS Subpart VV

Item 73.1:

This Condition applies to Emission Unit: U-00S50

Item 73.2:

When a leak is detected it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected. A first attempt to repair shall be made no later than 5 calendar days after each leak is detected.

Condition 74: Allowable repair delays.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-9, NSPS Subpart VV

Item 74.1:

This Condition applies to Emission Unit: U-00S50

Item 74.2:

Delay of repair beyond a process unit shutdown will be allowed for a valve, if valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the next process unit shutdown will not be allowed unless the next process unit shutdown occurs sooner than 6 months after the first process unit shutdown.

Condition 75: Allowable repair delays.

Effective between the dates of 09/01/2006 and Permit Expiration Date

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Applicable Federal Requirement: 40CFR 60.482-9, NSPS Subpart VV

Item 75.1:

This Condition applies to Emission Unit: U-00S50

Item 75.2:

Delay of repair of equipment for which leaks have been detected will be allowed if the repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occur before the end of the next process unit shutdown.

Condition 76: Allowable repair delays.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-9, NSPS Subpart VV

Item 76.1:

This Condition applies to Emission Unit: U-00S50

Item 76.2:

Delay of repair for pumps will be allowed if:

- 1) repair requires the use of a dual mechanical seal system that includes a barrier fluid system, and
- 2) repair is completed as soon as practicable, but not later than 6 months after the leak was detected.

Condition 77: Allowable repair delays.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-9, NSPS Subpart VV

Item 77.1:

This Condition applies to Emission Unit: U-00S50

Item 77.2:

Delay of repair of equipment will be allowed for equipment which is isolated from the process and which does not remain in VOC service.

Condition 78: Allowable repair delays.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-9, NSPS Subpart VV

Item 78.1:

This Condition applies to Emission Unit: U-00S50

Item 78.2:



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Delay of repair for valves will be allowed if:

- 1) the owner or operator demonstrates that the emissions of purged materials resulting from immediate repair are greater than the fugitive emissions likely to result from delay of repair, and
- 2) when repair procedures are effected, the purged material is collected and destroyed in a control device.

Condition 79: Emissions standards.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-10(c), NSPS Subpart VV

Item 79.1:

This Condition applies to Emission Unit: U-00S50

Item 79.2:

Enclosed combustion devices shall be designed and operated to reduce the VOC emissions vented to then with an efficiency of 95 percent or greater, or to provide a minimum residence time of 0.75 seconds at a minimum temperature of 816 degrees Celsius.

Condition 80: Compliance - flares

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-10(d), NSPS Subpart VV

Item 80.1:

This Condition applies to Emission Unit: U-00S50

Item 80.2:

Flares used to comply with this subpart shall comply with the requirements of 40 CFR 60.18.

Condition 81: Recordkeeping.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.486, NSPS Subpart VV

Item 81.1:

This Condition applies to Emission Unit: U-00S50

Item 81.2:

Any owner or operator shall comply with all applicable recordkeeping requirements located in section 40 CFR 60-VV.486.

Condition 82: Reporting.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.487, NSPS Subpart VV

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Item 82.1:

This Condition applies to Emission Unit: U-00S50

Item 82.2:

Any owner or operator shall submit a semiannual report to the Administrator, commencing 6 months after the initial startup date. These reports shall include all information required in section 40 CFR 60-VV.487.

Condition 83: Compliance - flares

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-1, NSPS Subpart VV

Item 83.1:

This Condition applies to Emission Unit: U-00S60

Item 83.2:

Flares used to comply with 40 CFR 60 Subpart VV shall comply with the requirements of 40 CFR 60.18 which specify design and operation parameters.

Condition 84: Compliance - flares

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.482-10(d), NSPS Subpart VV

Item 84.1:

This Condition applies to Emission Unit: U-00S60

Item 84.2:

Flares used to comply with this subpart shall comply with the requirements of 40 CFR 60.18.

Condition 85: Recordkeeping.

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.486, NSPS Subpart VV

Item 85.1:

This Condition applies to Emission Unit: U-00S60

Item 85.2:

Any owner or operator shall comply with all applicable recordkeeping requirements located in section 40 CFR 60-VV.486.

Condition 86: Reporting.

Effective between the dates of 09/01/2006 and Permit Expiration Date



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Applicable Federal Requirement: 40CFR 60.487, NSPS Subpart VV

Item 86.1:

This Condition applies to Emission Unit: U-00S60

Item 86.2:

Any owner or operator shall submit a semiannual report to the Administrator, commencing 6 months after the initial startup date. These reports shall include all information required in section 40 CFR 60-VV.487.



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or

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law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 87: Contaminant List

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 87.1:

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: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Condition 88: Unavoidable noncompliance and violations

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 88.1:

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



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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 89: Emission Unit Definition
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 89.1:

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

Emission Unit: U-00F80

Emission Unit Description:

Four-cell non-contact cooling tower in support of manufacturing activities. Particulate emissions are based



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on drift loss in consideration of manufacturer installed mist eliminators.

Item 89.2:

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

Emission Unit: U-00S10

Emission Unit Description:

Natural gas fired dryer system (dryers A and B) used to dry wet distiller's grain and solubles (WDGS). The dryers have a combined maximum heat input rating of 100 million Btu per hour.

Item 89.3:

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

Emission Unit: U-00S20

Emission Unit Description:

Grain receiveing (unloading) activities.

Item 89.4:

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

Emission Unit: U-00S30

Emission Unit Description:

Grain milling activities.

Item 89.5:

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

Emission Unit: U-00S40

Emission Unit Description:

Carbon dioxide scrubber used as a product recovery device.

Item 89.6:

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

Emission Unit: U-00S50

Emission Unit Description:

Distillation, storage, handling and truck loadout of fuel grade ethanol and associated control of volatile organic compound and hazardous air pollutant emissions.

Item 89.7:

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

Emission Unit: U-00S60

Emission Unit Description:

Biomethanator flare used to control methane emissions when dryers are not operating.

Item 89.8:



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

Emission Unit: U-00S70

Emission Unit Description:

Distiller's dried grain and solubles (DDGS) cooling and transfer activities.

Item 89.9:

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

Emission Unit: U-00S90

Emission Unit Description:

Distiller's dried grain and solubles (DDGS) loading activities.

Item 89.10:

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

Emission Unit: U-0S100

Emission Unit Description:

Transfer of fuel grade ethanol to rail cars.

Item 89.11:

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

Emission Unit: U-0S110

Emission Unit Description:

Emergency diesel-fired water pump.

Condition 90: Air pollution prohibited

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 90.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

Condition 91: Emission Point Definition By Emission Unit

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5



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Item 91.1:

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

Emission Unit: U-00F80

Emission Point: F8001

Height (ft.): 33 Diameter (in.): 216
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Emission Point: F8002

Height (ft.): 33 Diameter (in.): 216
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Emission Point: F8003

Height (ft.): 33 Diameter (in.): 216
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Emission Point: F8004

Height (ft.): 33 Diameter (in.): 216
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.2:

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

Emission Unit: U-00S10

Emission Point: S0010

Height (ft.): 125 Diameter (in.): 72
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.3:

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

Emission Unit: U-00S20

Emission Point: S0020

Height (ft.): 160 Diameter (in.): 42
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.4:

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

Emission Unit: U-00S30

Emission Point: S0030

Height (ft.): 40 Diameter (in.): 32
NYTMN (km.): 4789.75 NYTME (km.): 226.65



Item 91.5:

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

Emission Unit: U-00S40

Emission Point: S0040

Height (ft.): 160 Diameter (in.): 24
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.6:

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

Emission Unit: U-00S50

Emission Point: S0050

Height (ft.): 36 Diameter (in.): 30
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.7:

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

Emission Unit: U-00S60

Emission Point: S0060

Height (ft.): 24 Diameter (in.): 24
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.8:

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

Emission Unit: U-00S70

Emission Point: S0070

Height (ft.): 45 Diameter (in.): 36
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.9:

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

Emission Unit: U-00S90

Emission Point: S0090

Height (ft.): 160 Diameter (in.): 14
NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.10:



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

Emission Unit: U-0S100

Emission Point: S0100

Height (ft.): 0

Diameter (in.): 1

NYTMN (km.): 4789.75 NYTME (km.): 226.65

Item 91.11:

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

Emission Unit: U-0S110

Emission Point: S0110

Height (ft.): 8

Diameter (in.): 3

NYTMN (km.): 4789.75 NYTME (km.): 226.65

**Condition 92: Emissions from new emission sources and/or modifications
Effective between the dates of 09/01/2006 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 212.4(a)

Item 92.1:

This Condition applies to:

Emission Unit: U00S30

Emission Unit: U00S40

Emission Unit: U00S50

Emission Unit: U00S60

Emission Unit: U00S70

Emission Unit: U00S90

Item 92.1:

This Condition applies to Emission Unit: U-00S20

Item 92.2.3:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 93: Compliance Demonstration

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Applicable State Requirement: 6NYCRR 212.4(c)

Item 93.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S20

Item 93.2:

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance observations during operation at the monitoring frequency stated below. These observations include pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure this source to be in compliance with the particulate emission rate.

Additionally, the permittee will immediately investigate any instance where there is cause to believe that particulate emissions above 0.05 gr/dscf are occurring or have occurred from a process source. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. During these instances the permittee shall determine the cause, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these observations, investigations and corrective actions will be kept on-site in a format



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acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 94: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.4(c)

Item 94.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S30

Item 94.2:

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance observations during operation at the monitoring frequency stated below. These observations include pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure this source to be in compliance with the particulate emission rate.

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Additionally, the permittee will immediately investigate any instance where there is cause to believe that particulate emissions above 0.05 gr/dscf are occurring or have occurred from a process source. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. During these instances the permittee shall determine the cause, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 95: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.4(c)

Item 95.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S40

Item 95.2:

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require



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the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance observations during operation at the monitoring frequency stated below. These observations include pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure this source to be in compliance with the particulate emission rate.

Additionally, the permittee will immediately investigate any instance where there is cause to believe that particulate emissions above 0.05 gr/dscf are occurring or have occurred from a process source. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. During these instances the permittee shall determine the cause, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 96: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.4(c)

Item 96.1:



The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S50

Item 96.2:

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance observations during operation at the monitoring frequency stated below. These observations include pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure this source to be in compliance with the particulate emission rate.

Additionally, the permittee will immediately investigate any instance where there is cause to believe that particulate emissions above 0.05 gr/dscf are occurring or have occurred from a process source. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. During these instances the permittee shall determine the cause, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.



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Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 97: Compliance Demonstration

Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.4(c)

Item 97.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S60

Item 97.2:

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance observations during operation at the monitoring frequency stated below. These observations include pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure this source to be in compliance with the particulate emission rate.

Additionally, the permittee will immediately investigate any instance where there is cause to believe that particulate emissions above 0.05 gr/dscf are occurring or have occurred from a process source. These instances



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include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. During these instances the permittee shall determine the cause, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 98: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.4(c)

Item 98.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S70

Item 98.2:

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance observations during operation at the monitoring frequency stated below.

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These observations include pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure this source to be in compliance with the particulate emission rate.

Additionally, the permittee will immediately investigate any instance where there is cause to believe that particulate emissions above 0.05 gr/dscf are occurring or have occurred from a process source. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. During these instances the permittee shall determine the cause, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 99: Compliance Demonstration
Effective between the dates of 09/01/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.4(c)

Item 99.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00S90

Item 99.2:

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Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance observations during operation at the monitoring frequency stated below. These observations include pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure this source to be in compliance with the particulate emission rate.

Additionally, the permittee will immediately investigate any instance where there is cause to believe that particulate emissions above 0.05 gr/dscf are occurring or have occurred from a process source. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. During these instances the permittee shall determine the cause, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY