



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-0118-00001/02002
Mod 0 Effective Date: 12/01/2009 Expiration Date: No expiration date.
Mod 1 Effective Date: 09/18/2012 Expiration Date: No expiration date.

Permit Issued To: U S DEPT OF THE ARMY
THE PENTAGON
WASHINGTON, DC 20310

Contact: MICHAEL WRIGHT
US ARMY WATERVLIET ARSENAL
1 BUFFINGTON ST BLD 10-2
WATERVLIET, NY 12189-4000

Facility: U S ARMY WATERVLIET ARSENAL
BROADWAY
WATERVLIET, NY 12189-4000

Description:
Additional CO2 capping condition added to permit to maintain Air State Facility status because of Greenhouse Gas Tailoring Rule (PSD) implemented by EPA.

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: NANCY M BAKER
NYSDEC
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
 - Applications for permit renewals, modifications and transfers
 - Permit modifications, suspensions or revocations by the Department
 - Permit modifications, suspensions or revocations by the Department
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



Department

Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:

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

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

Condition 5: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 5.1:

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.

Condition 4: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to 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 6: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:

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

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

Permit ID: 4-0118-00001/02002

Facility DEC ID: 4011800001



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: U S DEPT OF THE ARMY
THE PENTAGON
WASHINGTON, DC 20310

Facility: U S ARMY WATERVLIET ARSENAL
BROADWAY
WATERVLIET, NY 12189-4000

Authorized Activity By Standard Industrial Classification Code:
9711 - NATIONAL SECURITY

Mod 0 Permit Effective Date: 12/01/2009
date.

Permit Expiration Date: No expiration
date.

Mod 1 Permit Effective Date: 09/18/2012
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6 NYCRR 202-1.1: Required Emissions Tests
- 1 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 2 6 NYCRR 201-3.2 (b): Exempt Activities - Maintenance of Control Equipment
- 3 6 NYCRR 201-3.2 (c): Exempt Activities - Industrial: (c)(31)
- 4 6 NYCRR 201-3.3 (b): Trivial Activities - Maintenance of Control Equipment
- 5 6 NYCRR 201-7.2: Facility Permissible Emissions
- *6 6 NYCRR 201-7.2: Capping Monitoring Condition
- *7 6 NYCRR 201-7.2: Capping Monitoring Condition
- *1-2 6 NYCRR 201-7.2: Capping Monitoring Condition
- 1-3 6 NYCRR 211.1: Air pollution prohibited
- 8 6 NYCRR 212.3 (a): Emissions from existing sources
- 9 6 NYCRR 212.3 (b): Compliance Demonstration
- 10 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications
- 11 6 NYCRR 212.4 (b): Emissions from new emission sources and/or modifications not specified by Table 2
- 12 6 NYCRR 212.4 (c): Compliance Demonstration
- 13 6 NYCRR 212.6 (a): Compliance Demonstration
- 14 6 NYCRR 227-1.6: Corrective Action
- 15 6 NYCRR 227.2 (b) (1): Compliance Demonstration
- 16 6 NYCRR 228-1.1 (a): Permit Requirements
- 17 6 NYCRR 228-1.6: Prohibition of sale
- 18 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 19 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 20 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 21 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 22 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 23 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 24 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 25 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 26 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 27 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 28 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 29 40CFR 60.9, NSPS Subpart A: Availability of information.
- 30 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 31 40CFR 60.12, NSPS Subpart A: Circumvention.
- 32 40CFR 60.14, NSPS Subpart A: Modifications.
- 33 40CFR 60.15, NSPS Subpart A: Reconstruction
- 34 40CFR 61, NESHAP Subpart M: National Emission Standard for Asbestos
- 35 40CFR 82, Subpart H: Halon Emissions Reduction

Emission Unit Level



EU=1-COMBU

- 36 6 NYCRR 225-1.8 (a): Compliance Demonstration
- 37 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 38 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 39 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability.
- 40 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 41 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 42 40CFR 60.44c(h), NSPS Subpart Dc: Alternative compliance methods for sulfur dioxide.
- 43 40CFR 60.45c(a), NSPS Subpart Dc: Compliance Demonstration
- 44 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 45 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Demonstration
- 46 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration
- 47 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 48 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration
- 49 40CFR 60.48c(f)(4), NSPS Subpart Dc: Fuel supplier certification
- 50 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration
- 51 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration
- 52 40CFR 60.48c(j), NSPS Subpart Dc: Reporting period

EU=1-COMBU,Proc=CBO

- 53 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 54 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration

EU=3-MANUF

- 55 6 NYCRR 228-1.1 (d): Will remain subject to Part 228.
- 56 6 NYCRR 228-1.3 (a): Recordkeeping, Reports of VOCs - EU Level
- 57 6 NYCRR 228-1.4: Compliance Demonstration
- 58 6 NYCRR 228-1.10: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 59 ECL 19-0301: Contaminant List
- 60 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 61 6 NYCRR Subpart 201-5: Emission Unit Definition
- 62 6 NYCRR 211.2: Air pollution prohibited
- 1-4 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 63 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 64 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

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 - 6 NYCRR 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

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

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

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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



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

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

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

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

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

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

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

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

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

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



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

- Item K: Open Fires Prohibitions - 6 NYCRR 215.2**
Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.
- Item L: Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.
- Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1-1: Required Emissions Tests



Effective between the dates of 09/18/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 1-1.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 1: Recycling and Emissions Reduction
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 82, Subpart F

Item 1.1:

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

Condition 2: Exempt Activities - Maintenance of Control Equipment
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 2.1:

Owner of any emission source or unit that is listed as eligible to be exempt in 6 NYCRR Part 201-3.2(c), on the basis of the use of appropriate emission control device shall operate and maintain such device in a manner consistent with good engineering practices.

Condition 3: Exempt Activities - Industrial: (c)(31)
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 3.1:

The following activity is exempt from permitting requirements at non-Title V facilities, but must be included in Title V facility permit applications: Surface coating operations which are specifically exempted from regulation under Part 228, with respect to emissions of volatile organic compounds which are not given an A rating.

Condition 4: Trivial Activities - Maintenance of Control Equipment
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 4.1:

The owner and /or operator of any emission source or unit that is listed as eligible to be exempt in 6 NYCRR Part 201-3.3(c), on the basis of the use of appropriate emission control device shall operate and maintain such device in a manner consistent with good engineering practices.

Condition 5: Facility Permissible Emissions
Effective between the dates of 12/01/2009 and Permit Expiration Date



Applicable Federal Requirement:6 NYCRR 201-7.2

Item 5.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

per year CAS No: 007446-09-5 (From Mod 1) PTE: 180,000 pounds
Name: SULFUR DIOXIDE

per year CAS No: 0NY210-00-0 (From Mod 1) PTE: 180,000 pounds
Name: OXIDES OF NITROGEN

**Condition 6: Capping Monitoring Condition
Effective between the dates of 12/01/2009 and Permit Expiration Date**

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 6.1:

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:

6 NYCRR Subpart 201-6

Item 6.2:

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

Item 6.3:

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

Item 6.4:

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 6.5:

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.

New York State Department of Environmental Conservation

Permit ID: 4-0118-00001/02002

Facility DEC ID: 4011800001



Item 6.6:

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: 0NY075-00-5	PM-10
CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility will CAP SO₂, NO_x, CO, and PM-10 to 90 tons/year to prevent Title V thresholds.

This #2 fuel usage CAP is based on allowable boiler NO_x emissions. Allowable boiler NO_x emissions plus potential NO_x emissions from other remaining site sources is equivalent to the 90 ton allowable NO_x emissions.

#2 fuel oil combusted in Boilers #3, 4, 5, and 7 is limited to 3,650,000 gallons during any 12 month period. Monthly fuel usage will be recorded and reported in annual cap certification.

Parameter Monitored: NUMBER 2 OIL

Upper Permit Limit: 3,650,000 gallons

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

Subsequent reports are due every 12 calendar month(s).

Condition 7: Capping Monitoring Condition

Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 7.1:

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

6 NYCRR Subpart 201-6

New York State Department of Environmental Conservation

Permit ID: 4-0118-00001/02002

Facility DEC ID: 4011800001



Item 7.2:

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

Item 7.3:

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

Item 7.4:

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

Item 7.5:

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

Item 7.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR Part 225-1.2 prohibits the use of fuel with a sulfur content exceeding 1.5 percent (%) sulfur by weight. However, the WVA facility intends to purchase fuel with a sulfur content of no more than 0.25% by weight. A signed certification shall be submitted annually certifying the facility has not purchased fuel with a sulfur content greater than 0.25%. Records of fuel purchases shall remain on site and available upon request for a period of five years.

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 1-2: Capping Monitoring Condition
Effective between the dates of 09/18/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1-2.1:

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:

6 NYCRR Subpart 201-6

Item 1-2.2:

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

Item 1-2.3:

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

Item 1-2.4:

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 1-2.5:

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 1-2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000124-38-9 CARBON DIOXIDE

Item 1-2.7:

Compliance Demonstration shall include the following monitoring:

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

New York State Department of Environmental Conservation

Permit ID: 4-0118-00001/02002

Facility DEC ID: 4011800001



Monitoring Description:

The facility will CAP CO2 at 95,000 tons/year to prevent reaching Title V thresholds.

Natural Gas can be combusted in any boiler and is limited to 733,000,000 cubic feet of natural gas during any 12 month period. Monthly fuel usage will be recorded and reported in annual cap certification.

Parameter Monitored: NATURAL GAS

Upper Permit Limit: 733,000,000 cubic feet

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

Subsequent reports are due every 12 calendar month(s).

Condition 1-3: Air pollution prohibited
Effective between the dates of 09/18/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.1

Item 1-3.1:

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

Condition 8: Emissions from existing sources
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.3 (a)

Item 8.1:

This Condition applies to:

Emission Unit: 3MANUF

Item 8.2:

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 9: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.3 (b)

New York State Department of Environmental Conservation

Permit ID: 4-0118-00001/02002

Facility DEC ID: 4011800001



Item 9.1:

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

Emission Unit: 3-MANUF

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

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 10: Emissions from new emission sources and/or modifications
Effective between the dates of 12/01/2009 and Permit Expiration Date**

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 10.1:

This Condition applies to:

Emission Unit: 3MANUF

Item 10.2:

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 11: Emissions from new emission sources and/or modifications
not specified by Table 2
Effective between the dates of 12/01/2009 and Permit Expiration Date**

Applicable Federal Requirement:6 NYCRR 212.4 (b)

Item 11.1:



This Condition applies to:

Emission Unit: 3MANUF

Item 11.2: For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 12: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date**

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 12.1:

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

Emission Unit: 3-MANUF

Item 12.2:

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 verifications at the monitoring frequency stated below. These verifications include review of 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 during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess



emissions problem has been corrected.

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 13: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 13.1:

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

Emission Unit: 3-MANUF

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

If visible emissions above those that are normal (this may be zero percent opacity for many or all emission sources) and in compliance with section 212.6(a) are detected, the permittee shall determine the cause, make



the necessary correction, and verify that the excess visible emissions problem has been corrected.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify The Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

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.

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 14: Corrective Action
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 227-1.6

Item 14.1:

(a) Any person found to have violated any provision of this Part shall not cause, permit or allow operation of the stationary combustion installation involved in the violation unless:

- (1) it is equipped with approved emission control equipment;
- (2) it is rehabilitated or upgraded in an approved manner; or
- (3) the fuel is changed to an acceptable type.

(b) The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraph (a)(1)-(3) above are not met within the time provided by the order of final determination issued in the case of the violation.

(c) No person shall cause, permit or allow operation of any stationary combustion installation sealed by the commissioner in accordance with this section.

(d) No person except the commissioner or his representative shall remove, tamper with or destroy any seal affixed to any stationary combustion installation.

Condition 15: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 15.1:

The Compliance Demonstration activity will be performed for the facility:



The Compliance Demonstration applies to:

Emission Unit: 1-COMBU
Process: CBO Emission Source: BL95C

Emission Unit: 1-COMBU
Process: CBO Emission Source: BL95D

Emission Unit: 1-COMBU
Process: CBO Emission Source: BL95E

Emission Unit: 1-COMBU
Process: CBO Emission Source: BL95G

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

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

At the monitoring frequency stated below the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 16: Permit Requirements
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.1 (a)

Item 16.1:

This Condition applies to:

Emission Unit: 3MANUF

Item 16.2:

Every owner or operator of a facility applying for a Title V facility permit or State facility permit, including modifications, must:

- (1) identify the method(s) (e.g., sampling, testing, etc.), if any, that will be used to comply with the requirements of this Part;
- (2) where applicable, provide a process specific reasonably available control technology (RACT) determination under subdivision 228.3(e) unless the RACT demonstration has already been approved by the Department and the Administrator and a reevaluation frequency for the RACT determination is included in the facility's existing Title V facility permit or State facility permit; and
- (3) where applicable, submit evidence to demonstrate that the shut down of a natural gas fired VOC incinerator pursuant to subdivision 228.3(b) will not jeopardize air quality.

Condition 17: Prohibition of sale
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.6

Item 17.1:

(A) No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 in section 228.7 or 228.8 of 6 NYCRR 228 if such use is prohibited by any of the provisions of this Part. The prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at this facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the maximum permitted VOC content limitations specified in tables 1 and 2 of sections 228.7 or 228.8 of 6 NYCRR Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in section 228.3(d) of 6 NYCRR Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility per section 228.3(e) of 6 NYCRR Part 228.

(B) Any person selling a coating for use in a coating line subject to this Part must, upon request, provide the user with certification of the VOC content of the coating supplied.

Condition 18: Applicability of Subpart A General Provisions



Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 18.1:

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

Condition 19: EPA Region 2 address.

Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 19.1:

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 20: Date of construction notification - If a COM is not used.

Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 20.1:

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 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.

Condition 21: Recordkeeping requirements.
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 21.1:

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

Condition 22: Excess emissions report.
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 22.1:

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 23: Monitoring frequency waiver.
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 23.1: 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 24: Facility files for subject sources.
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 24.1:

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 25: Notification Similar to State or Local Agency
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 25.1:

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).

Condition 26: Prior notice.
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 26.1:

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

Condition 27: Performance testing facilities.
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 27.1:

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 28: Number of required tests.
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 28.1:

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 29: Availability of information.
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A



Item 29.1:

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 30: Opacity standard compliance testing.
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 30.1:

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

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 31: Circumvention.
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 31.1:

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 32: Modifications.
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 32.1:

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 33: Reconstruction
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 33.1:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 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 34: National Emission Standard for Asbestos
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 61, NESHAP Subpart M

Item 34.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 61, Subpart M.

Condition 35: Halon Emissions Reduction
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 82, Subpart H

Item 35.1:

The permittee shall comply with the standards for halon emissions reduction pursuant to 40CFR Part 82, Subpart H.

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

Condition 36: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-1.8 (a)

Item 36.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Item 36.2:

Compliance Demonstration shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 37.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Item 37.2:

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 semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, 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 span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the

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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)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Exemption from the averaging period.
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.42c(h), NSPS Subpart Dc

Item 38.1:
This Condition applies to Emission Unit: 1-COMBU

Item 38.2:
Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

Condition 39: Enforceability.
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.42c(i), NSPS Subpart Dc

Item 39.1:
This Condition applies to Emission Unit: 1-COMBU

Item 39.2:
The sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations shall apply at all times, including periods of startup, shutdown, and malfunction.

Condition 40: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.43c(c), NSPS Subpart Dc

Item 40.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Item 40.2:
Compliance Demonstration shall include the following monitoring:

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Facility DEC ID: 4011800001



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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility 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

Reference Test Method: Method 9

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 41: Enforceability of particulate matter and opacity standards.

Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.43c(d), NSPS Subpart Dc

Item 41.1:

This Condition applies to Emission Unit: 1-COMBU

Item 41.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 42: Alternative compliance methods for sulfur dioxide.

Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc

Item 42.1:

This Condition applies to Emission Unit: 1-COMBU

Item 42.2:

Facilities demonstrating compliance through vendor certification shall follow the compliance procedures listed in paragraphs 40 CFR 60-Dc.48c(f)(1), (2), or (3), as applicable.

Condition 43: Compliance Demonstration

Effective between the dates of 12/01/2009 and Permit Expiration Date



Applicable Federal Requirement:40CFR 60.45c(a), NSPS Subpart Dc

Item 43.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 43.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

initial performance test required by 40CFR60.8

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 44: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 12/01/2009 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60.46c(e), NSPS Subpart Dc

Item 44.1:

This Condition applies to Emission Unit: 1-COMBU

Item 44.2:

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

**Condition 45: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date**

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

Item 45.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Item 45.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Facility DEC ID: 4011800001



The owner or operator of each coal-fired, oil-fired, or wood-fired affected facility subject to the opacity limits under 40 CFR 60.43c(c) shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 46.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 46.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

Condition 47: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.48c(e)(11), NSPS Subpart Dc

Item 47.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 47.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

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Facility DEC ID: 4011800001



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep records as required under §60.48c(d) including the following information.

If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph §60.48c(f)(1)(2) or (3). In addition to records of fuel supplier certification, the semi-annual report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

Condition 48: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 48.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

- i) The name of the oil supplier, and
- ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for



Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 49: Fuel supplier certification
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.48c(f)(4), NSPS Subpart Dc

Item 49.1:

This Condition applies to Emission Unit: 1-COMBU

Item 49.2:

Fuel supplier certification shall include the following information:

- (i) The name of the supplier of the fuel;
- (ii) The potential sulfur emissions rate of the fuel in ng/J heat input; and
- (iii) The method used to determine the potential sulfur emissions rate of the fuel.

Condition 50: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 50.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. The facility shall record and maintain records of the amount of fuels combusted during each calendar month in the source, provided that the facility only burns very low sulfur fuel oil or other liquid or gaseous fuels with a potential sulfur dioxide (SO₂) emissions rate of 0.32 lb/MMBtu (140 ng/J) heat input or less.
2. The records for the amount of fuel burned monthly must be made available for review upon request.

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Monitoring Frequency: MONTHLY

Averaging Method: CALENDAR MONTH TOTAL

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 51: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Item 51.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record, for determining compliance with the NSPS requirements.

**** NOTE**** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 52: Reporting period
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 52.1:

This Condition applies to Emission Unit: 1-COMBU

Item 52.2: The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period

Condition 53: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 53.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU



Process: CBO

Item 53.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 54: Compliance Demonstration



Effective between the dates of 12/01/2009 and Permit Expiration Date

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

Item 54.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMBU

Process: CBO

Item 54.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 55: Will remain subject to Part 228.

Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.1 (d)

Item 55.1:

This Condition applies to Emission Unit: 3-MANUF

Item 55.2:

Any coating line that is or becomes subject to the provisions of 6 NYCRR Part 228 will remain subject to these provisions even if the annual potential to emit VOCs for the facility later falls below the thresholds set forth in 228.1(b).

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Condition 56: Recordkeeping, Reports of VOCs - EU Level
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.3 (a)

Item 56.1:

This Condition applies to Emission Unit: 3-MANUF

Item 56.2: Use of coatings that exceed the maximum permitted pounds of VOC per gallon, minus water and excluded VOC at application specified in table 1 of section 228.7 or table 2 of section 228.8 of 6 NYCRR Part 228 is prohibited.

Condition 57: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.4

Item 57.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-MANUF

Item 57.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 58: Compliance Demonstration
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.10

Item 58.1:



The Compliance Demonstration activity will be performed for:

Emission Unit: 3-MANUF

Item 58.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this Part must:

- (a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
- (e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
- (f) minimize spills during the handling and transfer of coatings and VOC solvents; and
- (g) beginning on January 1, 2005, clean spray guns used to apply mobile equipment repair and refinishing or color-matched coatings by one of the following:
 - (1) an enclosed spray gun cleaning system that is kept closed when not in use;
 - (2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
 - (3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or
 - (4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

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- condition
- date and time of observation
 - description of observed deviation from this permit
 - corrective measures taken, if necessary

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

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

Where 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 law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 59: Contaminant List

Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 59.1:

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

CAS No: 000124-38-9
Name: CARBON DIOXIDE

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

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

CAS No: 0NY075-00-5
Name: PM-10

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

Condition 60: Unavoidable noncompliance and violations

Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 60.1:

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

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



representative.

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

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

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

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 61: Emission Unit Definition
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 61.1(From Mod 0):

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

Emission Unit: 1-COMBU

Emission Unit Description:

This emission unit consists of the plant's combustion equipments processes. The facility has five (5) boilers, boiler #3 rated at 110 million BUT/hr, boiler #4 rated at 110 million BTU/hr, boiler#5 rated at 32 million BTU/hr, boiler #6 rated at 20 million BTU/hr, and boiler #7 rated at 92 million BTU/hr. Boilers #3, #5 and #7 may be fueled with No. 2 fuel oil or with natural gas. Boiler #4 is fired with No. 2 fuel oil and boiler #6 is fired with natural gas. The facility also has a Selas furnace, a natural gas compressor, an endothermic gas generator and a natural gas coating oven. The Selas furnace's maximum heat input is 41.6 million BTU/hr and is fueled with

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natural gas. The natural gas-fired compressor has a rated heat input of 20 million BTU/hr. The endothermic gas generator is fueled by natural gas. The natural gas coating oven has a maximum heat input of 1.85 million BTU/hr.

Building(s): 110
135
136
35

Item 61.2(From Mod 0):

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

Emission Unit: 2-WWTRE

Emission Unit Description:

This emission unit includes the facility's other (non-combustion) operational processes related to wastewater treatment operations.

These processes include the lime mixing tank, two (2) blend tanks (#1 and #2) used to mix lime slurry, aluminum sulfate, and a silicon anti-foam agent mixed with the process waste stream, two (2) soluble oil batch tanks, a sludge tank, an aluminum sulfate mixing tank, and a polyelectrolytic mixing tank.

Building(s): 36

Item 61.3(From Mod 0):

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

Emission Unit: 3-MANUF

Emission Unit Description:

This emission unit consists of the facility's manufacturing operations. These operations include paint, finishing, storage tanks and insignificant operations.

This operation is the necessary process and activity to complete the manufacture of cannons and associated parts.

Building(s): 110
115
123
125
147
20
35
40-5
44

Condition 62: Air pollution prohibited
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2



Item 62.1:

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

Condition 1-4: Visible Emissions Limited
Effective between the dates of 09/18/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 1-4.1:

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

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

Condition 63: Emission Point Definition By Emission Unit
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 63.1(From Mod 0):

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

Emission Unit: 1-COMBU

Emission Point: EP105

Height (ft.): 69 Diameter (in.): 48
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 135

Emission Point: EP221

Height (ft.): 13 Diameter (in.): 8
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 110

Emission Point: EP95C

Height (ft.): 85 Diameter (in.): 72
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 136

Emission Point: EP95D

Height (ft.): 85 Diameter (in.): 72
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 136

Emission Point: EP95E

Height (ft.): 90 Diameter (in.): 42
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 136



Emission Point: EP95F
Height (ft.): 50 Diameter (in.): 42
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 35

Emission Point: EP95G
Height (ft.): 159 Diameter (in.): 50
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 136

Emission Point: FN187
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 110

Emission Point: OP002
Height (ft.): 12 Diameter (in.): 6
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 35

Item 63.2(From Mod 0):

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

Emission Unit: 2-WWTRE

Emission Point: EP192
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 36

Emission Point: EP193
Height (ft.): 29 Diameter (in.): 4
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 36

Emission Point: IW194
Height (ft.): 29 Diameter (in.): 12
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 36

Emission Point: IW195
Height (ft.): 29 Diameter (in.): 12
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 36

Emission Point: IW196
Height (ft.): 29 Diameter (in.): 4
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 36

Emission Point: IW197
Height (ft.): 14 Diameter (in.): 4
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 36

Emission Point: IW198
Height (ft.): 14 Diameter (in.): 4
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 36

Emission Point: IW199
Height (ft.): 22 Diameter (in.): 4



NYTMN (km.): 4730.356 NYTME (km.): 605.769

Item 63.3(From Mod 0):

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

Emission Unit: 3-MANUF

Emission Point: EP015
Height (ft.): 45 Diameter (in.): 12
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 125

Emission Point: EP075
Height (ft.): 20 Diameter (in.): 18
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 115

Emission Point: EP076
Height (ft.): 20 Diameter (in.): 18
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 115

Emission Point: EP077
Height (ft.): 20 Diameter (in.): 18
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 115

Emission Point: EP097
Height (ft.): 15 Diameter (in.): 34
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 123

Emission Point: EP111
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 20

Emission Point: EP127
Height (ft.): 48 Diameter (in.): 14
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 35

Emission Point: EP128
Height (ft.): 48 Diameter (in.): 24
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 35

Emission Point: EP129
Height (ft.): 48 Diameter (in.): 24
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 35

Emission Point: EP165
Height (ft.): 66 Diameter (in.): 24
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 35

Emission Point: EP167
Height (ft.): 54 Diameter (in.): 6
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 40-5

Emission Point: EP176

New York State Department of Environmental Conservation
Permit ID: 4-0118-00001/02002 **Facility DEC ID: 4011800001**



Height (ft.): 25	Diameter (in.): 25	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 123
Emission Point: EP177		
Height (ft.): 31	Diameter (in.): 4	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 125
Emission Point: EP185		
Height (ft.): 57	Diameter (in.): 48	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 110
Emission Point: EP186		
Height (ft.): 57	Diameter (in.): 48	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 110
Emission Point: EP202		
Height (ft.): 30	Diameter (in.): 6	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 110
Emission Point: EP203		
Height (ft.): 68	Diameter (in.): 6	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 110
Emission Point: EP204		
Height (ft.): 25	Diameter (in.): 14	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 110
Emission Point: EP209		
Height (ft.): 30	Diameter (in.): 14	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 110
Emission Point: EP210		
Height (ft.): 30	Diameter (in.): 14	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 110
Emission Point: EP44A		
Height (ft.): 25	Length (in.): 26	Width (in.): 19
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 44
Emission Point: OP038		
Height (ft.): 40	Diameter (in.): 1	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 147
Emission Point: OP039		
Height (ft.): 20	Diameter (in.): 1	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 147
Emission Point: OP040		
Height (ft.): 20	Diameter (in.): 1	
NYTMN (km.): 4730.356	NYTME (km.): 605.769	Building: 147
Emission Point: OP041		



Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4730.356 NYTME (km.): 605.769 Building: 147

Condition 64: Process Definition By Emission Unit
Effective between the dates of 12/01/2009 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 64.1(From Mod 0):

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

Emission Unit: 1-COMBU
Process: CBG Source Classification Code: 3-03-015-80

Emission Source/Control: BL95C - Combustion
Design Capacity: 110 million Btu per hour

Emission Source/Control: BL95E - Combustion
Design Capacity: 32 million Btu per hour

Emission Source/Control: BL95F - Combustion
Design Capacity: 20 million Btu per hour

Emission Source/Control: BL95G - Combustion
Design Capacity: 92 million Btu per hour

Emission Source/Control: FN105 - Combustion
Design Capacity: 41.6 million Btu per hour

Emission Source/Control: FN187 - Combustion
Design Capacity: 1.85 million Btu per hour

Emission Source/Control: GC221 - Combustion
Design Capacity: 20 million Btu per hour

Emission Source/Control: GG002 - Combustion
Design Capacity: 0.158 million Btu per hour

Item 64.2(From Mod 0):

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

Emission Unit: 1-COMBU
Process: CBO Source Classification Code: 3-03-015-80

Emission Source/Control: BL95C - Combustion
Design Capacity: 110 million Btu per hour

Emission Source/Control: BL95D - Combustion
Design Capacity: 110 million Btu per hour

Emission Source/Control: BL95E - Combustion
Design Capacity: 32 million Btu per hour

New York State Department of Environmental Conservation

Permit ID: 4-0118-00001/02002

Facility DEC ID: 4011800001



Emission Source/Control: BL95G - Combustion
Design Capacity: 92 million Btu per hour

Item 64.3(From Mod 0):

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

Emission Unit: 2-WWTRE
Process: WTP Source Classification Code: 5-01-007-01

Emission Source/Control: IW192 - Process
Design Capacity: 200 gallons

Emission Source/Control: IW193 - Process
Design Capacity: 1,580 gallons

Emission Source/Control: IW194 - Process

Emission Source/Control: IW195 - Process
Design Capacity: 1,750 cubic feet per minute

Emission Source/Control: IW196 - Process

Emission Source/Control: IW197 - Process
Design Capacity: 500 gallons

Emission Source/Control: IW198 - Process
Design Capacity: 500 gallons

Emission Source/Control: IW199 - Process
Design Capacity: 1,580 gallons

Item 64.4(From Mod 0):

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

Emission Unit: 3-MANUF
Process: FNS Source Classification Code: 3-01-014-50

Process Description:

This process is the facility's metal finishing operations. This process includes fifteen (15) electric grinding wheel machines, an electrically heated melting pot, high pressure test cells, a silicon oil bath and a photopolymer resin curing unit. The electric grinding wheel machines are used to grind high speed steel and tungsten-carbide tools. After metal parts are cleaned, they are immersed in an electrically heated melting pot that contains molten plastic. The plastic hardens onto the metal to provide a protective coating. Testing apparatus such as high pressure test cells use hydraulic oil to cycle internal pressure, upwards to 97000 psi, on cannon barrels until failure. Upon failure, oil mist may be exhausted to the outdoor atmosphere. A series of



heating and cooling oil baths are used to calibrate thermal warming devices. Finally, an ultraviolet light curing unit is used to cure photopolymer resin.

Emission Source/Control: 015EP - Process

Emission Source/Control: 075EP - Process

Emission Source/Control: 076EP - Process

Emission Source/Control: 077EP - Process

Emission Source/Control: 111EP - Process

Emission Source/Control: 127EP - Process

Emission Source/Control: 128EP - Process

Emission Source/Control: 129EP - Process

Emission Source/Control: 165EP - Process

Emission Source/Control: 167EP - Process

Emission Source/Control: 44AEP - Process

Item 64.5(From Mod 0):

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

Emission Unit: 3-MANUF

Process: INS

Source Classification Code: 3-99-999-89

Process Description:

This process includes the facility's insignificant sources. Insignificant emission levels are defined in 201-6.3 (D)(7) and will be subject to state enforceable requirements only, provided they are not subject to any applicable requirements. The facility's insignificant sources include an electric discharge machine, electric curing ovens, an evacuator curing table and evacuator cleaning and assembly units.

The electrical discharge machine immerses metal components in oil, anodes are energized and the flow of electrons cause cutting of the metal. The electrically heated curing ovens are used to cure pre-impregnated fiberglass epoxy resins. Infrared heat lamps are used to cure pre-impregnated fiberglass epoxy resin onto evacuators. A release agent is sprayed from a spray can to release the fiberglass parts from its mold. The parts are manually cleaned with acetone on a hand rag then the parts are assembled.



Emission Source/Control: 177EP - Process

Emission Source/Control: 202EP - Process

Emission Source/Control: 203EP - Process

Emission Source/Control: 204EP - Process

Emission Source/Control: 209EP - Process

Emission Source/Control: 210EP - Process

Item 64.6(From Mod 0):

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

Emission Unit: 3-MANUF

Process: PNT

Source Classification Code: 3-01-014-01

Process Description:

This process includes the facility's paint spray coating booths. Metal parts are painted using a high-volume/low-pressure air atomized gun. The walk-in spray booths use a dry filter control system for particulates. This process takes place in buildings 110 and 123.

Emission Source/Control: 097EP - Process

Emission Source/Control: 176EP - Process

Emission Source/Control: 185EP - Process

Emission Source/Control: 186EP - Process

Item 64.7(From Mod 0):

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

Emission Unit: 3-MANUF

Process: STS

Source Classification Code: 3-90-900-03

Process Description:

This process includes the facility's above ground storage tanks. Tank #'s 101, 102, 103 and 104 are used to store No. 2 fuel oil. The capacities of tank #'s 101, 102, 103 and 104 are 382,500; 27,000, 22,500 and 18,000 gallons, respectively.

Emission Source/Control: TK101 - Process
Design Capacity: 382,500 gallons

Emission Source/Control: TK102 - Process
Design Capacity: 27,000 gallons

Emission Source/Control: TK103 - Process



Design Capacity: 22,500 gallons

Emission Source/Control: TK104 - Process
Design Capacity: 18,000 gallons

