

New York State Department of Environmental Conservation
Facility DEC ID: 3512200042



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-5122-00042/00165
Effective Date: 09/03/2004 Expiration Date: No expiration date

Permit Issued To: DYNNO NOBEL INC
161 ULSTER AVE
ULSTER PARK, NY 12487-0730

Facility: DYNNO NOBEL INC
161 ULSTER AVE
ULSTER PARK, NY 12487

Contact: FRED JARDINICO
DYNNO NOBEL, INC.
161 ULSTER AVENUE
ULSTER PARK, NY 12487

Description:

The facility produces different types of explosives and explosive devices. Quality control test firings and detonations are conducted. Two #6 oil boilers provide heat for the facility.

Sulfur dioxide emissions from the boilers are limited to 82.43 tons per year. This will be enforced with a restriction on fuel oil usage of 700,000 gallons per year. This will be keep the facility below major source thresholds, and thus the facility is not subject to Clean Air Act Title V requirements. The facility is subject to sulfur in fuel and opacity limitations.

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: ROBERT J STANTON
NYS DEC DIVISION OF AIR RESOURCES
21 SOUTH PUTT CORNERS RD
NEW PALTZ, NY 12561-1696

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 3
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 ECL 3-0301.2(m)

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

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transfer of ownership.

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

Item 4.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

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

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

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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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ULSTER PARK, NY 12487-0730

Facility: DYNNO NOBEL INC
161 ULSTER AVE
ULSTER PARK, NY 12487

Authorized Activity By Standard Industrial Classification Code:
2892 - EXPLOSIVES



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.7: Compliance Demonstration
- 2 6NYCRR 201-1.8: Compliance Demonstration
- 3 6NYCRR 201-3.2(c)(6): Compliance Demonstration
- 4 6NYCRR 212.4(c): Compliance Demonstration
- 5 6NYCRR 212.6(a): Compliance Demonstration
- 6 6NYCRR 225-1.2(a): Compliance Demonstration

Emission Unit Level

EU=A-00001

- 7 6NYCRR 212.4(a): Compliance Demonstration

EU=A-00001,EP=2075J,Proc=LAB,ES=275J1

- 8 6NYCRR 200.7: Compliance Demonstration

EU=B-00001,EP=2008A,Proc=DET,ES=2008Z

- 9 6NYCRR 212.4(a): Compliance Demonstration

EU=B-00001,EP=2009C,Proc=DET,ES=2009Z

- 10 6NYCRR 212.4(a): Compliance Demonstration

EU=B-00001,EP=2058A,Proc=DET,ES=258AZ

- 11 6NYCRR 212.4(a): Compliance Demonstration

EU=C-00001,EP=00001

- 12 6NYCRR 227-1.3(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 13 ECL 19-0301: Contaminant List
- 14 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 15 6NYCRR 201-5: Emission Unit Definition
- 16 6NYCRR 201-5.4(b): Compliance Demonstration
- 17 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 18 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 19 6NYCRR 201-5: Process Definition By Emission Unit
- 20 6NYCRR 201-7.2: Emission Unit Permissible Emissions

EU=B-00001

- 21 6NYCRR 201-5.3(b): Compliance Demonstration

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EU=C-00001

*22 6NYCRR 201-7.2: Capping Monitoring Condition

NOTE: * preceding the condition number indicates capping. Permit Effective Date: 09/03/2004
Permit Expiration Date: No expiration date.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6NYCRR Part 200.5

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

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

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

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

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

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

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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

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

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

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

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

Item E: Emergency Defense - 6NYCRR Part 201-1.5

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event



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

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

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

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

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

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

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

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

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

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

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



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

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

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

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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

Item L: Open Fires - 6 NYCRR Part 215

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

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not

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limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Compliance Demonstration
Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.7

Item 1.1:

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

Emission Unit: A-00001	Emission Point: 2075B
Process: GRN	Emission Source: 275B1
Emission Unit: B-00001	Emission Point: 2008A
Process: DET	Emission Source: 2008Z
Emission Unit: B-00001	Emission Point: 2009C
Process: DET	Emission Source: 2009Z
Emission Unit: B-00001	Emission Point: 2058A
Process: DET	Emission Source: 258AZ



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Emission Unit: A-00001 Emission Point: 2075G
Process: GRN Emission Source: 275G1

Emission Unit: A-00001 Emission Point: 2075H
Process: GRN Emission Source: 275H1

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All bag filter units and air handling units will be maintained in good working condition. This will be achieved by inspecting these filtering units daily before start-up. If the units are full or damaged, the filter media must be replaced. Also, the ducts must be inspected at least once per week. A record must be kept of all inspections performed.

The filtering units must be utilized whenever the associated process is in operation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2: Compliance Demonstration
Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Collected air contaminants, including dust and powder, from any filtering device on an air exhaust shall not be reintroduced to the outside atmosphere and deposited on the grounds and buildings.

If any dust or powder is found outside from exhausts where there is no filtering device, the facility will be required to install a filtering device on the applicable



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air emission point.

The facility shall conduct a weekly inspection to ensure there is no dust or powder from any air emission point on the grounds or buildings, and shall keep a record of such inspections.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Compliance Demonstration
Effective between the dates of 09/03/2004 and Permit Expiration Date

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

Item 3.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The operation of the boiler house generator (in Building #8501) and the water pump (in Building #8708) is limited to 499 hours each in any consecutive 12 month period. The facility shall keep records which document the hours of operation each month.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4: Compliance Demonstration
Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 4.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: A-00001 Emission Point: 2015B

Emission Unit: A-00001 Emission Point: 2015C



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Emission Unit: B-00001 Emission Point: 2058B

Emission Unit: B-00001 Emission Point: 2058C

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions of solid particulates that exceed 0.050 grains of total particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. In accordance with 6NYCRR Part 202-1, the Department may require emission testing to ascertain compliance with this limit.

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 5: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 5.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: A-00001 Emission Point: 2015B

Emission Unit: A-00001 Emission Point: 2015C

Emission Unit: A-00001 Emission Point: 2075B

Emission Unit: A-00001 Emission Point: 2075G

Emission Unit: A-00001 Emission Point: 2075H

Emission Unit: A-00001 Emission Point: 2075J



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Emission Unit: B-00001 Emission Point: 2008A

Emission Unit: B-00001 Emission Point: 2009C

Emission Unit: B-00001 Emission Point: 2058A

Emission Unit: B-00001 Emission Point: 2058B

Emission Unit: B-00001 Emission Point: 2058C

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 6: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

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

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase, or use any oil which contains sulfur in a quantity exceeding 1.5 percent by weight. Compliance shall be demonstrated by a

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certification from the fuel supplier.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: SEMI-ANNUALLY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

Condition 7: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A reduction in particulate emissions of at least 90 percent must be achieved by each of the bag filter drum units. In accordance with 6NYCRR Part 202-1, the Department may require emission testing to ascertain compliance with this limit.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 90 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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Condition 8: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.7

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00001 Emission Point: 2075J
Process: LAB Emission Source: 275J1

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The filter must be kept in proper working condition and replaced as necessary. An inspection of the filter shall be performed at least monthly and a record of inspections kept. The filter must be utilized whenever the associated process is in operation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001 Emission Point: 2008A
Process: DET Emission Source: 2008Z

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:

A reduction in particulate emissions of at least 99 percent must be achieved by the F120 Air Handling Unit.



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In accordance with 6NYCRR Part 202-1, the Department may require emission testing to ascertain compliance with this limit.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 99 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 10: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001 Emission Point: 2009C

Process: DET Emission Source: 2009Z

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A reduction in particulate emissions of at least 99 percent must be achieved by the F120 Air Handling Unit. In accordance with 6NYCRR Part 202-1, the Department may require emission testing to ascertain compliance with this limit.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 99 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Compliance Demonstration

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Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001 Emission Point: 2058A
Process: DET Emission Source: 258AZ

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

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A reduction in particulate emissions of at least 95 percent must be achieved by the F240 Air Handling Unit. In accordance with 6NYCRR Part 202-1, the Department may require emission testing to ascertain compliance with this limit.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 95 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

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

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001 Emission Point: 00001

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall operate a combustion installation which

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exhibits 20 percent opacity (six minute average), except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

To demonstrate compliance with this limit, the facility shall perform the following:

1. The boiler stack must be observed once per day for visible emissions. The observations must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
2. The results of each observation, including weather conditions and if any visible emissions were observed, must be recorded.
3. If visible emissions are observed for two consecutive days, the facility must take corrective action to reduce visible emissions, or perform a Method 9 opacity evaluation to show that opacity is below 20 percent. Any corrective actions taken and Method 9 opacity evaluations must be documented.
4. On a semi-annual basis, a Method 9 opacity evaluation must be performed to ascertain compliance with the 20 percent limit.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

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 - 6NYCRR Part 201-1.10(a)

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

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

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

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



law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 13: Contaminant List

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 13.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Condition 14: Unavoidable noncompliance and violations

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 14.1:

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



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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 superseded 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 15: Emission Unit Definition

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 15.1:

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

Emission Unit: A-00001

Emission Unit Description:

This emission unit includes the processes used to manufacture the explosives and explosive devices. The manufacturing processes such as mixing, granulation and drying of powders, as well as the processes used to manufacture various explosive devices.

Building(s): 2009
2015
2026
2033
2054
2064
2074

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2075

Item 15.2:

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

Emission Unit: B-00001

Emission Unit Description:

This emission unit is for quality control testing and detonation of explosives and explosive devices.

Building(s): 2008
2009
2058
2064

Item 15.3:

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

Emission Unit: C-00001

Emission Unit Description:

This emission unit consists of two fuel oil fired steam generating boilers.

Building(s): 8501

Condition 16: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5.4(b)

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following changes and modifications to emission sources may be conducted without prior approval to the Department:

- (1) changes that do not cause emissions to exceed any emission limitation contained in regulations or in this permit;
- (2) changes which do not cause the source to become subject to any additional regulations or requirements;
- (3) changes that do not seek to establish or modify a



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federally enforceable emission limit or cap.

The facility owner and/or operator must maintain records of the date and description of such changes. These records must be made available for review by Department representatives upon request.

These changes must also be reported for each calendar year concurrent with the annual sulfur dioxide emissions.

The Department may require a permit modification if the changes impact air quality or are extensive enough to change information or descriptions contained in any permit condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 17: Air pollution prohibited
Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 17.1:

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

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

Condition 18: Emission Point Definition By Emission Unit
Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 18.1:

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

Emission Unit: A-00001



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Emission Point: 2009A			
Height (ft.): 11	Length (in.): 6	Width (in.): 12	
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2009	
Emission Point: 2009B			
Height (ft.): 12	Length (in.): 6	Width (in.): 12	
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2009	
Emission Point: 2015A			
Height (ft.): 20	Diameter (in.): 12		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2015	
Emission Point: 2015B			
Height (ft.): 11	Length (in.): 6	Width (in.): 12	
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2015	
Emission Point: 2015C			
Height (ft.): 15	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2015	
Emission Point: 2026A			
Height (ft.): 14	Diameter (in.): 4		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2026	
Emission Point: 2033D			
Height (ft.): 15	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2033	
Emission Point: 2054A			
Height (ft.): 26	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2054	
Emission Point: 2054B			
Height (ft.): 13	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2054	
Emission Point: 2064D			
Height (ft.): 10	Diameter (in.): 4		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2064	
Emission Point: 2074A			
Height (ft.): 1	Diameter (in.): 4		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2074	
Emission Point: 2075A			
Height (ft.): 3	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	



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Emission Point: 2075B			
Height (ft.): 2	Diameter (in.): 4		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	
Emission Point: 2075C			
Height (ft.): 1	Diameter (in.): 4		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	
Emission Point: 2075D			
Height (ft.): 1	Diameter (in.): 4		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	
Emission Point: 2075E			
Height (ft.): 3	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	
Emission Point: 2075F			
Height (ft.): 3	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	
Emission Point: 2075G			
Height (ft.): 2	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	
Emission Point: 2075H			
Height (ft.): 2	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	
Emission Point: 2075J			
Height (ft.): 11	Diameter (in.): 6		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2075	

Item 18.2:

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

Emission Unit: B-00001			
Emission Point: 2008A			
Height (ft.): 10	Diameter (in.): 8		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2008	
Emission Point: 2009C			
Height (ft.): 5	Diameter (in.): 2		
NYTMN (km.): 4637.1	NYTME (km.): 584.	Building: 2009	
Emission Point: 2058A			



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Height (ft.): 20 Diameter (in.): 4
NYTMN (km.): 4637.1 NYTME (km.): 584. Building: 2058

Emission Point: 2058B
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4637.1 NYTME (km.): 584. Building: 2058

Emission Point: 2058C
Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4637.1 NYTME (km.): 584. Building: 2058

Item 18.3:

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

Emission Unit: C-00001

Emission Point: 00001
Height (ft.): 120 Diameter (in.): 54
NYTMN (km.): 4636.8 NYTME (km.): 584.1 Building: 8501

Condition 19: Process Definition By Emission Unit
Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 19.1:

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

Emission Unit: A-00001
Process: CBM Source Classification Code: 3-01-402-99
Process Description: Commercial bridging machine exhaust.

Emission Source/Control: 226A1 - Process

Emission Source/Control: 226A2 - Process

Item 19.2:

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

Emission Unit: A-00001
Process: DBR Source Classification Code: 3-01-060-02
Process Description:
Diazo Batch reaction - addition of nitric acid, resulting
in the emission of nitric acid fumes through EP 2054A.

Emission Source/Control: 2054A - Process

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Item 19.3:

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

Emission Unit: A-00001

Process: DBW

Source Classification Code: 3-01-060-04

Process Description:

Diazo Batch reaction - washing and filtering of the diazo powder, resulting in the emission of nitrous oxide fumes through EP 2054B.

Emission Source/Control: 2054B - Process

Item 19.4:

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

Emission Unit: A-00001

Process: DNR

Source Classification Code: 3-01-018-14

Process Description:

10 gauge wire drawn to final specification. Ventilation is for draw and rod machines.

Emission Source/Control: 215A1 - Process

Emission Source/Control: 215A2 - Process

Item 19.5:

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

Emission Unit: A-00001

Process: DRY

Source Classification Code: 3-30-003-99

Process Description: Heated curing bays for plugs and fuse powders.

Emission Source/Control: 2009A - Process

Emission Source/Control: 2009B - Process

Item 19.6:

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

Emission Unit: A-00001

Process: EXT

Source Classification Code: 3-01-018-14

Process Description:

Gauged wire is insulated with a polypropylene-ethylene copolymer (thermo plastics). Extruder exhaust.

Emission Source/Control: 215B1 - Process



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Emission Source/Control: 215B2 - Process

Emission Source/Control: 215C1 - Process

Item 19.7:

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

Emission Unit: A-00001

Process: GRN

Source Classification Code: 3-30-003-03

Process Description:

Granulation (6 bays) - Fuse powders are mixed, granulated and wetted with butyl acetate and isopropyl alcohol. The maximum usage of the powders is one batch per 8 hours.

Emission Source/Control: 275B1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 275G1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 275H1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2075A - Process

Emission Source/Control: 2075C - Process

Emission Source/Control: 2075D - Process

Emission Source/Control: 2075E - Process

Emission Source/Control: 2075F - Process

Emission Source/Control: 2075H - Process

Item 19.8:

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

Emission Unit: A-00001

Process: LAB

Source Classification Code: 3-15-030-02

Process Description: Weighing powders in the laboratory hood.

Emission Source/Control: 275J1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2075J - Process



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Item 19.9:

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

Emission Unit: A-00001

Process: ULT

Source Classification Code: 3-30-003-99

Process Description: Ultrasonic cleaner used to wash funnels from SAC.

Emission Source/Control: 2064D - Process

Item 19.10:

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

Emission Unit: A-00001

Process: VBT

Source Classification Code: 3-30-003-01

Process Description: Fune hood # B-1 for vibertight operations.

Emission Source/Control: 2033D - Process

Item 19.11:

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

Emission Unit: B-00001

Process: DET

Source Classification Code: 3-01-402-99

Process Description: Detonation of various explosives for testing.

Emission Source/Control: 2008Z - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2009Z - Control

Control Type: FABRIC FILTER

Emission Source/Control: 258AZ - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2008A - Process

Emission Source/Control: 2009C - Process

Emission Source/Control: 2058B - Process

Emission Source/Control: 258A1 - Process

Emission Source/Control: 258A2 - Process

Item 19.12:

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



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Emission Unit: B-00001

Process: EVT

Source Classification Code: 3-13-999-99

Process Description:

Detonators undergo electrical voltage testing as a quality control check to make sure static charges do not set the detonators off.

Emission Source/Control: 2058C - Process

Item 19.13:

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

Emission Unit: C-00001

Process: COM

Source Classification Code: 1-03-004-01

Process Description:

Combustion of no.6 fuel oil in steam generating boilers.

Emission Source/Control: BLR01 - Combustion

Design Capacity: 21.4 million Btu per hour

Emission Source/Control: BLR02 - Combustion

Design Capacity: 21.4 million Btu per hour

Condition 20: Emission Unit Permissible Emissions

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7.2

Item 20.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: C-00001

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 164,850 pounds per year

Condition 21: Compliance Demonstration

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5.3(b)

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001

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Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall comply with the following:

1. The capacity of the seismic output chamber (emission source 2058B) is limited to 15 caps per an 8 hour shift.
2. The capacity of the static testing bay (emission source 2058C) is limited to 5 caps per an 8 hour shift.
3. Records must kept which indicate how many caps have been detonated each shift for each of the two emission sources specified in items 1 and 2 above.

Monitoring Frequency: PER SHIFT

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 22: Capping Monitoring Condition

Effective between the dates of 09/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7.2

Item 22.1:

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

6NYCRR 201-6

Item 22.2:

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

Item 22.3:

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

Item 22.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an



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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 22.5:

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

Item 22.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 22.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must comply with the following:

1. Sulfur dioxide emissions from the boiler stack is limited to 82.43 tons in any consecutive 12 month period.
2. Sulfur dioxide emissions shall be equal to:
$$\frac{235.5 \text{ pounds} \times \text{number of gallons of no.6 oil consumed}}{1000}$$
3. The usage of no.6 oil is limited to 700,000 gallons in any consecutive 12 month period. The facility shall maintain purchase records to indicate and track oil usage.
4. Records pertaining to items 1, 2, and 3 above shall be maintained on-site for at least five years to demonstrate compliance with the above requirements.
5. On an annual basis, the facility must submit a written certification to the NYS DEC Region 3, Division of Air Resources office, of how much sulfur dioxide was emitted from the boiler stack and how much fuel oil was consumed

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for the previous calendar year. The certification must be signed by a facility official.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2005.
Subsequent reports are due every 12 calendar month(s).