

New York State Department of Environmental Conservation
Facility DEC ID: 3551200041



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 3-5512-00041/00083
Effective Date: 01/22/2002 Expiration Date: 01/22/2007

Permit Issued To: ENGELHARD CORP
1057 LOWER SOUTH ST
PEEKSKILL, NY 10566-5302

Facility: ENGELHARD CORPORATION - PIGMENT PLANT
1057 LOWER SOUTH STREET
PEEKSKILL, NY 10566-0000

Contact: CHRISTINE ANASTOS
1057 LOWER SOUTH STREET
PEEKSKILL, NY 10566
(914) 737-2554

Description:

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
21 SOUTH PUTT CORNERS ROAD
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 ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

**Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)**

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.

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

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Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

****** 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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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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(914) 737-2554

Authorized Activity By Standard Industrial Classification Code:
2816 - INORGANIC PIGMENTS
3080 - MISCELLANEOUS PLASTICS PRODUCTS, NEC

Permit Effective Date: 01/22/2002

Permit Expiration Date: 01/22/2007



LIST OF CONDITIONS

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- 37 Compliance Certification (EU=E-U0002,EP=EP052,Proc=P02,ES=ES02C)
- 38 Compliance Certification (EU=E-U0002,EP=EP100,Proc=P02,ES=ES02A)
- 39 Compliance Certification (EU=E-U0002,EP=EP101,Proc=P02,ES=ES02B)



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- 40 Compliance Certification (EU=E-U0003,EP=EP034,Proc=P03,ES=ES03C)
- 41 Compliance Certification (EU=E-U0003,EP=EP102,Proc=P03,ES=ES03A)
- 42 Compliance Certification (EU=E-U0003,EP=EP103,Proc=P03,ES=ES03B)
- 43 Compliance Certification (EU=E-U0004,EP=EP018,Proc=P04,ES=ES04A)
- 44 Compliance Certification (EU=E-U0005,EP=EP026,Proc=P05,ES=ES05A)
- 45 Compliance Certification (EU=E-U0005,EP=EP035,Proc=P05,ES=ES05B)
- 46 Compliance Certification (EU=E-U0006,EP=EP038,Proc=P06,ES=ES06A)
- 47 Compliance Certification (EU=E-U0007,EP=EP047,Proc=P07,ES=ES07A)
- 48 Compliance Certification (EU=E-U0007,EP=EP048,Proc=P07,ES=ES07B)
- 49 Compliance Certification (EU=E-U0008,EP=EP053,Proc=P08,ES=ES08A)
- 50 Compliance Certification (EU=E-U0008,EP=EP054,Proc=P08,ES=ES08B)
- 51 Compliance Certification (EU=E-U0009,EP=EP064,Proc=P09,ES=ES09B)
- 52 Compliance Certification (EU=E-U0009,EP=EP065,Proc=P09,ES=ES09A)
- 53 Compliance Certification (EU=E-U0010,EP=EP067,Proc=P10,ES=ES10A)
- 54 Compliance Certification (EU=E-U0010,EP=EP068,Proc=P10,ES=ES10B)
- 55 Compliance Certification (EU=E-U0010,EP=EP119)
- 56 Compliance Certification (EU=E-U0011,EP=EP021,Proc=P11,ES=ES11C)
- 57 Compliance Certification (EU=E-U0011,EP=EP022,Proc=P11,ES=ES11A)
- 58 Compliance Certification (EU=E-U0011,EP=EP023,Proc=P11,ES=ES11B)
- 59 Compliance Certification (EU=E-U0012,EP=EP040,Proc=P12,ES=ES12C)
- 60 Compliance Certification (EU=E-U0012,EP=EP041,Proc=P12,ES=ES12A)
- 61 Compliance Certification (EU=E-U0012,EP=EP042,Proc=P12,ES=ES12B)
- 62 Compliance Certification (EU=E-U0013,EP=EP044,Proc=P13,ES=ES13C)
- 63 Compliance Certification (EU=E-U0013,EP=EP045,Proc=P13,ES=ES13A)
- 64 Compliance Certification (EU=E-U0013,EP=EP046,Proc=P13,ES=ES13B)
- 65 Compliance Certification (EU=E-U0014,EP=EP055,Proc=P14,ES=ES14B)
- 66 Compliance Certification (EU=E-U0014,EP=EP056,Proc=P14,ES=ES14C)
- 67 Compliance Certification (EU=E-U0014,EP=EP057,Proc=P14,ES=ES14D)
- 68 Compliance Certification (EU=E-U0015,EP=EP062,Proc=P15,ES=ES15B)
- 69 Compliance Certification (EU=E-U0015,EP=EP063,Proc=P15,ES=ES15A)
- 70 Compliance Certification (EU=E-U0016,EP=EP069)
- 71 Compliance Certification (EU=E-U0016,EP=EP070)
- 72 Compliance Certification (EU=E-U0017,EP=EP072)
- 73 Compliance Certification (EU=E-U0017,EP=EP073)
- 74 Compliance Certification (EU=E-U0018,EP=EP049)
- 75 Compliance Certification (EU=E-U0018,EP=EP050,Proc=P18,ES=ES18A)
- 76 Compliance Certification (EU=E-U0018,EP=EP051,Proc=P18,ES=ES18B)
- 77 Compliance Certification (EU=E-U0019,EP=EP074,Proc=P19,ES=ES19B)
- 78 Compliance Certification (EU=E-U0019,EP=EP075,Proc=P19,ES=ES19A)
- 79 Compliance Certification (EU=E-U001A,EP=EP001)
- 80 Compliance Certification (EU=E-U001A,EP=EP001,Proc=P1A,ES=ES01A)
- 81 Compliance Certification (EU=E-U001A,EP=EP001,Proc=P1A,ES=ES01B)
- 82 Compliance Certification (EU=E-U001B,EP=EP076)
- 83 Compliance Certification (EU=E-U001B,EP=EP076)
- 84 Compliance Certification (EU=E-U0028,EP=EP008,Proc=P28,ES=ES28A)
- 85 Compliance Certification (EU=E-U0029,EP=EP012,Proc=P29,ES=ES29A)
- 86 Compliance Certification (EU=E-U0029,EP=EP013,Proc=P29,ES=ES29B)
- 87 Compliance Certification (EU=E-U0033,EP=EP060,Proc=P33,ES=ES33A)



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- 88 Compliance Certification (EU=E-U0034,EP=EP107,Proc=P34,ES=ES34A)
- 89 Compliance Certification (EU=E-U0034,EP=EP111,Proc=P34,ES=ES34B)
- 90 Compliance Certification (EU=E-U0035,EP=EP043,Proc=P35,ES=ES35A)
- 91 Compliance Certification (EU=E-U0037,EP=EP113)
- 92 Compliance Certification (EU=E-U0038,EP=EP114)
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- 94 Emissions from new emission sources and/or modifications

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- 97 Contaminant List
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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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

Condition 3: Maintenance of equipment

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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



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Condition 4: Unpermitted Emission Sources
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

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.

Condition 5: Emergency Defense
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 5.1:

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.



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Condition 6: Recycling and Salvage
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 6.1:

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

Condition 7: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 7.1:

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

Condition 8: Public Access to Recordkeeping for Title V facilities
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-1.10(b)

Item 8.1:

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

Condition 9: Proof of Eligibility
Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 9.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 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.

Condition 10: Proof of Eligibility
Effective between the dates of 01/22/2002 and 01/22/2007



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

Item 10.1:

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.

Condition 11: Applicable Criteria, Limits, Terms, Conditions and Standards

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 11.1:

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

Item 11.2:

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

Condition 12: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 12.1:

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



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Condition 13: Compliance Requirements
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 13.1:

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by the responsible official, consistent with Section 201-6.3 of Part 201.

Item 13.2:

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

Item 13.3:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 14: Federally-Enforceable Requirements
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.



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Item 14.1:

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.

Condition 15: Fees

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 15.1:

The permittee shall pay the required fees associated with this permit.

Condition 16: Monitoring, Related Recordkeeping and Reporting Requirements

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 16.1:

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

Condition 17: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 17.1:

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.



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Condition 18: Permit Shield

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 18.1:

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

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

Condition 19: Property Rights

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 19.1:

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

Condition 20: Reopening for Cause

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 20.1:

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

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



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

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

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

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

Item 20.2:

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

Item 20.3:

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

Condition 21: Right to Inspect

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 21.1:

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

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

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

iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 22: Severability



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Applicable Federal Requirement: 6NYCRR 201-6.

Item 22.1:

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

Condition 23: Emission Unit Definition

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 23.1:

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

Emission Unit: E-U0002

Emission Unit Description:

BSP ROTARY CALCINER (EXEMPT), DUST/PRODUCT COLLECTOR FOR PRODUCT CONVEYOR (EP100), SCRUBBER (EP101), ELECTROSTATIC PRECIPITATOR (EP052), PRODUCT COLLECTOR (EP020).

Building(s): BLDG 004

Item 23.2:

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

Emission Unit: E-U0003

Emission Unit Description:

SELAS SCREW FURNACE (EXEMPT), SCRUBBERS (EP102 AND EP103), ELECTROSTATIC PRECIPITATOR (EP052), PRODUCT COLLECTOR (EP034).

Building(s): BLDG 004B

Item 23.3:

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

Emission Unit: E-U0004

Emission Unit Description:

WYSSMONT 1 TRAY DRYER (EXEMPT), PRODUCT COLLECTOR (EP018), STRAIGHT LINE VACUUM FILTER.

Building(s): BLDG 004

Item 23.4:

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



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Facility DEC ID: 3551200041

Emission Unit: E-U0005

Emission Unit Description:

WYSSMONT 2 TRAY DRYE (EXEMPT), SCRUBBER
(EP026), PRODUCT COLLECTOR (EP035), EIMCO 2
VACUUM FILTER.

Building(s): BLDG 004C

Item 23.5:

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

Emission Unit: E-U0006

Emission Unit Description:

WYSSMONT 3 TRAY DRYER (EXEMPT), SCRUBBER
(EP038).

Building(s): BLDG 004B

Item 23.6:

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

Emission Unit: E-U0007

Emission Unit Description:

WYSSMONT 4 TRAY DRYER (EXEMPT), SCRUBBER
(EP047), PRODUCT COLLECTOR (EP048), EIMCO 6
VACUUM FILTER.

Building(s): BLDG 010B

Item 23.7:

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

Emission Unit: E-U0008

Emission Unit Description:

WYSSMONT 5 TRAY DRYER (EXEMPT), SCRUBBER
(EP053), PRODUCT COLLECTOR (EP054), FEST 4
VACUUM FILTER.

Building(s): BLDG 010A

Item 23.8:

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

Emission Unit: E-U0009

Emission Unit Description:

WYSSMONT 6 TRAY DRYER (EXEMPT), SCRUBBER
(EP065), PRODUCT COLLECTOR (EP064),
STRAIGHT LINE 2 VACUUM FILTER.

Building(s): BLDG 029

Item 23.9:



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

Emission Unit: E-U0010

Emission Unit Description:

WYSSMONT 7 TRAY DRYER (EXEMPT), SCRUBBER (EP067), PRODUCT COLLECTOR (EP068), FEST 2 VACUUM FILTER, EIMCO 10 VACUUM FILTER.

Building(s): BLDG 029

Item 23.10:

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

Emission Unit: E-U0011

Emission Unit Description:

DREVER I BELT FURNACE (EP109), SWEEP GAS FROM PROCESS FURNACE (EP021), PRODUCT COLLECTORS (EP022 AND EP023), EIMCO 1 VACUUM FILTER.

Building(s): BLDG 004B

Item 23.11:

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

Emission Unit: E-U0012

Emission Unit Description:

DREVER II BELT FURNACE (EXEMPT), SWEEP GAS FROM PROCESS FURNACE (EP040), PRODUCT COLLECTORS (EP041 AND EP042), EIMCO 4 VACUUM FILTER.

Building(s): BLDG 009

Item 23.12:

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

Emission Unit: E-U0013

Emission Unit Description:

DRIVER III BELT FURNACE (EP110), SWEEP GAS FROM PROCESS FURNACE (EP044), PRODUCT COLLECTORS (EP045 AND EP046), EIMCO 5 VACUUM FILTER.

Building(s): p0BLDG 009

Item 23.13:

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

Emission Unit: E-U0014

Emission Unit Description:

UNIQUE 1 BELT FURNACE (EP104) SWEEP GAS FROM PROCESS FURNACE (EP057), PRODUCT



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COLLECTOROS (EP055 AND EP056), EIMCO 7
VACUUM FILTER.

Building(s): BLDG 010A

Item 23.14:

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

Emission Unit: E-U0015

Emission Unit Description:

UNIQUE 2 BELT FURNACE (EXEMPT), SWEEP GAS
FROM PROCESS FURNACE (EP062), PRODUCT
COLLECTOR (EP063), EIMCO 9 VACUUM FILTER.

Building(s): BLDG 029

Item 23.15:

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

Emission Unit: E-U0016

Emission Unit Description:

UNIQUE 3 BELT FURNACE (EP105), SWEEP GAS
FROM PROCESS FURNACE (EP070), PRODUCT
COLLECTORS (EP069), EIMCO 11 VACUUM
FILTER.

Building(s): BLDG 029

Item 23.16:

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

Emission Unit: E-U0017

Emission Unit Description:

UNIQUE 4 BELT FURNACE (EP106), SWEEP GAS
FROM PROCESS FURNACE (EP073), PRODUCT
COLLECTORS (EP072), EIMCO 12 VACUUM
FILTER.

Building(s): BLDG 029

Item 23.17:

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

Emission Unit: E-U0018

Emission Unit Description:

SECO BELT FURNACE (EXEMPT), SWEEP GAS FROM
PROCESS FURNACE (EP049), PRODUCT COLLECTORS
(EP050 AND EP051), EIMCO 8 VACUUM FILTER.

Building(s): BLDG 010A

Item 23.18:



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

Emission Unit: E-U0019

Emission Unit Description:

KRAUSS MAFFEI TRAY DRYER (STEAM HEATED),
SCRUBBER (EP075), PRODUCT COLLECTOR
(EP074), EIMCO 13 VACUUM FILTER.

Building(s): BLDG 027

Item 23.19:

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

Emission Unit: E-U001A

Emission Unit Description:

12.5 MMBTU/hr CLEAVER BROOKS BOILER #3 and
12.6 MMBTU/hr NORTH AMERICAN BOILER #2.
EACH BOILER IS EQUIPPED WITH LOW-NOx
BURNERS.

Building(s): BLDG 4A

Item 23.20:

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

Emission Unit: E-U001B

Emission Unit Description:

One 25.0 MMBTU/hr, CLEAVER BROOKS BOILER
#1 (EP076) operating on natural gas.

Building(s): BLDG 22

Item 23.21:

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

Emission Unit: E-U0021

Emission Unit Description:

SCRUBBER (EP025).

Building(s): BLDG 004

Item 23.22:

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

Emission Unit: E-U0022

Emission Unit Description:

SCRUBBER WITH 2 TOWERS (EP039).

Building(s): BLDG 009

Item 23.23:

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

Emission Unit: E-U0023



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Emission Unit Description:
SCRUBBER FOR PILOT PLANT (EP066).

Building(s): BLDG 029

Item 23.24:

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

Emission Unit: E-U0024

Emission Unit Description:
SCRUBBER WITH 2 TOWERS (EP071).

Building(s): BLDG 029

Item 23.25:

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

Emission Unit: E-U0025

Emission Unit Description:
VENT TO ATMOSPHERE FOR MEARLITE MIXING
TANKS (EP005).

Building(s): BLDG 003

Item 23.26:

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

Emission Unit: E-U0027

Emission Unit Description:
VENT TO ATMOSPHERE (EP058).

Building(s): BLDG 007

Item 23.27:

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

Emission Unit: E-U0028

Emission Unit Description:
BOWEN SPRAY DRYER (EXEMPT), PRODUCT
COLLECTOR (EP008).

Building(s): BLDG 003

Item 23.28:

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

Emission Unit: E-U0029

Emission Unit Description:
DUST COLLECTOR FOR AIR CLASSIFIER (EP012),
DUST COLLECTOR FOR BAG DUMPING STATION
(EP013).

Building(s): BLDG 004



Item 23.29:

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

Emission Unit: E-U0030

Emission Unit Description:

Bismuth Nitrate Solution Storage Tank (BNTA3)

Building(s): BLDG 004

Item 23.30:

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

Emission Unit: E-U0032

Emission Unit Description:

DUST COLLECTOR (EP031).

Building(s): BLDG 004

Item 23.31:

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

Emission Unit: E-U0033

Emission Unit Description:

DUST COLLECTOR (EP060).

Building(s): BLDG 009

Item 23.32:

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

Emission Unit: E-U0034

Emission Unit Description:

DUST COLLECTOR (EP107), SCRUBBER VENT
(EP111).

Building(s): BLDG 30

Item 23.33:

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

Emission Unit: E-U0035

Emission Unit Description:

PRODUCT COLLECTOR FOR CYCLONE AIR
CLASSIFIER (EP043).

Building(s): BLDG 010

Item 23.34:

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

Emission Unit: E-U0036

Emission Unit Description:

SULLAIR MODEL NO. 1506-1Q-CAT (300 HP)



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EMERGENCY DIESEL COMPRESSOR (EP108).

Building(s): BLDG 027

Item 23.35:

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

Emission Unit: E-U0037

Emission Unit Description:

Gas-fired Therma-Jet Product Dryer Equipped with a Two Stage Product Collection System

Building(s): BLDG 04D

Item 23.36:

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

Emission Unit: E-U0038

Emission Unit Description:

Air Classification of Product Solids

Building(s): BLDG 004

Item 23.37:

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

Emission Unit: E-U0039

Emission Unit Description:

Gas-fired Grieve Oven Product Dryer

Building(s): BLDG 04D

Item 23.38:

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

Emission Unit: E-U0050

Emission Unit Description:

LINES 1, 2, 3 IRRIDESCENT FILM PLANT -
VENTILATION FOR EXTRUDERS (EP500, EP501,
EP502) ELECTRIC ARC TREADERS (EP503, EP504)
AND FLUIDIZED BED (EP505).

Building(s): BLDG IF

Condition 24: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)(ii)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

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Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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(1) For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3)

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above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If any of the above conditions are met, the source must notify the permitting authority by telephone or facsimile based on the timetable listed in paragraphs (1) through (4) of this section. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of the occurrence. All deviations reported under paragraph (1) through (4) of this section must also be identified in the 6 month monitoring report required above.

If the permittee seeks to have a violation excused as provided in 201-1.4, the permittee shall report such violations as required under 201-1.4(b). However, in no case may reports of any deviation be on a less frequent basis than those described in paragraphs (1) through (4) above. 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.

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

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office



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and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 25: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit, including emission limitations, standards, or

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work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

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

The address for the RAPCE is as follows:

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

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/03.

Subsequent reports are due on the same day each year



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Condition 26: Permit Exclusion Provisions

Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 26.1:

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 27: Required emissions tests

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 27.1:

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.

Condition 28: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 202-2.1



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Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 29: Recordkeeping requirements

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 29.1:

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

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

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

Condition 30: Visible emissions limited.

Effective between the dates of 01/22/2002 and 01/22/2007

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Applicable Federal Requirement: 6NYCRR 211.3

Item 30.1:

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

Condition 31: Open Fires Prohibited at Industrial and Commercial Sites

Effective between the dates of 01/22/2002 and 01/22/2007



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Applicable Federal Requirement: 6NYCRR 215.

Item 31.1:

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.

Condition 32: Recycling and Emissions Reduction

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 32.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

Condition 33: Emission Point Definition By Emission Unit

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 33.1:

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

Emission Unit: E-U0002

Emission Point: EP020



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Height (ft.): 36	Diameter (in.): 9	
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004
Emission Point: EP052		
Height (ft.): 59	Diameter (in.): 20	
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004
Emission Point: EP100		
Height (ft.): 36	Length (in.): 8	Width (in.): 8
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004
Emission Point: EP101		
Height (ft.): 36	Diameter (in.): 10	
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004

Item 33.2:

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

Emission Unit: E-U0003		
Emission Point: EP034		
Height (ft.): 36	Diameter (in.): 8	
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004B
Emission Point: EP102		
Height (ft.): 36	Diameter (in.): 12	
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004B
Emission Point: EP103		
Height (ft.): 36	Diameter (in.): 12	
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004B

Item 33.3:

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

Emission Unit: E-U0004		
Emission Point: EP018		
Height (ft.): 34	Diameter (in.): 9	
NYTMN (km.): 4571.2	NYTME (km.): 589.5	Building: BLDG 004

Item 33.4:

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

Emission Unit: E-U0005	
Emission Point: EP026	
Height (ft.): 32	Diameter (in.): 10



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NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004C

Emission Point: EP035

Height (ft.): 32

Diameter (in.): 8

NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004C

Item 33.5:

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

Emission Unit: E-U0006

Emission Point: EP038

0

Height (ft.): 52

Diameter (in.): 20

NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004B

Item 33.6:

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

Emission Unit: E-U0007

Emission Point: EP047

Height (ft.): 59

Diameter (in.): 18

NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010B

Emission Point: EP048

Height (ft.): 55

Diameter (in.): 10

NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010B

Item 33.7:

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

Emission Unit: E-U0008

Emission Point: EP053

Height (ft.): 35

Diameter (in.): 12

NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010A

Emission Point: EP054

Height (ft.): 33

Diameter (in.): 8

NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010A

Item 33.8:

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

Emission Unit: E-U0009

Emission Point: EP064



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Facility DEC ID: 3551200041

Height (ft.): 32 Diameter (in.): 8
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP065
Height (ft.): 33 Diameter (in.): 8
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Item 33.9:

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

Emission Unit: E-U0010

Emission Point: EP067
Height (ft.): 12 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP068
Height (ft.): 32 Diameter (in.): 8
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP119
Height (ft.): 54 Diameter (in.): 10
Building: BLDG 029

Item 33.10:

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

Emission Unit: E-U0011

Emission Point: EP021
Height (ft.): 36 Diameter (in.): 14
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004B

Emission Point: EP022
Height (ft.): 33 Diameter (in.): 8
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004B

Emission Point: EP023
Height (ft.): 33 Diameter (in.): 8
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004B

Emission Point: EP109
Height (ft.): 32 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004B

Item 33.11:

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



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Facility DEC ID: 3551200041

Emission Unit: E-U0012

Emission Point: EP040

Height (ft.): 36

NYTMN (km.): 4571.2

Diameter (in.): 12

NYTME (km.): 589.5

Building: BLDG 009

Emission Point: EP041

Height (ft.): 36

NYTMN (km.): 4571.2

Diameter (in.): 10

NYTME (km.): 589.5

Building: BLDG 009

Emission Point: EP042

Height (ft.): 36

NYTMN (km.): 4571.2

Diameter (in.): 10

NYTME (km.): 589.5

Building: BLDG 009

Item 33.12:

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

Emission Unit: E-U0013

Emission Point: EP044

Height (ft.): 38

NYTMN (km.): 4571.2

Diameter (in.): 12

NYTME (km.): 589.5

Building: BLDG 009

Emission Point: EP045

Height (ft.): 36

NYTMN (km.): 4571.2

Diameter (in.): 12

NYTME (km.): 589.5

Building: BLDG 009

Emission Point: EP046

Height (ft.): 36

NYTMN (km.): 4571.2

Diameter (in.): 12

NYTME (km.): 589.5

Building: BLDG 009

Emission Point: EP110

Height (ft.): 42

NYTMN (km.): 4571.2

Length (in.): 28

NYTME (km.): 589.5

Width (in.): 28

Building: BLDG 009

Item 33.13:

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

Emission Unit: E-U0014

Emission Point: EP055

Height (ft.): 41

NYTMN (km.): 4571.2

Diameter (in.): 10

NYTME (km.): 589.5

Building: BLDG 010A

Emission Point: EP056

Height (ft.): 41

NYTMN (km.): 4571.2

Diameter (in.): 10

NYTME (km.): 589.5

Building: BLDG 010A



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Emission Point: EP057
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010A

Emission Point: EP104
Height (ft.): 45 Length (in.): 44 Width (in.): 32
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010A

Item 33.14:

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

Emission Unit: E-U0015

Emission Point: EP062
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP063
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Item 33.15:

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

Emission Unit: E-U0016

Emission Point: EP069
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP070
Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP105
Height (ft.): 41 Length (in.): 36 Width (in.): 24
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Item 33.16:

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

Emission Unit: E-U0017

Emission Point: EP072
Height (ft.): 42 Diameter (in.): 10
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP073



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Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Emission Point: EP106
Height (ft.): 41 Length (in.): 36 Width (in.): 24
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 029

Item 33.17:

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

Emission Unit: E-U0018

Emission Point: EP049
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010A

Emission Point: EP050
Height (ft.): 42 Diameter (in.): 10
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010A

Emission Point: EP051
Height (ft.): 35 Diameter (in.): 10
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 010A

Item 33.18:

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

Emission Unit: E-U0019

Emission Point: EP074
Height (ft.): 38 Diameter (in.): 8
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 027

Emission Point: EP075
Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 027

Item 33.19:

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

Emission Unit: E-U001A

Emission Point: EP001
Height (ft.): 41 Diameter (in.): 30
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 4A

Item 33.20:



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

Emission Unit: E-U001B

Emission Point: EP076

Height (ft.): 42

Diameter (in.): 30

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 22

Item 33.21:

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

Emission Unit: E-U0021

Emission Point: EP025

Height (ft.): 46

Diameter (in.): 18

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 004

Item 33.22:

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

Emission Unit: E-U0022

Emission Point: EP039

Height (ft.): 36

Diameter (in.): 30

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 009

Item 33.23:

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

Emission Unit: E-U0023

Emission Point: EP066

Height (ft.): 33

Diameter (in.): 18

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 029

Item 33.24:

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

Emission Unit: E-U0024

Emission Point: EP071

Height (ft.): 40

Diameter (in.): 36

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 029

Item 33.25:

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

Emission Unit: E-U0025



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Emission Point: EP005
Height (ft.): 15 Diameter (in.): 12
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 003

Item 33.26:

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

Emission Unit: E-U0027

Emission Point: EP058
Height (ft.): 21 Diameter (in.): 3
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 007

Item 33.27:

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

Emission Unit: E-U0028

Emission Point: EP008
Height (ft.): 27 Diameter (in.): 20
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 003

Item 33.28:

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

Emission Unit: E-U0029

Emission Point: EP012
Height (ft.): 30 Length (in.): 10 Width (in.): 10
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004

Emission Point: EP013
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004

Item 33.29:

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

Emission Unit: E-U0030

Emission Point: EP112
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4571.2 NYTME (km.): 589.5 Building: BLDG 004

Item 33.30:

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



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Emission Unit: E-U0033

Emission Point: EP060

Height (ft.): 20

Diameter (in.): 8

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 009

Item 33.31:

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

Emission Unit: E-U0034

Emission Point: EP107

Height (ft.): 57

Length (in.): 17

Width (in.): 12

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 30

Emission Point: EP111

Height (ft.): 42

Diameter (in.): 6

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 30

Item 33.32:

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

Emission Unit: E-U0035

Emission Point: EP043

Height (ft.): 40

Diameter (in.): 20

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 010

Item 33.33:

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

Emission Unit: E-U0036

Emission Point: EP108

Height (ft.): 0

Length (in.): 17

Width (in.): 12

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 027

Item 33.34:

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

Emission Unit: E-U0037

Emission Point: EP113

Height (ft.): 32

Diameter (in.): 12

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 04D

Item 33.35:

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

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Emission Unit: E-U0038

Emission Point: EP114

Height (ft.): 42

Diameter (in.): 8

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 004

Item 33.36:

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

Emission Unit: E-U0039

Emission Point: EP115

Height (ft.): 41

Diameter (in.): 9

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG 04D

Item 33.37:

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

Emission Unit: E-U0050

Emission Point: EP500

Height (ft.): 36

Diameter (in.): 18

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG IF

Emission Point: EP501

Height (ft.): 23

Diameter (in.): 14

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG IF

Emission Point: EP502

Height (ft.): 26

Diameter (in.): 14

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG IF

Emission Point: EP503

Height (ft.): 33

Diameter (in.): 6

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG IF

Emission Point: EP504

Height (ft.): 33

Diameter (in.): 6

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG IF

Emission Point: EP505

Height (ft.): 21

Diameter (in.): 4

NYTMN (km.): 4571.2

NYTME (km.): 589.5

Building: BLDG IF

Condition 34: Process Definition By Emission Unit

Effective between the dates of 01/22/2002 and 01/22/2007

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Applicable Federal Requirement: 6NYCRR 201-6.

Item 34.1:

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

Emission Unit: E-U0002

Process: P02

Source Classification Code: 3-01-035-01

Process Description:

AN 8.0 MMBTU/HR NATURAL GAS FIRED BSP ROTARY CALCINER THAT IS USED TO PRODUCE SLURRY INTO CLASSIFIED COATED PRODUCTS (SULFATES OR CHLORIDES). THE SLURRY IS TYPICALLY RECEIVED FROM THE WYSSMONT 1 TRAY DRYER (PROCESS P04). THIS PRODUCT IS TRANSFERRED FROM THE CALCINER THROUGH AN AIR CLASSIFIER AND A PRODUCT COLLECTOR THAT FEEDS THE PRODUCT INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN DISCHARGED BY THE PRODUCT COLLECTOR TO THE ATMOSPHERE. THE PROCESS GASES ARE ROUTED THROUGH A VENTURI ROD SCRUBBER THAT IS TIED IN TO A WET ELECTROSTATIC PRECIPITATOR.

Emission Source/Control: ES02A - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES02B - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES02C - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES02D - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES02P - Process

Item 34.2:

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

Emission Unit: E-U0003

Process: P03

Source Classification Code: 3-01-035-01

Process Description:

A 6.24 MMBTU/HR GAS FIRED SELAS SCREW FURNACE THAT IS USED TO PRODUCE SLURRY INTO CLASSIFIED COATED PRODUCTS (SULFATES OR CHLORIDES). THE SLURRY IS TYPICALLY

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RECEIVED FROM THE WYSSMONT 3 TRAY DRYER (PROCESS P06). THE PRODUCT IS TRANSFERRED FROM THE CALCINER THROUGH AN AIR CLASSIFIER AND A PRODUCT COLLECTOR THAT FEEDS THE PRODUCT INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN/DISCHARGED BY THE PRODUCT COLLECTOR TO THE ATMOSPHERE. THE PROCESS GASES ARE ROUTED THROUGH ONE OF TWO VENTURI ROD SCRUBBERS - BOTH OF WHICH ARE TIED INTO A WET ELECTROSTATIC PRECIPITATOR (P02).

Emission Source/Control: ES03A - Control
Control Type: WET SCRUBBER

Emission Source/Control: ES03B - Control
Control Type: WET SCRUBBER

Emission Source/Control: ES03C - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES03P - Process

Item 34.3:

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

Emission Unit: E-U0004

Process: P04

Source Classification Code: 3-01-900-04

Process Description:

A STRAIGHT LINE VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 1.0 MMBTU/HR NATURAL GAS FIRED WYSSMONT 1 TRAY DRYER. THE SLURRY IS THEN DRIED IN THE DRYER AND TRANSFERRED INTO EITHER THE BSP ROTARY CALCINER (PROCESS P01) OR TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN/DISCHARGED BY THE PRODUCT COLLECTOR TO THE ATMOSPHERE.

Emission Source/Control: ES04A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES04P - Process

Item 34.4:

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

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Emission Unit: E-U0005

Process: P05

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 2 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 1.0 MMBTU/HR NATURAL GAS FIRED WYSSMONT 2 TRAY DRYER. THE SLURRY IS THEN DRIED IN THE DRYER AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN A PRODUCT COLLECTOR. THE PROCESS GASES ARE ROUTED THROUGH A VENTURI ROD SCRUBBER.

Emission Source/Control: ES05A - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES05B - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES05P - Process

Item 34.5:

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

Emission Unit: E-U0006

Process: P06

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 3 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 3.0 MMBTU/HR NATURAL GAS FIRED WYSSMONT 3 TRAY DRYER. THE SLURRY IS THEN DRIED IN THE DRYER AND TRANSFERRED DIRECTLY INTO THE SELAS SCREW FURNACE (PROCESS P02). THE PROCESS GASES ARE ROUTED THROUGH A VENTURI ROD SCRUBBER.

Emission Source/Control: ES06A - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES06P - Process

Item 34.6:

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

Emission Unit: E-U0007

Process: P07

Source Classification Code: 3-01-900-04

Process Description:

An EIMCO 6 Vacuum Filter that feeds process slurry into a 3.0 MMBTU/hr natural gas-fired Wyssmont 4 Tray Dryer. The slurry is then dried in the dryer and transferred into



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tote bins; the product fines generated through the conveying process are captured in a product collector. The process gases are routed through a venturi rod scrubber.

Emission Source/Control: ES07A - Control
Control Type: WET SCRUBBER

Emission Source/Control: ES07B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES07P - Process

Item 34.7:

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

Emission Unit: E-U0008

Process: P08

Source Classification Code: 3-01-900-04

Process Description:

A FEST 4 Vacuum Filter that feeds process slurry into a 1.0 MMBTU/hr natural gas-fired Wyssmont 4 Tray Dryer. The slurry is then dried in the dryer and transferred into tote bins; the product fines generated through the conveying process are captured in a product collector. The process gases are routed through a venturi rod scrubber.

Emission Source/Control: ES08A - Control
Control Type: WET SCRUBBER

Emission Source/Control: ES08B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES08P - Process

Item 34.8:

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

Emission Unit: E-U0009

Process: P09

Source Classification Code: 3-01-900-04

Process Description:

A STRAIGHT LINE 2 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO AN 0.8 MMBTU/HR NATURAL GAS FIRED WYSSMONT 6 TRAY DRYER. THE SLURRY IS THEN DRIED IN THE DRYER AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAP TURED IN A PRODUCT COLLECTOR. THE PROCESS GASES

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ARE ROUTED THROUGH A VENTURI ROD SCRUBBER.

Emission Source/Control: ES09A - Control
Control Type: WET SCRUBBER

Emission Source/Control: ES09B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES09P - Process

Item 34.9:

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

Emission Unit: E-U0010

Process: P10

Source Classification Code: 3-01-900-04

Process Description:

A FEST 2 VACUUM FILTER AND AN EIMCO 10 VACUUM FILTER THAT FEED PROCESS SLURRY INTO A 1.2 MMBTU/HR NATURAL GAS FIRED WYSSMONT 7 TRAY DRYER. THE SLURRY IS THEN DRIED IN THE DRYER AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN A PRODUCT COLLECTOR. THE PROCESS GASES ARE ROUTED THROUGH A VENTURI ROD SCRUBBER.

Emission Source/Control: ES10A - Control
Control Type: WET SCRUBBER

Emission Source/Control: ES10B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES10C - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES10P - Process

Item 34.10:

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

Emission Unit: E-U0011

Process: P11

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 1 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 11.31 MMBTU/HR NATURAL GAS FIRED DREVER 1 BELT FURNACE. THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE PRODUCT

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FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAP TURED IN PRODUCT COLLECTOR(S). THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

Emission Source/Control: ES11D - Combustion

Emission Source/Control: ES11A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES11B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES11C - Process

Item 34.11:

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

Emission Unit: E-U0012

Process: P12

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 4 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO AN 8.5 MMBTU/HR NATURAL GAS FIRED DREVER II BELT FURNACE. THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAP TURED IN PRODUCT COLLECTOR(S). THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

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Emission Source/Control: ES12A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES12B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES12C - Process

Item 34.12:

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

Emission Unit: E-U0013

Process: P13

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 5 VACUUM FILTER THAT FEEDS



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PROCESS SLURRY INTO AN 11.31 MMBTU/HR NATURAL GAS FIRED DREVER III BELT FURNACE. THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN PRODUCT COLLECTOR(S). THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

Emission Source/Control: ES13D - Combustion

Emission Source/Control: ES13A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES13B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES13C - Process

Item 34.13:

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

Emission Unit: E-U0014

Process: P14

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 7 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 12.0 MMBTU/HR NATURAL GAS FIRED UNIQUE 1 BELT FURNACE. THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN PRODUCT COLLECTOR(S). THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

Emission Source/Control: ES14A - Combustion

Emission Source/Control: ES14B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES14C - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES14D - Process

Item 34.14:

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

Emission Unit: E-U0015

Process: P15

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 9 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 7.0 MMBTU/HR NATURAL GAS FIRED UNIQUE 2 FELT FURNACE (FOR THE PILOT PLANT). THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVE YING PROCESS ARE CAPTURED IN A PRODUCT COLLECTOR. THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

Emission Source/Control: ES15A - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES15B - Process

Item 34.15:

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

Emission Unit: E-U0016

Process: P16

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 11 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 12.0 MMBTU/HR NATURAL GAS FIRED UNIQUE 3 BELT FURNACE. THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAP TURED IN PRODUCT COLLECTOR(S). THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

Emission Source/Control: ES16A - Combustion

Emission Source/Control: ES16B - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES16C - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES16D - Process

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Item 34.16:

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

Emission Unit: E-U0017

Process: P17

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 12 VACUUM FILTER THAT FEEDS PROCESS SLURRY INTO A 12.0 MMBTU/HR NATURAL GAS FIRED UNIQUE 4 BELT FURNACE. THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE PRODUCT FINES GENERATED THROUGH THE CONVEYING PROCESS ARE CAPTURED IN PRODUCT COLLECTOR(S). THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

Emission Source/Control: ES17A - Combustion

Emission Source/Control: ES17B - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES17C - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES17D - Process

Item 34.17:

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

Emission Unit: E-U0018

Process: P18

Source Classification Code: 3-01-900-04

Process Description:

AN EIMCO 8 VACUUM FILTER AND A FEST 3 ROTARY FILTER THAT FEED PROCESS SLURRY INTO A 5.06 MMBTU/HR NATURAL GAS FIRED SECO BELT FURNACE. THE SLURRY IS THEN PROCESSED IN THE FURNACE AND TRANSFERRED INTO TOTE BINS; THE FINES GENERATED THROUGH THE PRODUCT CONVEYING PROCESS ARE CAPTURED IN PRODUCT COLLECTOR(S). THE SWEEP GAS FROM THE PROCESS FURNACE DISCHARGES DIRECTLY TO THE ATMOSPHERE.

Emission Source/Control: ES18A - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES18B - Control

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Control Type: FABRIC FILTER

Emission Source/Control: ES18C - Process

Item 34.18:

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

Emission Unit: E-U0019

Process: P19

Source Classification Code: 3-01-035-53

Process Description:

AN EIMCO 13 VACUUM FILTER THAT FEEDS
PROCESS SLURRY INTO A STEAM HEATED KRAUSS
MAFFEI TRAY DRYER. THE SLURRY IS THEN DRIED
IN THE DRYER AND TRANSFERRED INTO TOTE
BINS; THE PRODUCT FINES GENERATED THROUGH
THE CONVEYING PROCESS ARE CAPTURED IN A
PRODUCT COLLECTOR. THE PROCESS GASES ARE
ROUTED THROUGH A VENTURI SCRUBBER.

Emission Source/Control: ES19A - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES19B - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES19P - Process

Item 34.19:

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

Emission Unit: E-U001A

Process: P1A

Source Classification Code: 1-02-006-02

Process Description:

TWO NATURAL GAS FIRED BOILERS I.E, A 12.55
MMBTU/HR CLEAVER BROOKS, A 12/6 MMBTU/HR
NORTH AMERICAN) THAT ARE USED TO PRODUCE
STEAM FOR THE PEEKSKILL PLANT.

Emission Source/Control: ES01A - Combustion

Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES01B - Combustion

Design Capacity: 12.5 million Btu per hour

Item 34.20:

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

Emission Unit: E-U001B



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Process: P1B

Source Classification Code: 1-02-006-02

Process Description:

ONE NATURAL GAS FIRED BOILER (I.E. A 25.11
MMBTU/HR CLEAVER BROOKS) THAT IS USED TO
PRODUCE STEAM FOR THE PEEKSKILL PLANT.

Emission Source/Control: ES01C - Combustion

Design Capacity: 25 million Btu per hour

Item 34.21:

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

Emission Unit: E-U0021

Process: P21

Source Classification Code: 3-01-035-54

Process Description:

THE VENTING OF STORAGE TANKS AND PROCESS
VESSELS THROUGH A PACKED TOWER CAUSTIC
SCRUBBER THAT IS USED TO CONTROL HCl
FUMES.

Emission Source/Control: ES21A - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES21P - Process

Item 34.22:

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

Emission Unit: E-U0022

Process: P22

Source Classification Code: 3-01-035-54

Process Description:

THE VENTING OF STORAGE TANKS AND PROCESS
VESSELS THROUGH A PACKED TOWER CAUSTIC
SCRUBBER THAT IS USED TO CONTROL HCl
FUMES.

Emission Source/Control: ES22A - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES22B - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES22P - Process

Item 34.23:

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

Emission Unit: E-U0023



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Process: P23

Source Classification Code: 3-01-035-54

Process Description:

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THE VENTING OF STORAGE TANKS AND REACTOR
EXHAUST STREAMS - ASSOCIATED WITH THE PILOT
PLANT - THROUGH A PACKED TOWER CAUSTIC
SCRUBBER THAT IS USED TO CONTROL HCl
FUMES.

Emission Source/Control: ES23A - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES23P - Process

Item 34.24:

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

Emission Unit: E-U0024

Process: P24

Source Classification Code: 3-01-035-54

Process Description:

THE VENTING OF STORAGE TANKS AND PROCESS
VESSELS THROUGH PACKED TOWER CAUSTIC
SCRUBBERS THAT ARE USED TO CONTROL HCl
FUMES.

Emission Source/Control: ES24A - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES24B - Control

Control Type: WET SCRUBBER

Emission Source/Control: ES24P - Process

Item 34.25:

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

Emission Unit: E-U0025

Process: P25

Source Classification Code: 3-01-014-01

Process Description:

A VENT TO THE ATMOSPHERE FOR FIVE MEARLITE
MIXING TANKS (I.E., A DUMP TANK, A BISMUTH
SOLUTION TANK, A BISMUTH SOLUTION MAKE UP
TANK, A FEED TANK, AND A WASH TANK.

Emission Source/Control: ES25A - Process

Emission Source/Control: ES25B - Process



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Emission Source/Control: ES25C - Process

Emission Source/Control: ES25D - Process

Emission Source/Control: ES25E - Process

Item 34.26:

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

Emission Unit: E-U0027

Process: P27

Source Classification Code: 3-01-011-98

Process Description:

A VENT TO THE ATMOSPHERE FOR A 3,000
GALLON HCl STORAGE TANK (I.E. TANK NO.
HHCL2).

Emission Source/Control: ES27A - Process

Item 34.27:

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

Emission Unit: E-U0028

Process: P28

Source Classification Code: 3-01-900-04

Process Description:

A 1.9 MMBTU/HR NATURAL GAS FIRED BOWEN
SPRAY DRYER THAT IS USED FOR THE DRYING OF
PIGMENTS FROM WATER SUSPENSIONS. THE
PROCESS SLURRY IS PROCESSED IN THE DRYER A
ND TRANSFERRED INTO THE BINS; THE PRODUCT
FINES GENERATED THROUGH THE CONVEYING
PROCESS ARE CAPTURED IN A PRODUCT
COLLECTOR.

Emission Source/Control: ES28A - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES28P - Process

Item 34.28:

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

Emission Unit: E-U0029

Process: P29

Source Classification Code: 3-01-035-54

Process Description:

A DUST COLLECTOR THAT IS USED TO COLLECT
FINES GENERATED BY A REMA II BAG DUMPING
STATION FOLLOWED BY A REMA II AIR
CLASSIFIER AND A PRODUCT COLLECTOR, WHICH



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CAPTURES THE PRODUCT FINES GENERATED VIA THIS PROCESS, AND CONVEYS THE PRODUCT INTO M1 AND M2.

Emission Source/Control: ES29A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES29B - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES29P - Process

Item 34.29:

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

Emission Unit: E-U0030
Process: P30
Process Description:
Vent from Bismuth Nitrate Solution Storage Tank (BNTA3).
Source Classification Code: 3-01-035-54

Emission Source/Control: ES30A - Process

Item 34.30:

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

Emission Unit: E-U0032
Process: P32
Process Description:
A PERSONAL HYGIENE BOOTH THAT IS EQUIPPED WITH A DUST COLLECTOR USED TO COLLECT PRODUCT FINES.
Source Classification Code: 3-01-035-99

Emission Source/Control: ES32A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES32P - Process

Item 34.31:

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

Emission Unit: E-U0033
Process: P33 s20
Process Description:
A MIX TANK, WHICH IS USED FOR THE DUMPING OF OFF-SPEC PRODUCT, THAT IS EQUIPPED WITH A DUST COLLECTOR USED TO COLLECT PRODUCT FINES.
Source Classification Code: 3-01-035-54

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Emission Source/Control: ES33A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES33P - Process

Item 34.32:

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

Emission Unit: E-U0034

Process: P34

Source Classification Code: 3-01-035-54

Process Description:

A PRODUCT COLLECTOR THAT IS USED TO CONTROL EMISSIONS GENERATED DURING THE UNLOADING OF HYDRATED LIME FROM A BULK TRAILER TO THE OUTSIDE STORAGE TANK. THE PRODUCT COLLECTOR DISCHARGES TO AN ENCLOSURE AT THE TOP OF THE LIME SILO THAT IS NOT COMPLETELY SEAL ED. A PREVIOUSLY PERMITTED SCRUBBER, WHICH IS NOT IN SERVICE, THAT ACTS AS AN EMISSION POINT WHEN MATERIAL IS BEING TRANSFERRED TO THE LIME SLURRY TANK.

Emission Source/Control: ES34A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES34B - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: ES34P - Process

Item 34.33:

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

Emission Unit: E-U0035

Process: P35

Source Classification Code: 3-01-035-54

Process Description:

A PRODUCT COLLELCTOR FOR A CYCLONE AIR CLASSIFIER THAT SEPARATES OUT THE FINER MICA.

Emission Source/Control: ES35A - Control
Control Type: FABRIC FILTER

Emission Source/Control: ES35P - Process

Item 34.34:

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

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Emission Unit: E-U0036

Process: P36

Source Classification Code: 2-01-001-02

Process Description:

A PORTABLE SULLAIR MODEL NO. 1506-1Q-CAT
(300 HP) DIESEL-FIRED EMERGENCY COMPRESSOR
THAT IS USED FOR BACKUP POWER GENERATION.

Emission Source/Control: ES36A - Combustion

Item 34.35:

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

Emission Unit: E-U0037

Process: P37

Source Classification Code: 3-01-035-53

Process Description:

Gas-fired Terma-Jet Product Dryer Equipped with a
Two-Stage Product Collection System.

Emission Source/Control: ES37A - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES37P - Process

Item 34.36:

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

Emission Unit: E-U0038

Process: P38

Source Classification Code: 3-01-035-99

Process Description: Air Classification of Product Solids

Emission Source/Control: ES38A - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES38P - Process

Item 34.37:

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

Emission Unit: E-U0039

Process: P39

Source Classification Code: 3-01-035-53

Process Description: Gas-Fired Grieve Oven Product Dryer

Emission Source/Control: ES39A - Combustion

Item 34.38:

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



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Emission Unit: E-U0050

Process: P50

Source Classification Code: 3-01-018-09

Process Description:

THE IF PLANT PROCESSES PLASTIC PELLETS THAT IT STORES IN FOUR SILOS LOCATED OUTSIDE OF THE PLANT. OPERATIONS WITHIN THE PLANT INCLUDE THREE PLASTIC FILM EXTRUDERS THAT VENT TO THE ATMOSPHERE VIA A FILTER; THE FILTER MEDIA IS NOT REGENERATED AND IS DISPOSE D OF IN AN ENERGY RECOVERY FACILITY. THE PLANT ALSO INCLUDES TWO ELECTRIC ARC TREATERS THAT ARE USED TO TREAT PLASTIC FILM AND ONE ELECTRICALLY HEATED FLUIDIZED BED THAT IS USED TO COMBUST DIE SOLID RESIDUE.

Emission Source/Control: ES50A - Process

Emission Source/Control: ES50B - Process

Emission Source/Control: ES50C - Process

Emission Source/Control: ES50D - Process

Emission Source/Control: ES50E - Process

Emission Source/Control: ES50F - Process

0Condition 35: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0002 Emission Point: EP020
Process: P02 Emission Source: ES02D

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than



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0.050 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: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 36: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0002 Emission Point: EP052

Process: P02 Emission Source: ES02C

Regulated Contaminant(s):

CAS No: 007446-11-9 SULFUR TRIOXIDE

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner/operator shall operate and maintain the control equipment (electrostatic precipitator) in accordance with the manufacturer's operating procedures, instructions and requirements. A copy of the manufacturer's operating procedures, instructions, and requirements shall be maintained with the permit for this facility at all times, and shall be retained for a period of not less than five (5) years.

The facility owner/operator will inspect the control equipment daily. If the control equipment is not operating as required, corrective action is required.

The facility owner/operator will maintain a log and/or



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records which will indicate the results of the daily inspections, routing maintenance activities, and any repairs and/or corrective actions taken. The log and/or records are to be maintained on-site for a period of five years.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/02.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0002 Emission Point: EP052
Process: P02 Emission Source: ES02C

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than 0.150 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
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/02.
Subsequent reports are due every 6 calendar month(s).

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Condition 38: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0002 Emission Point: EP100
Process: P02 Emission Source: ES02A

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

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 39: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0002 Emission Point: EP101
Process: P02 Emission Source: ES02B

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

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Facility DEC ID: 3551200041



Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 40: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0003 Emission Point: EP034
Process: P03 Emission Source: ES03C

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf



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Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 41: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0003 Emission Point: EP102

Process: P03 Emission Source: ES03A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than

0.050 grains of particulates per cubic foot of exhaust

gas, expressed at standard conditions on a dry gas basis.

Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 42: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 42.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Emission Unit: E-U0003 Emission Point: EP103
Process: P03 Emission Source: ES03B

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

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 43: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0004 Emission Point: EP018
Process: P04 Emission Source: ES04A

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

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

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: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 44: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0005 Emission Point: EP026
Process: P05 Emission Source: ES05A

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

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than
0.050 grains of particulates per cubic foot of exhaust
gas, expressed at standard conditions on a dry gas basis.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 45: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0005 Emission Point: EP035
Process: P05 Emission Source: ES05B

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

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 46: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0006 Emission Point: EP038
Process: P06 Emission Source: ES06A

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

Item 46.2:



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 47: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0007 Emission Point: EP047
Process: P07 Emission Source: ES07A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 48: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0007 Emission Point: EP048
Process: P07 Emission Source: ES07B

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

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 49: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0008 Emission Point: EP053



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Process: P08

Emission Source: ES08A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 50: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0008 Emission Point: EP054

Process: P08 Emission Source: ES08B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041



the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

abMonitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 51: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0009 Emission Point: EP064

Process: P09 Emission Source: ES09B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than

0.050 grains of particulates per cubic foot of exhaust

gas, expressed at standard conditions on a dry gas basis.

Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 52: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0009 Emission Point: EP065
Process: P09 Emission Source: ES09A

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

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 53: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0010 Emission Point: EP067
Process: P10 Emission Source: ES10A

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

Item 53.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 54: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0010 Emission Point: EP068
Process: P10 Emission Source: ES10B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 55: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0010 Emission Point: EP119

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 56: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0011 Emission Point: EP021

Process: P11 Emission Source: ES11C

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

CAS No: 0NY075-00-0 PARTICULATES

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 57: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0011 Emission Point: EP022

Process: P11 Emission Source: ES11A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 58: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0011 Emission Point: EP023
Process: P11 Emission Source: ES11B

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than
0.050 grains of particulates per cubic foot of exhaust
gas, expressed at standard conditions on a dry gas basis.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 59: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 59.1:



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

The Compliance Certification activity will be performed for:

Emission Unit: E-U0012 Emission Point: EP040
Process: P12 Emission Source: ES12C

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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than
0.050 grains of particulates per cubic foot of exhaust
gas, expressed at standard conditions on a dry gas basis.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 60: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0012 Emission Point: EP041
Process: P12 Emission Source: ES12A

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

0.050 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: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 61: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0012 Emission Point: EP042
Process: P12 Emission Source: ES12B

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

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Condition 62: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0013 Emission Point: EP044
Process: P13 Emission Source: ES13C

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

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 63: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

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Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0013 Emission Point: EP045
Process: P13 Emission Source: ES13A

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



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 64: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0013 Emission Point: EP046

Process: P13 Emission Source: ES13B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 65: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0014 Emission Point: EP055
Process: P14 Emission Source: ES14B

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

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 66: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 66.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Emission Unit: E-U0014 Emission Point: EP056
Process: P14 Emission Source: ES14C

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

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 67: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0014ab Emission Point: EP057
Process: P14 Emission Source: ES14D

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

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 68: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0015 Emission Point: EP062
Process: P15 Emission Source: ES15B

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

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.
Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 69: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007



Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0015 Emission Point: EP063
Process: P15 Emission Source: ES15A

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

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 70: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0016 Emission Point: EP069

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

Item 70.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 71: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0016 Emission Point: EP070

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 72: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0017 Emission Point: EP072

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 73: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0017 Emission Point: EP073

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 74: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0018 Emission Point: EP049

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 75: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0018 Emission Point: EP050
Process: P18 Emission Source: ES18A

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

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 76: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0018 Emission Point: EP051



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Process: P18

Emission Source: ES18B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 77: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0019 Emission Point: EP074

Process: P19 Emission Source: ES19B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

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the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 78: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0019 Emission Point: EP075

Process: P19 Emission Source: ES19A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than

0.050 grains of particulates per cubic foot of exhaust

gas, expressed at standard conditions on a dry gas basis.

Compliance testing will be conducted at the discretion of

the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 79: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041



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

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U001A Emission Point: EP001

Item 79.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: ANNUALLY

0 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 80: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U001A Emission Point: EP001

Process: P1A

Emission Source: ES01A

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the



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Facility DEC ID: 3551200041

following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/03.
Subsequent reports are due every 12 calendar month(s).

Condition 81: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U001A Emission Point: EP001
Process: P1A Emission Source: ES01B

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/03.
Subsequent reports are due every 12 calendar month(s).

Condition 82: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U001B Emission Point: EP076



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Item 82.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 83: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U001B Emission Point: EP076

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

The initial report is due 1/30/03.
Subsequent reports are due every 12 calendar month(s).

Condition 84: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0028 Emission Point: EP008
Process: P28 Emission Source: ES28A

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

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Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 85: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0029 Emission Point: EP012
Process: P29 Emission Source: ES29A



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 86: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0029 Emission Point: EP013

Process: P29 Emission Source: ES29B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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



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Permit ID: 3-5512-00041/00083

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Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 87: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0033 Emission Point: EP060
Process: P33 Emission Source: ES33A

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

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than
0.050 grains of particulates per cubic foot of exhaust
gas, expressed at standard conditions on a dry gas basis.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 88: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041



Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0034 Emission Point: EP107
Process: P34 Emission Source: ES34A

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

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 89: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0034 Emission Point: EP111
Process: P34 Emission Source: ES34B

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

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 90: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0035 Emission Point: EP043
Process: P35 Emission Source: ES35A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 90.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED



New York State Department of Environmental Conservation

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Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 91: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0037 Emission Point: EP113

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 92: Compliance Certification
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0038 Emission Point: EP114

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 93: Compliance Certification

Effective between the dates of 01/22/2002 and 01/22/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-U0039 Emission Point: EP115

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING



New York State Department of Environmental Conservation

Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 94: Emissions from new emission sources and/or modifications
Effective between the dates of 01/22/2002 and 01/22/2007**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 94.1:

This Condition applies to Emission Unit: E-U0050

Item 94.2:

This emission unit will not require any degree of air cleaning for the contaminant TDI (toluene-2,4-diisocyanate) under the conditions of operation as they are stated by the applicant. If at any time in the future any of the operating conditions change, the Department will be notified, and the permit conditions reviewed to determine if any air cleaning is required, by 6 NYCRR Part 212.9(b), Table 2.



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

Condition 95: Unavoidable noncompliance and violations
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable State Requirement: 6NYCRR 201-1.4

Item 95.1:

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



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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 96: General Provisions
Effective between the dates of 01/22/2002 and 01/22/2007

Applicable State Requirement: 6NYCRR 201-5.

Item 96.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 96.2:

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.

Item 96.3:

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.

Condition 97: Contaminant List
Effective between the dates of 01/22/2002 and 01/22/2007

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

Item 97.1:

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: 007446-11-9
Name: SULFUR TRIOXIDE

Condition 98: Air pollution prohibited
Effective between the dates of 01/22/2002 and 01/22/2007

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Permit ID: 3-5512-00041/00083

Facility DEC ID: 3551200041



Applicable State Requirement: 6NYCRR 211.2

Item 98.1:

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.