



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-1836-00007/00153
Effective Date: 08/02/2011 Expiration Date: No expiration date

Permit Issued To: LAPP INSULATORS LLC
130 GILBERT ST
LE ROY, NY 14482

Contact: ROBERT J JOHNSON
LAPP INSULATORS LLC
130 GILBERT ST
LE ROY, NY 14482
(585) 768-5180

Facility: LAPP INSULATORS LLC
130 GILBERT ST
LEROY, NY 14482

Description:
Initial Air State Facility Permit to replace the Title V Facility Permit originally issued August 10, 1999, reflecting changes in operations. Lapp Insulators manufactures ceramic and silicone rubber electrical insulators. The changes include removal of a natural gas fired kiln, two gas fired dryers, and two paint spray booths, and the addition of nine gas fired insulator mold dryers and a gas fired oven.

Facility operations include:
natural gas fired boilers; clay insulator mold cutting and forming operations; natural gas fired dryers for clay insulator mold drying; gas fired kiln dryers for clay insulator mold drying prior to final firing; gas fired tunnel kilns for firing finished clay insulator molds; gas fired periodic kilns for firing finished clay insulator molds; a gas fired silicone rubber bonding oven; metal part coating operations; a gas fired air compressor; silicone spraying operations; and insulator cap cement filling operations.

This Permit includes conditions to restrict facility emissions of oxides of nitrogen (NOx) to 88.2 tons per year, below the 100 ton per year applicability thresholds of 6NYCRR Part 201-6 Title V Facility Permits, Part 212.10 Reasonably Available Control Technology (RACT) for Major Facilities, and Part 227-2 RACT for Major Facilities of NOx.

The facility was previously subject to Part 201-6 Title V Facility Permits due to potential emissions of particulates in excess of 100 tons per year. Removal of process sources and limited boiler and kiln operation limiting NOx emissions also reduces potential particulate emissions to below the 100 ton per year Title V threshold.

New York State Department of Environmental Conservation
Facility DEC ID: 8183600007



By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

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

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

Condition 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 5.1:

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

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

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

Condition 6: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(585) 226-2466

New York State Department of Environmental Conservation

Permit ID: 8-1836-00007/00153

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Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: LAPP INSULATORS LLC
130 GILBERT ST
LE ROY, NY 14482

Facility: LAPP INSULATORS LLC
130 GILBERT ST
LEROY, NY 14482

Authorized Activity By Standard Industrial Classification Code:
3264 - PORCELAIN ELECTRICAL SUPPLIES

Permit Effective Date: 08/02/2011
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 215.2: Open Fires - Prohibitions
- 2 6 NYCRR 202-1.1: Required Emissions Tests
- 3 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 4 6 NYCRR 201-7.2: Facility Permissible Emissions
- *5 6 NYCRR 201-7.2: Capping Monitoring Condition
- 6 6 NYCRR 211.1: Air pollution prohibited
- 7 6 NYCRR 212.4 (c): Compliance Demonstration
- 8 6 NYCRR 212.6 (a): Compliance Demonstration
- 9 6 NYCRR 212.11 (a): Sampling and Monitoring
- 10 6 NYCRR 227-1.3 (a): Compliance Demonstration

Emission Unit Level

EU=U-00002

- 11 6 NYCRR 228-1.3 (a): Recordkeeping, Reports of VOCs - EU Level
- 12 6 NYCRR 228-1.4: Compliance Demonstration
- 13 6 NYCRR 228-1.5 (a): Compliance Demonstration
- 14 6 NYCRR 228-1.5 (b): Use of Methods 311 or 24.
- 15 6 NYCRR 228-1.5 (c): Compliance Demonstration
- 16 6 NYCRR 228-1.5 (d): Department access to obtain samples.
- 17 6 NYCRR 228-1.5 (k): Compliance Demonstration
- 18 6 NYCRR 228-1.7: Compliance Demonstration
- 19 6 NYCRR 228-1.10: Compliance Demonstration

EU=U-00019

- 20 6 NYCRR 212.4 (c): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 21 ECL 19-0301: Contaminant List
- 22 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 23 6 NYCRR Subpart 201-5: Emission Unit Definition
- 24 6 NYCRR 211.2: Visible Emissions Limited
- 25 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications

Emission Unit Level

- 26 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 27 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

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

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

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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



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

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

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

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

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

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

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

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

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

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



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

Item K: Visible Emissions Limited - 6 NYCRR 211.3

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

Item L: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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



regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Open Fires - Prohibitions
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 215.2

Item 1.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 1.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be

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required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.

(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

Condition 2: Required Emissions Tests
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 2.1:

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

Condition 3: Recycling and Emissions Reduction
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:40CFR 82, Subpart F

Item 3.1:

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

Condition 4: Facility Permissible Emissions
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 4.1:

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

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

CAS No: 0NY210-00-0

PTE: 176,400 pounds per year

Name: OXIDES OF NITROGEN

Condition 5: Capping Monitoring Condition
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 5.1:

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

6 NYCRR 201-6.1

6 NYCRR 212.10



6 NYCRR Subpart 227-2

Item 5.2:

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

Item 5.3:

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

Item 5.4:

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

Item 5.5:

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

Item 5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to remain below the applicability thresholds of 6NYCRR Part 201-6.1, Part 212.10, and Part 227-2, the facility shall be limited to 88.2 tons per year of NO_x emissions on a rolling 12-month basis. To verify compliance with the emission limitation, the facility shall perform calculations monthly to determine the 12-month rolling total of facility-wide NO_x emissions. Emissions shall be calculated based on fuel usage, the hours of operation, and the appropriate emission factors. Records of emission calculation and supporting documents shall be kept on site for five years and made available to the Department upon request.



Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 6: Air pollution prohibited
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.1

Item 6.1:

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

Condition 7: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance verifications at the monitoring frequency stated below. These verifications include review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as



surrogates) are within ranges that ensure compliance with the particulate emission rate.

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

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 8: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee



will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

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

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

Monitoring Frequency: WEEKLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Sampling and Monitoring
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.11 (a)

Item 9.1:

The owner and/or operator of this facility, if required by the department to conduct stack testing to demonstrate compliance with 6 NYCRR Part 212, must comply with notification requirements and conduct capture efficiency and/or stack testing using acceptable procedures pursuant to 6 NYCRR Part 202.

Condition 10: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

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

Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 10.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:



No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

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

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: WEEKLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

Condition 11: Recordkeeping, Reports of VOCs - EU Level
Effective between the dates of 08/02/2011 and Permit Expiration Date

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

Item 11.1:



This Condition applies to Emission Unit: U-00002

Item 11.2: Use of coatings that exceed the maximum permitted pounds of VOC per gallon, minus water and excluded VOC at application specified in table 1 of section 228.7 or table 2 of section 228.8 of 6 NYCRR Part 228 is prohibited.

Condition 12: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 228-1.4

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is

New York State Department of Environmental Conservation

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Facility DEC ID: 8183600007



inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Monitoring Frequency: WEEKLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (a)

Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any emission source subject to 6NYCRR Part 228 must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied coating, (VOC)a, used at the facility. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained in a format acceptable to the Department and, upon request, these records must be submitted to the Department. Any facility required to perform the overall removal efficiency calculation, must maintain records to verify the parameters used in the calculation. A facility owner or operator must maintain a record that identifies each air cleaning device that has an overall removal efficiency of at least 85 percent. Any additional information required to determine compliance must be provided to the Department in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Use of Methods 311 or 24.
Effective between the dates of 08/02/2011 and Permit Expiration Date



Applicable Federal Requirement:6 NYCRR 228-1.5 (b)

Item 14.1:

This Condition applies to Emission Unit: U-00002

Item 14.2:

Upon request by the Department, the owner and operator of any emission source subject to 6NYCRR Part 228, must use Method 311 or Method 24 as presented in Appendices A of both 40 CFR Parts 63 and 60, respectively (see table 1, section 200.9 of Title 6), to measure the volatile content, water content, density, volume of solids, and weight of solids in order to determine the actual VOC content of an as applied coating during a compliance demonstration.

Condition 15: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (c)

Item 15.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When the sampling and analysis methods referenced in paragraphs (b), (e)(2) or (f) of 6 NYCRR 228.5 are not applicable, alternate sampling and analysis methods can be used, subject to the approval of the Department and the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 16: Department access to obtain samples.
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (d)

Item 16.1:

This Condition applies to Emission Unit: U-00002

Item 16.2:

Representatives of the Department must be permitted during reasonable business hours, to obtain coating samples for the purpose of determining compliance with 6NYCRR Part 228.

Condition 17: Compliance Demonstration



Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (k)

Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required by 6NYCRR Part 228 must be maintained at the facility for five years.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Compliance Demonstration

Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.7

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Miscellaneous metal parts and product coating lines, excluding all nonmetallic parts, utilizing air dried or forced warm air dried at a temperature up to 90 degrees centigrade coatings may contain a maximum of 3.5 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Reference Test Method: Method 311 or 24

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE



Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 19: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.10

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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



(3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or

(4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 20: Compliance Demonstration
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00019

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The particulate emissions limit of 0.05 grains per dry standard cubic foot shall be complied with through the proper operation of all fabric filters (associated with Emission Unit U-00019) in accordance with manufacturer's recommendations, and in accordance with good engineering practice. An annual certification shall be provided by the permittee, verifying compliance with this permit condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).



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

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

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

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state only enforceable.



Condition 21: Contaminant List

Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 21.1:

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: 0NY210-00-0
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0
Name: VOC

Condition 22: Unavoidable noncompliance and violations

Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 22.1:

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 superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 23: Emission Unit Definition
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 23.1:

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

Emission Unit: F-00130

Emission Unit Description:

TWO EMISSION SOURCES FROM TUNNEL KILNS.
TUNNEL KILN #1 AND #3 ARE NATURAL GAS FIRED
KILNS, MAXIMUM TOTAL HEAT INPUT CAPACITY OF
11.24 MMBTU/HR. AND 13.64 MMBTU/HR.
RESPECTIVELY.

Building(s): B2

Item 23.2:

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

Emission Unit: F-00131

Emission Unit Description:

EMISSION UNIT F00131 INCLUDES THREE
EMISSION SOURCES. TUNNEL KILN DRYER
(3481), TUNNEL KILN DRYER (3482) AND
PERIODIC KILN (3483) DRYER.

Building(s): B2

Item 23.3:

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

New York State Department of Environmental Conservation

Permit ID: 8-1836-00007/00153

Facility DEC ID: 8183600007



Emission Unit: F-00134

Emission Unit Description:

EMISSION UNIT F00134 INCLUDES 13 EMISSION SOURCES FROM PERIODIC KILNS 3205, 3206, 3216, 3219, 3220, 3221, 3223,3224,3225,3226, 3231,3235 & 3241) WITH TOTAL HEAT INPUT OF 60.60 MMBUT/HR.

Building(s): B2

Item 23.4:

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

Emission Unit: F-00147

Emission Unit Description:

EMISSION UNIT F00147 INCLUDES 5 BOILERS 5, 6, 8, 9 & 10) WITH TOTAL HEAT INPUT OF 35.24 MMBUT/HR.

Item 23.5:

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

Emission Unit: F-00152

Emission Unit Description:

EMISSION UNIT F00152 INCLUDES 16 TYPE A DRYERS WITH TOTAL MAXIMUM HEAT INPUT CAPACITY OF 17 MMBTU/HR.

Item 23.6:

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

Emission Unit: F-00153

Emission Unit Description:

EMISSION UNIT F 00153 INCLUDES 11 TYPE B DRYERS WITH TOTAL MAXIMUM HEAT INPUT CAPACITY OF 11 MMBUT/HR.

Item 23.7:

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

Emission Unit: F-00154

Emission Unit Description:

EMISSION UNIT F00154 INCLUDES 6 TYPE C DRYERS WITH TOTAL HEAT INPUT CAPACITY OF 4.8 MMBTU/HR.

Item 23.8:

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

Emission Unit: F-00155

Emission Unit Description:

EMISSION UNIT F 00155 INCLUDES 3 TYPE D DRYERS WITH TOTAL HEAT INPUT CAPACITY OF 3.75 MMBTU/HR.

Building(s): B2A

New York State Department of Environmental Conservation

Permit ID: 8-1836-00007/00153

Facility DEC ID: 8183600007



Item 23.9:

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

Emission Unit: F-00156

Emission Unit Description:

EMISSION UNIT F00156 INCLUDES 1 TYPE E
DRYER WITH TOTAL HEAT INPUT CAPACITY OF
3.75 MMBTU/HR.

Building(s): B2A

Item 23.10:

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

Emission Unit: F-00157

Emission Unit Description:

EMISSION UNIT F00157 INCLUDES 3 TYPE F
DRYERS WITH TOTAL HEAT INPUT CAPACITY OF
2.25 MMBTU/HR.

Building(s): B2

Item 23.11:

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

Emission Unit: F-00158

Emission Unit Description:

NATURAL GAS FIRED AIR COMPRESSOR WHICH
CONSISTS OF ONE EMISSION POINT WITH NO
CONTROLS.

Building(s): B15

Item 23.12:

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

Emission Unit: F-00159

Emission Unit Description:

EMISSION UNIT F00159 INCLUDES 9 TYPE G
DRYERS WITH TOTAL MAXIMUM HEAT INPUT
CAPACITY OF 17.8 MMBTU/HR.

Building(s): B2A

Item 23.13:

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

Emission Unit: F-00160

Emission Unit Description:

EMISSION UNIT F00160 INCLUDES SILICONE
BINDING OF A SHED TO A ROD. AFTER THE
SILICONE IS APPLIED, THE PARTS ARE HEATED
TO CURE THE SILICONE. EP 0160A IS THE OVEN
BURNER AND EP 0160B IS THE OVEN EXHAUST.

Item 23.14:

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

New York State Department of Environmental Conservation

Permit ID: 8-1836-00007/00153

Facility DEC ID: 8183600007



Emission Unit: U-00002
Emission Unit Description:
3 SIMILAR SPRAY PAINT BOOTH EMISSION
SOURCES.

Item 23.15:

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

Emission Unit: U-00010
Emission Unit Description:
SILICONE SPRAY OPERATION

Building(s): B1

Item 23.16:

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

Emission Unit: U-00011
Emission Unit Description:
PRC STUD COATING BOOTH. COATING IS
APPLIED BY HAND.

Building(s): B1

Item 23.17:

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

Emission Unit: U-00019
Emission Unit Description:
36 SIMILAR PARTICULATE EMISSION POINTS
LOCATED THROUGHOUT THE PLANT.

Item 23.18:

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

Emission Unit: U-00031
Emission Unit Description:
CEMENT FILLING OPERATION

Building(s): B1

Condition 24: Visible Emissions Limited
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 24.1:

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 25: Emissions from new emission sources and/or modifications
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 212.4 (a)



Item 25.1:

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

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

Condition 26: Emission Point Definition By Emission Unit
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 26.1:

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

Emission Unit: F-00130

Emission Point: 0130A

Height (ft.): 35 Diameter (in.): 24
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0130B

Height (ft.): 35 Diameter (in.): 24
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Item 26.2:

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

Emission Unit: F-00131

Emission Point: 0131A

Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0131B

Height (ft.): 26 Diameter (in.): 14
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0131C

Height (ft.): 21 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Item 26.3:

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

Emission Unit: F-00134

Emission Point: 0134A

Height (ft.): 35 Diameter (in.): 18
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2



Emission Point: 0134B
Height (ft.): 35 Diameter (in.): 18
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0134C
Height (ft.): 37 Diameter (in.): 48
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0134D
Height (ft.): 31 Diameter (in.): 20
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0134E
Height (ft.): 31 Diameter (in.): 10
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0134F
Height (ft.): 31 Diameter (in.): 14
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0134G
Height (ft.): 29 Diameter (in.): 18
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0134H
Height (ft.): 29 Diameter (in.): 18
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0134I
Height (ft.): 29 Diameter (in.): 18
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0134J
Height (ft.): 29 Diameter (in.): 18
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 134K1
Height (ft.): 35 Diameter (in.): 16
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 134L1
Height (ft.): 35 Diameter (in.): 24
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 134L2
Height (ft.): 35 Diameter (in.): 24
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Item 26.4:

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



Emission Unit: F-00147

Emission Point: 0147A
Height (ft.): 70 Diameter (in.): 54
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B15

Emission Point: 0147B
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B1

Emission Point: 0147C
Height (ft.): 28 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0147D
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0147E
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Item 26.5:

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

Emission Unit: F-00152

Emission Point: 0152A
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43

Emission Point: 0152B
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43

Emission Point: 0152C
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43

Emission Point: 0152D
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43

Emission Point: 0152E
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0152F
Height (ft.): 29 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0152G



Height (ft.): 29	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B3
Emission Point: 0152H		
Height (ft.): 29	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B3
Emission Point: 0152I		
Height (ft.): 29	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B3
Emission Point: 0152J		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B36
Emission Point: 0152K		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B36
Emission Point: 0152L		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B36
Emission Point: 0152M		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B36
Emission Point: 0152N		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B36
Emission Point: 0152O		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2A
Emission Point: 0152P		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2A

Item 26.6:

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

Emission Unit: F-00153

Emission Point: 0153A		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B43

Emission Point: 0153B		
Height (ft.): 19	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B36



Emission Point: 0153C
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153D
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153E
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153F
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153G
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153H
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153I
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153J
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Emission Point: 0153K
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B36

Item 26.7:

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

Emission Unit: F-00154

Emission Point: 0154A
Height (ft.): 19 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43

Emission Point: 0154B
Height (ft.): 19 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43

Emission Point: 0154C
Height (ft.): 19 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43



Emission Point: 0154D
Height (ft.): 19 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0154E
Height (ft.): 19 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B43

Emission Point: 0154F
Height (ft.): 29 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Item 26.8:

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

Emission Unit: F-00155

Emission Point: 0155A
Height (ft.): 18 Diameter (in.): 16
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0155B
Height (ft.): 18 Diameter (in.): 16
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0155C
Height (ft.): 18 Diameter (in.): 16
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Item 26.9:

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

Emission Unit: F-00156

Emission Point: 0156B
Height (ft.): 19 Diameter (in.): 16
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Item 26.10:

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

Emission Unit: F-00157

Emission Point: 0157A
Height (ft.): 29 Diameter (in.): 9
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0157B
Height (ft.): 29 Diameter (in.): 9
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2



Emission Point: 0157C
Height (ft.): 29 Diameter (in.): 9
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Item 26.11:

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

Emission Unit: F-00158

Emission Point: 0158A
Height (ft.): 28 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B15

Item 26.12:

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

Emission Unit: F-00159

Emission Point: 0159A
Height (ft.): 23 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0159B
Height (ft.): 23 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0159C
Height (ft.): 23 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0159D
Height (ft.): 23 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2A

Emission Point: 0159E
Height (ft.): 18 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B53

Emission Point: 0159F
Height (ft.): 18 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B52

Emission Point: 0159G
Height (ft.): 18 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B53

Emission Point: 0159H
Height (ft.): 18 Diameter (in.): 13
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B53

Emission Point: 0159I
Height (ft.): 18 Diameter (in.): 13



NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B53

Item 26.13:

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

Emission Unit: F-00160

Emission Point: 0160A

Height (ft.): Diameter (in.): 8

NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B35

Emission Point: 0160B

Height (ft.): Diameter (in.): 6

NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B35

Item 26.14:

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 35 Diameter (in.): 16

NYTMN (km.): 4761.921 NYTME (km.): 254.829 Building: B31

Emission Point: 0002C

Height (ft.): 29 Diameter (in.): 20

NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B1

Emission Point: 0002D

Height (ft.): 25 Diameter (in.): 16

NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B31

Item 26.15:

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

Emission Unit: U-00010

Emission Point: 00010

Height (ft.): 13 Diameter (in.): 8

NYTMN (km.): 4761.921 NYTME (km.): 254.829 Building: B1

Item 26.16:

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

Emission Unit: U-00011

Emission Point: 00011

Height (ft.): 30 Diameter (in.): 8

NYTMN (km.): 4761.921 NYTME (km.): 254.829 Building: B1

Item 26.17:

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



Emission Unit: U-00019

Emission Point: 00019
Height (ft.): 35 Diameter (in.): 20
NYTMN (km.): 4761.921 NYTME (km.): 254.829 Building: B13

Emission Point: 0019A
Height (ft.): 28 Diameter (in.): 22
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B1

Emission Point: 0019B
Height (ft.): 18 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B1

Emission Point: 0019C
Height (ft.): 29 Diameter (in.): 29
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0019D
Height (ft.): 21 Diameter (in.): 27
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0019E
Height (ft.): 24 Diameter (in.): 12
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B57

Emission Point: 0019F
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0019G
Height (ft.): 21 Diameter (in.): 26
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0019H
Height (ft.): 22 Diameter (in.): 26
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0019I
Height (ft.): 21 Diameter (in.): 26
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0019J
Height (ft.): 24 Diameter (in.): 26
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B2

Emission Point: 0019K
Height (ft.): 35 Diameter (in.): 36
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B3

Emission Point: 0019L



Height (ft.): 22	Diameter (in.): 2	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019M		
Height (ft.): 19	Diameter (in.): 25	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019N		
Height (ft.): 24	Diameter (in.): 18	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019O		
Height (ft.): 28	Diameter (in.): 17	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019P		
Height (ft.): 13	Diameter (in.): 16	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B54
Emission Point: 0019Q		
Height (ft.): 26	Diameter (in.): 15	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B54
Emission Point: 0019R		
Height (ft.): 17	Diameter (in.): 15	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B3
Emission Point: 0019S		
Height (ft.): 6	Diameter (in.): 34	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019T		
Height (ft.): 26	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019U		
Height (ft.): 26	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019V		
Height (ft.): 26	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019W		
Height (ft.): 26	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019X		
Height (ft.): 15	Diameter (in.): 33	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019Y		



Height (ft.): 27	Diameter (in.): 26	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 0019Z		
Height (ft.): 26	Diameter (in.): 12	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 019AA		
Height (ft.): 22	Diameter (in.): 10	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B55
Emission Point: 019BB		
Height (ft.): 30	Diameter (in.): 8	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 019CC		
Height (ft.): 43	Diameter (in.): 36	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B3
Emission Point: 019DD		
Height (ft.): 14	Diameter (in.): 36	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 019EE		
Height (ft.): 20	Diameter (in.): 14	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 019FF		
Height (ft.): 22	Diameter (in.): 27	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 019GG		
Height (ft.): 28	Diameter (in.): 28	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 019HH		
Height (ft.): 28	Diameter (in.): 28	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2
Emission Point: 019II		
Height (ft.): 22	Diameter (in.): 16	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B2

Item 26.18:

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

Emission Unit: U-00031

Emission Point: 0031A		
Height (ft.): 12	Diameter (in.): 8	
NYTMN (km.): 4761.841	NYTME (km.): 254.644	Building: B1



Emission Point: 0031B
Height (ft.): 12 Diameter (in.): 8
NYTMN (km.): 4761.841 NYTME (km.): 254.644 Building: B1

Condition 27: Process Definition By Emission Unit
Effective between the dates of 08/02/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 27.1:

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

Emission Unit: F-00130
Process: 130 Source Classification Code: 3-90-006-89
Process Description:
FINISHED INSULATOR MOLDS ARE FIRED IN THE
TUNNEL KILN #1 & TUNNEL KILN #3. THE
EMISSIONS FROM TUNNEL KILNS ARE ONLY FROM
THE COMBUSTION OF NATURAL GAS WHICH
INCLUDES: PARTICULATES, NOX, SO2, CO AND
VOCS. APPLICABLE REGULATION 6 NYCRR 227
1.

Emission Source/Control: 0130A - Process

Emission Source/Control: 0130B - Process

Item 27.2:

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

Emission Unit: F-00131
Process: 131 Source Classification Code: 3-90-006-89
Process Description:
DRYER ASSOCIATED WITH TUNNEL KILNS AND
PERIODIC KILN USED TO DRY THE INSULATOR
MOLDS. EMISSIONS FROM THIS PROCESS ARE
ONLY FROM COMBUSTION WHICH INCLUDES NOX,
SO2, PARTICULATES, CO AND VOCS. APPLICABLE
RULE 6 NYCRR 227 1.

Emission Source/Control: 0131A - Process

Emission Source/Control: 0131B - Process

Emission Source/Control: 0131C - Process

Item 27.3:

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

Emission Unit: F-00134
Process: 134 Source Classification Code: 3-90-006-89
Process Description:



PERIODIC KILNS ARE USED TO FIRE THE INSULATOR MOLDS. THE EMISSIONS FROM THIS EMISSION UNIT INCLUDE NOX, SO₂, VOC, PARTICULATES AND CO. APPLICABLE REGULATIONS 6 NYCRR PART 227.1.

Emission Source/Control: 0134A - Process

Emission Source/Control: 0134B - Process

Emission Source/Control: 0134C - Process

Emission Source/Control: 0134D - Process

Emission Source/Control: 0134E - Process

Emission Source/Control: 0134F - Process

Emission Source/Control: 0134G - Process

Emission Source/Control: 0134H - Process

Emission Source/Control: 0134I - Process

Emission Source/Control: 0134J - Process

Emission Source/Control: 0134K - Process

Emission Source/Control: 0134L - Process

Item 27.4:

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

Emission Unit: F-00147

Process: 147

Source Classification Code: 1-02-006-03

Process Description:

BOILERS ARE USED TO PRODUCE STEAM. THE EMISSIONS FROM THIS OPERATION INCLUDE NOX, CO, VOC, SO₂, AND PARTICULATES. 6 NYCRR PART 227.1 APPLIES TO THIS PROCESS. PROCESS IS LOCATED IN BUILDINGS B15, B1, B2A.

Emission Source/Control: 0147A - Process

Emission Source/Control: 0147B - Process

Emission Source/Control: 0147C - Process

Emission Source/Control: 0147D - Process

Emission Source/Control: 0147E - Process



Item 27.5:

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

Emission Unit: F-00152

Process: 152

Source Classification Code: 3-90-006-89

Process Description:

TYPE A DRYERS ARE USED TO REDUCE THE
MOISTURE CONTENT OF THE INSULATOR MOLDS.
THE EMISSIONS FROM THIS OPERATION INCLUDE
NOX, SO2, VOC, AND PARTICULATES. 6 NYCRR
PART 227 1, APPLIES TO THIS PROCESS.

Emission Source/Control: 0152A - Process

Emission Source/Control: 0152B - Process

Emission Source/Control: 0152C - Process

Emission Source/Control: 0152D - Process

Emission Source/Control: 0152E - Process

Emission Source/Control: 0152F - Process

Emission Source/Control: 0152G - Process

Emission Source/Control: 0152H - Process

Emission Source/Control: 0152I - Process

Emission Source/Control: 0152J - Process

Emission Source/Control: 0152K - Process

Emission Source/Control: 0152L - Process

Emission Source/Control: 0152M - Process

Emission Source/Control: 0152N - Process

Emission Source/Control: 0152O - Process

Emission Source/Control: 0152P - Process

Item 27.6:

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

Emission Unit: F-00153

Process: 153

Source Classification Code: 3-90-006-89

Process Description:

TYPE B DRYERS ARE USED TO REDUCE THE



MOISTURE CONTENT OF THE INSULATOR MOLDS.
THE EMISSIONS FROM THIS OPERATION INCLUDE
NOX, SO2, VOC AND PARTICULATES. 6 NYCRR
PART 227 1 APPLIES TO THIS PROCESS.

- Emission Source/Control: 0153A - Process
- Emission Source/Control: 0153B - Process
- Emission Source/Control: 0153C - Process
- Emission Source/Control: 0153D - Process
- Emission Source/Control: 0153E - Process
- Emission Source/Control: 0153F - Process
- Emission Source/Control: 0153G - Process
- Emission Source/Control: 0153H - Process
- Emission Source/Control: 0153I - Process
- Emission Source/Control: 0153J - Process
- Emission Source/Control: 0153K - Process

Item 27.7:

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

Emission Unit: F-00154
Process: 154 Source Classification Code: 3-90-006-89
Process Description:
TYPE C DRYERS ARE USED TO REDUCE THE
MOISTURE CONTENT OF THE INSULATOR MOLDS.
THE EMISSIONS FROM THIS OPERATION INCLUDE
NOX, SO2, VOC, AND PARTICULATES. 6 NYCRR
PART 227 1 APPLIES TO THIS PROCESS.

- Emission Source/Control: 0154A - Process
- Emission Source/Control: 0154B - Process
- Emission Source/Control: 0154C - Process
- Emission Source/Control: 0154D - Process
- Emission Source/Control: 0154E - Process
- Emission Source/Control: 0154F - Process

Item 27.8:



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

Emission Unit: F-00155
Process: 155 Source Classification Code: 3-90-006-89
Process Description:
TYPE D DRYERS ARE USED TO REDUCE THE
MOISTURE CONTENT OF THE INSULATOR MOLDS.
THE EMISSIONS FROM THIS OPERATION INCLUDE
NOX, SO2, VOC AND PARTICULATES. 6 NYCRR
PART 227 1 APPLIES TO THIS PROCESS.

Emission Source/Control: 0155A - Process

Emission Source/Control: 0155B - Process

Emission Source/Control: 0155C - Process

Item 27.9:

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

Emission Unit: F-00156
Process: 156 Source Classification Code: 3-90-006-89
Process Description:
TYPE E DRYERS ARE USED TO REDUCE THE
MOISTURE OF THE INSULATOR MOLDS. THE
EMISSIONS FROM THIS OPERATION INCLUDE VOC,
SO2 AND PARTICULATES. 6 NYCRR PART 227
APPLIES TO THIS PROCESS.

Emission Source/Control: 0156B - Process

Item 27.10:

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

Emission Unit: F-00157
Process: 157 Source Classification Code: 3-90-006-89
Process Description:
THE F TYPE DRYERS ARE USED TO REDUCE THE
MOISTURE CONTENT OF THE INSULATOR MOLDS.
THE EMISSIONS FROM THIS OPERATION INCLUDE
VOC, SO2, AND PARTICULATES. 6 NYCRR 227 1
APPLIES TO THIS PROCESS.

Emission Source/Control: 0157A - Process

Emission Source/Control: 0157B - Process

Emission Source/Control: 0157C - Process

Item 27.11:

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



Emission Unit: F-00158
Process: 158 Source Classification Code: 2-02-002-54
Process Description:
Energen natural gas fired air compressor: 585 horsepower,
8 cylinder engine (capacity:2500 cubic feet@110psi.)

Emission Source/Control: 0158A - Process
Design Capacity: 585 horsepower (mechanical)

Item 27.12:

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

Emission Unit: F-00159
Process: 159 Source Classification Code: 3-90-006-89
Process Description:
TYPE G DRYERS ARE USED TO REDUCE THE
MOISTURE CONTENT OF THE INSULATORS MOLDS.
THE EMISSIONS FROM THIS APPLICATION INCLUDE
NOX, SO2, CO, VOC & PARTICULATES. 6NYCRR
PART 227.1 APPLIES TO THIS PROCESS.

Emission Source/Control: 0159A - Process
Design Capacity: 1.2 million Btu per hour

Emission Source/Control: 0159B - Process
Design Capacity: 1.2 million BTUs per hour

Emission Source/Control: 0159C - Process
Design Capacity: 2.2 million BTUs per hour

Emission Source/Control: 0159D - Process
Design Capacity: 2.2 million BTUs per hour

Emission Source/Control: 0159E - Process
Design Capacity: 2.2 million BTUs per hour

Emission Source/Control: 0159F - Process
Design Capacity: 2.2 million BTUs per hour

Emission Source/Control: 0159G - Process
Design Capacity: 2.2 million BTUs per hour

Emission Source/Control: 0159H - Process
Design Capacity: 2.2 million BTUs per hour

Emission Source/Control: 0159I - Process
Design Capacity: 2.2 million BTUs per hour

Item 27.13:

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

Emission Unit: F-00160

New York State Department of Environmental Conservation

Permit ID: 8-1836-00007/00153

Facility DEC ID: 8183600007



Process: 160

Emission Source/Control: 0160A - Process
Design Capacity: 700,000 British thermal units

Emission Source/Control: 0160B - Process
Design Capacity: 700,000 British thermal units

Item 27.14:

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

Emission Unit: U-00002
Process: U02 Source Classification Code: 4-02-025-99
Process Description:
PAINT SPRAY BOOTH OPERATION FOR METAL
PARTS APPLICABLE TO 6 NYCRR PART 228 TABLE
1

Emission Source/Control: 00002 - Process

Emission Source/Control: 0002C - Process

Emission Source/Control: 0002D - Process

Item 27.15:

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

Emission Unit: U-00010
Process: U10 Source Classification Code: 4-02-999-95
Process Description:
SILICONE SPRAY OPERATIONS APPLICABLE 2 6
NYCRR PART 212.

Emission Source/Control: 00010 - Process

Item 27.16:

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

Emission Unit: U-00011
Process: U11 Source Classification Code: 4-02-025-99
Process Description:
METAL INSULATOR PARTS ARE COATED WITH
COATINGS. THESE COATINGS ARE HAND APPLIED.
THE EMISSIONS FROM THIS COATING OPERATION
INCLUDE VOCS AND HAP.

Emission Source/Control: 00011 - Process

Item 27.17:

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

Emission Unit: U-00019



Process: U19 Source Classification Code: 3-05-008-99

Process Description:

EMISSION UNIT U00019 INCLUDES 36
PARTICULATE EMISSION SOURCES FROM HE
SEQUENTIAL PROCESSES INCLUDING TURNING,
GRINDING, BORING, MILLING, GLAZING, AND
FINISHING OF INSULATOR PARTS. NYCRR
APPLIES TO U00019.

Emission Source/Control: 19001 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 19079 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19080 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19081 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19082 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19083 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19084 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19085 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19086 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19087 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19088 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19089 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19090 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19091 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19092 - Control

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Control Type: FABRIC FILTER

Emission Source/Control: 19093 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19094 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19095 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19096 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19097 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19098 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19099 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19100 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19101 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19102 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19103 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19104 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19105 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19106 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19108 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19109 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19110 - Control
Control Type: FABRIC FILTER



Emission Source/Control: 19111 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19112 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 19004 - Process

Emission Source/Control: 19005 - Process

Emission Source/Control: 19006 - Process

Emission Source/Control: 19007 - Process

Emission Source/Control: 19008 - Process

Emission Source/Control: 19009 - Process

Emission Source/Control: 19010 - Process

Emission Source/Control: 19011 - Process

Emission Source/Control: 19012 - Process

Emission Source/Control: 19013 - Process

Emission Source/Control: 19014 - Process

Emission Source/Control: 19015 - Process

Emission Source/Control: 19016 - Process

Emission Source/Control: 19017 - Process

Emission Source/Control: 19018 - Process

Emission Source/Control: 19019 - Process

Emission Source/Control: 19020 - Process

Emission Source/Control: 19021 - Process

Emission Source/Control: 19022 - Process

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Emission Source/Control: 19024 - Process

Emission Source/Control: 19025 - Process

Emission Source/Control: 19026 - Process



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- Emission Source/Control: 19069 - Process
- Emission Source/Control: 19070 - Process
- Emission Source/Control: 19071 - Process
- Emission Source/Control: 19072 - Process
- Emission Source/Control: 19073 - Process
- Emission Source/Control: 19074 - Process
- Emission Source/Control: 19075 - Process
- Emission Source/Control: 19076 - Process
- Emission Source/Control: 19077 - Process
- Emission Source/Control: 19078 - Process

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Emission Source/Control: 19107 - Process

Emission Source/Control: 19113 - Process

Item 27.18:

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

Emission Unit: U-00031

Process: U31

Source Classification Code: 3-99-999-91

Process Description: CEMENT FILLING OPERATION FOR INSULATOR CAPS.

Emission Source/Control: 0031A - Process

Emission Source/Control: 0031B - Process

