PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-4642-00108/00002
Mod 0 Effective Date: 10/18/2010 Expiration Date: 10/17/2015

Mod 1 Effective Date: 06/04/2013 Expiration Date: 10/17/2015

Mod 2 Effective Date: 03/25/2014 Expiration Date: 10/17/2015

Mod 3 Effective Date: Expiration Date:

Permit Issued To:CORNING INCORPORATED
HP-ME-02-06
CORNING, NY 14831

Contact: ALEXANDER T RYAN
CORNING INC
ER-DN-01
CORNING, NY 14831
(607) 974-1226

Facility: CORNING DIESEL MANUFACTURING FACILITY
890 ADDISON RD (ST RTE 417)
PAINTED POST, NY 14870

Contact: SCOTT M KULA
CORNING INC - CORNING DIESEL
890 ADDISON RD
PAINTED POST, NY 14870

Description:
Third modification of the Title V Facility Permit to authorize operations at the Corning Inc - Diesel Manufacturing Facility, which manufactures ceramic filters and substrates for diesel engine emission control devices.

The Diesel Manufacturing Facility is subject to Part 201-6 Title V Facility Permits due to potential emissions of PM, CO, and NO_X in excess of 100 tons per year each, and VOC in excess of 50 tons per year.

The Facility is also a Major Stationary Source as defined in 40CFR 52.21 PSD due to potential CO emissions in excess of 250 tons per year.

Operations are grouped into Emission Units (EU), which include:

- EU U-00001, rail car and truck unloading and transfer operations, batch silo storage and screening operations, wet and dry mixing operations, plugging, skinning, contouring, and finishing operations;

- EU U-00002, volatile organic liquid storage tanks;
- EU U-00003, extruded ceramic drying operations;
- EU U-00004, 4 periodic kilns and 2 tunnel kilns firing extruded ceramic ware;
- EU U-00005, natural gas and diesel fired heaters, boilers, and emergency generators;
- EU U-00006, 2 newer tunnel kilns and their associated wet mixing, cutting, and drying operations; and
- EU U-00007, cutting, grinding, contouring, skinning, and finishing operations.

This modified Permit authorizes the addition of new firing cycles and changes to existing firing cycles in the periodic kilns (DP1-4) and tunnel kilns (DT1-4), to improve process efficiencies, enable new product development and establish new shorter firing cycles and associated equipment upgrades to allow for larger throughput of product. It also authorizes new small combustion sources associated with capacity improvement project infrastructure, classified in 6NYCRR Part 201-3 as exempt and trivial sources.

These significant modifications are subject to the requirements of 6 NYCRR Part 231-6 Modifications to Existing Major Facilities in Nonattainment Areas and Attainment Areas of the State within the Ozone Transport Region. They increase the previous NO_X facility emission limit of 138 tons per year to 247.7 tons per year, making the sources involved subject to LAER limits in Part 231-6.5.

In accordance with 6NYCRR Part 231-12, an air quality impact assessment was performed to evaluate the impacts of Corning's NO_2, CO, and HF emissions. The ambient air quality impact analysis followed the procedures at 40 CFR Part 51, Appendix W, using EPA's approved model AERMOD. To determine 1-hour NO_2 impacts the analysis included the use of the non-guideline beta option, ARM2. The Department approved the analysis and determined that Corning has demonstrated compliance with NAAQS. Post construction ambient air monitoring will provide additional assurance that the 1-hour NO_2 NAAQS is not exceeded.

This Permit also limits the increase in HF and PM emissions to below the thresholds in 6 NYCRR Part 231-8 PSD for Modifications to Major Facilities in Attainment Areas. The limits are based on stack testing, a minimum of 95 percent control of HF emissions when the fluorine content of the raw material exceeds 0.00002 pound per pound of raw material for all four tunnel kilns, and PM control to a maximum emission rate of 0.001 grains per dry standard cubic foot for EU U-00006 Process P08 PM emissions from ceramic mixing, cutting, and drying operations.

This Permit also limits the increase in VOC emissions to below the threshold in 6 NYCRR Part 231-6, based on stack testing, a minimum of 99 percent control of VOC emissions and a maximum of 1.3 pounds of VOC emissions per ton of ceramic ware from EU U-00006 Tunnel Kiln 3, and a minimum of 99.9 percent control of VOC emissions and a maximum of 1.3 pounds of VOC emissions per ton of ceramic ware of from the newer EU U-00006 Tunnel Kiln 4.

Facility-wide emission limits remaining unchanged will continue to restrict:

- Facility CO emissions to less than 348 tons per year, with higher throughput offset by higher average temperatures in modified operations burning off much of the CO.
- Facility PM emissions to less than 249 tons per year, including the newer finishing process EU U-00007, which is restricted to less than 10 tons per year of PM 2.5, less than 15 tons per year of PM 10, and less than 25 tons per year of emissions of total PM;
- Facility VOC emissions to less than 161 tons per year.

This Permit also reflects 6NYCRR Part 231-6.6 Emission offset requirements, applying Emission Reduction Credits of 181.47 tons of NO_X per year to comply with the 1.15 to 1 offset ratio for a 157.8 ton per year net increase in NO_X emissions. With 300 tons per year of NO_X ERC obtained by Corning, the unused 118.53 tons per year NO_X ERC are to be retired from the New York Registry.

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: SCOTT SHEELEY
NYSDEC - REGION 8
6274 E AVON-LIMA RD
AVON, NY 14414

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.

PAGE LOCATION OF CONDITIONS

DEC GENERAL CONDITIONS
****** General Provisions ******
For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, 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 1-1: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:
The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Item 5.1:
The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Item 4.1:
The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Condition 6: Submission of application for permit modification or renewal-REGION 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

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:CORNING INCORPORATED
HP-ME-02-06
CORNING, NY 14831

Facility: CORNING DIESEL MANUFACTURING FACILITY
890 ADDISON RD (ST RTE 417)
PAINTED POST, NY 14870

Authorized Activity By Standard Industrial Classification Code:
3299 - NONMETALLIC MINERAL PRODUCTS

Permit Effective Date: Permit Expiration Date:

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FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

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64 3-28 40 CFR Part 64: Compliance Certification
Emission Unit Level
66 71 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
81 72 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-00001,EP=E0018,Proc=P02,ES=C0018
93 76 : Compliance Certification

EU=U-00002
93 77 : Compliance Certification

EU=U-00004
94 3-29 6 NYCRR 231-2.5: Compliance Certification
95 3-30 6 NYCRR 231-11.2 (c): Compliance Certification

EU=U-00006
95 *3-31 6 NYCRR 201-7.1: Capping Monitoring Condition
97 *3-32 6 NYCRR 201-7.1: Capping Monitoring Condition
98 *3-33 6 NYCRR 201-7.1: Capping Monitoring Condition
100 *3-34 6 NYCRR 201-7.1: Capping Monitoring Condition
101 *3-35 6 NYCRR 201-7.1: Capping Monitoring Condition
103 90 : Compliance Certification

EU=U-00006,Proc=P09
103 91 : Compliance Certification

EU=U-00006,Proc=P09,ES=S0620
104 3-36 6 NYCRR 231-11.2 (c): Compliance Certification

EU=U-00006,Proc=P09,ES=S0621
105 *3-37 6 NYCRR 201-7.1: Capping Monitoring Condition

EU=U-00007
108 *3-38 6 NYCRR 201-7.1: Capping Monitoring Condition
109 *1-63 : Capping Monitoring Condition

EU=U-00007,Proc=P11
110 *1-64 : Capping Monitoring Condition

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level
113 98 ECL 19-0301: Contaminant List
113 3-39 6 NYCRR 201-1.15: Requirement to Commence Construction
114 103 : Compliance Demonstration
Emission Unit Level

EU=U-00006
115 105 : Compliance Demonstration

NOTE: * preceding the condition number indicates capping.

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Reserved

Item B: **Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: **Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: **Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: **Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: **Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: **Property Rights - 6 NYCRR 201-6.4 (a) (6)**

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

Item I: **Severability - 6 NYCRR 201-6.4 (a) (9)**

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

Item J: **Permit Shield - 6 NYCRR 201-6.4 (g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6

NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

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

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

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

applicable requirements.

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

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

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

Item L: **Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: **Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 2-1: Compliance Certification
Effective between the dates of 03/25/2014 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-1
Replaces Condition(s) 1-10

Item 2-1.1:
The Compliance Certification activity will be performed for the Facility.

Item 2-1.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

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

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

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

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

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. 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. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 3-1: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (3) (ii)

Replaces Condition(s) 2-1

Item 3-1.1:
The Compliance Certification activity will be performed for the Facility.

Item 3-1.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

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

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

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

(3) For all other deviations from permit requirements, the report

shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. 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. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air

pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-2: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-6.4 (e)

Replaces Condition(s) 2-2

Item 3-2.1:
The Compliance Certification activity will be performed for the Facility.

Item 3-2.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

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

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section
USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 8 Headquarters
6274 East Avon-Lima Road
Avon, NY 14414-9519

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due on the same day each year

Condition 2-2: Compliance Certification
Effective between the dates of 03/25/2014 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-2

Item 2-2.1:
The Compliance Certification activity will be performed for the Facility.

Item 2-2.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

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

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

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

The address for the RAPCE is as follows:

NYSDEC Region 8 Headquarters
6274 East Avon-Lima Road
Avon, NY 14414-9519

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 23: Emission Unit Definition
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00001
Emission Unit Description:
THIS EMISSION UNIT CONSISTS OF A RAIL CAR AND TRUCK UNLOADING AND TRANSFER AREA, BATCH SILO STORAGE AND SCREENING AREA, DRY BATCH MIX AREA, LIQUID BATCH UNLOADING AREA, WET TOWER MIX AREA, PLUGGING AREA, AND CUTTING, SKINNING, CONTOURING AND FINISHING OPERATIONS.

Building(s): 1

Item 23.2(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00002
Emission Unit Description:
THIS EMISSION UNIT CONSISTS OF FOUR OIL STORAGE TANKS.

Building(s): 1

Item 23.3(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00003
Emission Unit Description:
THIS EMISSION UNIT CONSISTS OF THE DRYING OPERATIONS.

Building(s): 1

Item 23.4(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00004
Emission Unit Description:
THIS EMISSION UNIT CONSISTS OF PERIODIC AND TUNNEL KILNS AND ASSOCIATED EMISSION CONTROL DEVICES.

Building(s): 1

Item 23.5(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00005
Emission Unit Description:
THIS EMISSION UNIT CONSISTS OF COMBUSTION SOURCES SUBJECT TO AN APPLICABLE REQUIREMENT.

Building(s): 1

Item 23.6(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00006
Emission Unit Description:
THIS EMISSION UNIT CONSISTS OF A DRY BATCH MIX AREA, BATCH TRANSFER AREA, WET TOWER MIX AREA, DRYING AND CUTTING AREAS FOR GREEN CERAMIC, FINISHING OPERATIONS AS WELL AS TWO TUNNEL KILNS WITH EMISSIONS CONTROL DEVICES.

Building(s): 1

Item 23.7(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00007
Emission Unit Description:
THIS EMISSION UNIT CONSISTS OF FINISHING OPERATIONS.

Building(s): 1

Condition 27: Facility Permissible Emissions
Effective between the dates of 10/18/2010 and 06/03/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Expired by Mod 1
Applicaton Specific Data

Condition 1-17: Facility Permissible Emissions
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-17.1:
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: 000630-08-0 (From Mod 3) PTE: 696,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY075-00-0 (From Mod 3) PTE: 498,000 pounds per year
Name: PARTICULATES

CAS No: 0NY998-00-0 (From Mod 3) PTE: 322,000 pounds per year
Name: VOC

Condition 30: Facility Permissible Emissions
Effective between the dates of 10/18/2010 and 06/03/2013

Applicable Federal Requirement:6 NYCRR 201-7.1

Expired by Mod 1
Applicaton Specific Data

Condition 3-3: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Replaces Condition(s) 1-18

Item 3-3.1:
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:

40 CFR 52.21

Item 3-3.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-3.3:
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 3-3.4:
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 3-3.5:
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 3-3.6:
The Compliance Certification activity will be performed for the Facility.

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

Item 3-3.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility-wide (Emission Units U-00001 through U-00007) particulate matter (PM) emissions is limited to less than 249 tons per year on a rolling twelve month basis. To demonstrate compliance with the above emission limit, the facility shall maintain monthly records on facility-wide rolling twelve month PM emissions. PM emissions shall be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval. Records 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-4: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-4.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-4.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-4.3:
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 3-4.4:
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 3-4.5:
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 3-4.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0608

Emission Unit: U-00006 Emission Point: E0610

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

Item 3-4.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to demonstrate compliance with the particulate emission limit of 0.001 grain/dscf, when Emission Sources S0601 and S0606 are operational, the pressure drop across the filters (Control Device Nos. C0601, C0608, C0609, and C0610) will be monitored at least once per week and maintained between the specified pressure drop range. This pressure drop range shall not apply during periods of start-up following filter replacement. If the pressure drop recorded during normal operation is outside of this range, Corning shall inspect the dust collector and initiate corrective action as necessary. Pressure drop readings and maintenance records shall be kept on site for five years and made available to the Department upon request.

The design specifications for Control Device NOs. C0601, C0608, C0609, and C0610 have not been finalized. The pressure drop ranges for these control devices will be provided to NYSDEC prior to installation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-5: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-5.1:
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 Subpart 231-8

Item 3-5.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-5.3:
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 3-5.4:
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 3-5.5:
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 3-5.6:
The Compliance Certification activity will be performed for the Facility.

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

Item 3-5.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the particulate emission limit of 0.001 grain/dscf, when Emission Source S0606 is operational, the pressure drop across the dust collector (Control Device No. C0611) will be monitored at least once per week and maintained between 0.1 and 12 inches of water. This pressure drop range shall not apply during periods of start-up following filter replacement. If the pressure drop recorded during normal operation is outside of this range, Corning shall inspect the dust collector and initiate corrective action as necessary. Pressure drop readings and maintenance records shall be kept on site for five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.1 inches of water
Upper Permit Limit: 12 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-6: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-6.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-6.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-6.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-6.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-6.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-6.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0602

Emission Unit: U-00006 Emission Point: E0606

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

Item 3-6.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the particulate emission limit of 0.001 grain/dscf, when Emission Sources S0602 and S0606 are operational, the pressure drop across the dust collectors (Control Device No. C0602 and C0606) will be monitored at least once per week and maintained between 0.2 and 7.5 inches of water. This pressure drop range shall not apply during periods of start-up following filter replacement. If the pressure drop recorded during normal operation is

outside of this range, Corning shall inspect the dust collector and initiate corrective action as necessary. Pressure drop readings and maintenance records shall be kept on site for five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 7.5 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-7: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-7.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-7.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-7.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-7.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-7.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-7.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0602

Emission Unit: U-00006 Emission Point: E0606

Emission Unit: U-00006 Emission Point: E0608

Emission Unit: U-00006 Emission Point: E0610

Emission Unit: U-00006 Emission Point: E0611

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

Item 3-7.7:
Compliance Certification shall include the following monitoring:

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

In order to remain below the applicable significant project threshold for 6NYCRR Part 231-8, emissions of particulates are limited to less than 0.001 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

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 0.001 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.

The 0.001 grains/dscf PM emission limit of this condition supersedes the applicable 40CFR60.672(a) PM emission limits contained in this permit. All other applicable 40CFR60 Subpart OOO requirements remain in effect and are not affected by this condition.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.001 grains per dscf
Monitoring Frequency: SEMI-ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-18: Capping Monitoring Condition
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-3

Item 1-18.1:
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:

40 CFR 52.21

Item 1-18.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-18.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 1-18.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-18.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-18.6:
The Compliance Certification activity will be performed for the Facility.

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

Item 1-18.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility-wide particulate matter (PM) emissions is limited to less than 249 tons per year on a rolling twelve month basis. To demonstrate compliance with the above emission limit, the facility shall maintain monthly records on facility-wide rolling twelve month PM emissions. PM emissions shall be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval. Records 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 1-20: Capping Monitoring Condition
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 1-20.1:
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 231-2.2

Item 1-20.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-20.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 1-20.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-20.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-20.6:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 1-20.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to cap out of the requirements of 6NYCRR Part 231-2.2, the facility shall limit the NOx emissions from Emission Units U-00001 to U-00005 to less than 99 tons per year on a rolling twelve month basis, and the emissions from Emission Unit U-00006 to less than 39 tons per year on a rolling twelve month basis.

To demonstrate compliance with the above emission limit, the facility shall maintain monthly records on rolling twelve month NOx emissions from Emission Units U-00001 to U-00005, and Emission Unit U-00006. NOx emissions shall be calculated based on fuel uage records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval. Records 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 3-8: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 3-8.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 3-8.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Corning has demonstrated that the ambient impact of the hydrogen fluoride emissions from the facility does not exceed the Part 257-8 ambient fluoride standards, based on a dispersion model submitted to the Department in May 2015.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-3: Compliance Certification
Effective between the dates of 03/25/2014 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-9
Replaces Condition(s) 1-23

Item 2-3.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001 Emission Point: E0002

Emission Unit: U-00001 Emission Point: E0004

Emission Unit: U-00001 Emission Point: E0007

Emission Unit: U-00001 Emission Point: E0008

Emission Unit: U-00001 Emission Point: E0018

Emission Unit: U-00001 Emission Point: E0025

Emission Unit: U-00004 Emission Point: E0019

Emission Unit: U-00004 Emission Point: E0020

Emission Unit: U-00004 Emission Point: E0021

Emission Unit: U-00004 Emission Point: E0022

Emission Unit: U-00004 Emission Point: E023A

Emission Unit: U-00004 Emission Point: E023B

Emission Unit: U-00004 Emission Point: E023C

Emission Unit: U-00004 Emission Point: E024A

Emission Unit: U-00006 Emission Point: E0602

Emission Unit: U-00006 Emission Point: E0603

Emission Unit: U-00006 Emission Point: E0604

Emission Unit: U-00006 Emission Point: E0605

Emission Unit: U-00006 Emission Point: E620A

Emission Unit: U-00006 Emission Point: E620B

Emission Unit: U-00006 Emission Point: E621A

Emission Unit: U-00006 Emission Point: E621B

Emission Unit: U-00007 Emission Point: E0701

Item 2-3.2:
Compliance Certification 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: SEMI-ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 3-9: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Replaces Condition(s) 2-3

Item 3-9.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001	Emission Point: E0002
Emission Unit: U-00001	Emission Point: E0004
Emission Unit: U-00001	Emission Point: E0007
Emission Unit: U-00001	Emission Point: E0008
Emission Unit: U-00001	Emission Point: E0025
Emission Unit: U-00004	Emission Point: E0019

Emission Unit: U-00004 Emission Point: E0020

Emission Unit: U-00004 Emission Point: E0021

Emission Unit: U-00004 Emission Point: E0022

Emission Unit: U-00004 Emission Point: E023A

Emission Unit: U-00004 Emission Point: E023B

Emission Unit: U-00004 Emission Point: E023C

Emission Unit: U-00004 Emission Point: E023D

Emission Unit: U-00004 Emission Point: E024A

Emission Unit: U-00004 Emission Point: E024D

Emission Unit: U-00006 Emission Point: E620A

Emission Unit: U-00006 Emission Point: E620B

Emission Unit: U-00006 Emission Point: E620C

Emission Unit: U-00006 Emission Point: E621A

Emission Unit: U-00006 Emission Point: E621B

Emission Unit: U-00006 Emission Point: E621C

Emission Unit: U-00007 Emission Point: E0701

Item 3-9.2:
Compliance Certification 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: SEMI-ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-10: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Replaces Condition(s) 35

Item 3-10.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003
Process: P04 Emission Source: C0012

Emission Unit: U-00003
Process: P04 Emission Source: C0013

Emission Unit: U-00003
Process: P04 Emission Source: C0014

Emission Unit: U-00003
Process: P04 Emission Source: C0015

Emission Unit: U-00006
Process: P08 Emission Source: C0603

Emission Unit: U-00006
Process: P08 Emission Source: C0604

Item 3-10.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The dryer oil mist eliminator emission control devices have been installed voluntarily as a precautionary measure by Corning to assure compliance with the Part 212 opacity standard. The control devices are intended for use on as as-needed basis, and will be used at Corning's discretion to address any indication of increased levels of opacity resulting from drying operations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-10

Item 35.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003
Process: P04 Emission Source: C0012

Emission Unit: U-00003
Process: P04 Emission Source: C0013

Emission Unit: U-00003
Process: P04 Emission Source: C0014

Emission Unit: U-00003
Process: P04 Emission Source: C0015

Emission Unit: U-00003
Process: P04 Emission Source: C0016

Emission Unit: U-00003
Process: P04 Emission Source: C0017

Emission Unit: U-00006
Process: P08 Emission Source: C0603

Emission Unit: U-00006
Process: P08 Emission Source: C0604

Emission Unit: U-00006
Process: P08 Emission Source: C0605

Item 35.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The dryer oil mist eliminator emission control devices have been installed voluntarily as a precautionary measure by Corning to assure compliance with the Part 212 opacity standard. The control devices are intended for use on as as-needed basis, and will be used at Corning's discretion to address any indication of increased levels of opacity resulting from drying operations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 3-11: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Replaces Condition(s) 2-5

Item 3-11.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001 Emission Point: E0002

Emission Unit: U-00001 Emission Point: E0004

Emission Unit: U-00001 Emission Point: E0007

Emission Unit: U-00001 Emission Point: E0008

Emission Unit: U-00001 Emission Point: E0025

Emission Unit: U-00003 Emission Point: E0012

Emission Unit: U-00003 Emission Point: E0013

Emission Unit: U-00003 Emission Point: E0014

Emission Unit: U-00003 Emission Point: E0015

Emission Unit: U-00004 Emission Point: E0019

Emission Unit: U-00004 Emission Point: E0020

Emission Unit: U-00004 Emission Point: E0021

Emission Unit: U-00004 Emission Point: E0022

Emission Unit: U-00004 Emission Point: E023A

Emission Unit: U-00004 Emission Point: E023B

Emission Unit: U-00004 Emission Point: E023C

Emission Unit: U-00004 Emission Point: E023D

Emission Unit: U-00004 Emission Point: E024A

Emission Unit: U-00004 Emission Point: E024D

Emission Unit: U-00006 Emission Point: E0603

Emission Unit: U-00006 Emission Point: E0604

Emission Unit: U-00006 Emission Point: E0606

Emission Unit: U-00006 Emission Point: E0608

Emission Unit: U-00006 Emission Point: E0610

Emission Unit: U-00006 Emission Point: E0611

Emission Unit: U-00006 Emission Point: E620A

Emission Unit: U-00006 Emission Point: E620B

Emission Unit: U-00006 Emission Point: E620C

Emission Unit: U-00006 Emission Point: E621A

Emission Unit: U-00006 Emission Point: E621B

Emission Unit: U-00006 Emission Point: E621C

Emission Unit: U-00007 Emission Point: E0701

Item 3-11.2:
Compliance Certification 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: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 2-5: Compliance Certification
Effective between the dates of 03/25/2014 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-11
Replaces Condition(s) 1-25

Item 2-5.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001 Emission Point: E0002

Emission Unit: U-00001 Emission Point: E0004

Emission Unit: U-00001 Emission Point: E0007

Emission Unit: U-00001	Emission Point: E0008
Emission Unit: U-00001	Emission Point: E0018
Emission Unit: U-00001	Emission Point: E0025
Emission Unit: U-00003	Emission Point: E0012
Emission Unit: U-00003	Emission Point: E0013
Emission Unit: U-00003	Emission Point: E0014
Emission Unit: U-00003	Emission Point: E0015
Emission Unit: U-00003	Emission Point: E0016
Emission Unit: U-00003	Emission Point: E0017
Emission Unit: U-00004	Emission Point: E0019
Emission Unit: U-00004	Emission Point: E0020
Emission Unit: U-00004	Emission Point: E0021
Emission Unit: U-00004	Emission Point: E0022
Emission Unit: U-00004	Emission Point: E023A
Emission Unit: U-00004	Emission Point: E023B
Emission Unit: U-00004	Emission Point: E023C
Emission Unit: U-00004	Emission Point: E024A
Emission Unit: U-00006	Emission Point: E0602
Emission Unit: U-00006	Emission Point: E0603
Emission Unit: U-00006	Emission Point: E0604
Emission Unit: U-00006	Emission Point: E0605
Emission Unit: U-00006	Emission Point: E620A
Emission Unit: U-00006	Emission Point: E620B
Emission Unit: U-00006	Emission Point: E621A
Emission Unit: U-00006	Emission Point: E621B
Emission Unit: U-00007	

Emission Unit: U-00007 Emission Point: E0701

Item 2-5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

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

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

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

Monitoring Frequency: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 2-6: Compliance Certification
Effective between the dates of 03/25/2014 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3
Replaces Condition(s) 38

Item 2-6.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 2-6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The periodic and tunnel kilns are subject to the 6NYCRR Part 212.10 NOx RACT requirements. The following process specific NOx RACT determinations have been made based on Corning's original NOx RACT analysis of 2008 and updated NOx RACT analyses of 2010 and 2013:

To maintain compliance with the 6NYCRR Part 212.10 NOx RACT requirements, the 12-month rolling NOx emissions shall not exceed 16.38 tons from each periodic kiln (Emission Sources S0019, S0020, S0021, S0022), 28.1 tons form tunnel kiln 1 (Emission Source S0023), 20.61 tons from tunnel kiln 2 (Emission Sources S0024), and 30.5 tons from each tunnel kiln 3 and 4 (Emission Sources S0620, S0621), respectively. NOx emissions shall be calculated monthly and incorporated into a 12-month rolling total. Calculations shall be based on natural gas usage and the NOx emission factors provided in the NOx RACT analysis. The NOx emission factors are subject to change based on new stack test information. Records shall be kept on site for five years and made available to the Department upon request. This RACT determination shall be reevaluated and submitted prior to the renewal of the Title V permit or when the above emission limits are exceeded.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 37.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006

Process: P09

Item 37.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
To demonstrate compliance with the 6NYCRR Part 212.10(c)(3) NOx RACT requirements, the facility shall validate the 99.45 lb/MMCF NOx emission factor provided in the NOx RACT analysis through a compliance test no later than 60 days after the issuance of this permit.

The facility shall also provide the Department with a NOx emission cap compliance strategy to assure that the Emission Unit U-00006 NOx emissions will not exceed the unit level 6NYCRR Part 231-2.2 NOx emissions cap of 39 TPY prior to the construction of Tunnel Kiln 4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 3-12: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212.10 (f)

Replaces Condition(s) 39

Item 3-12.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0603

Emission Unit: U-00006 Emission Point: E0604

Item 3-12.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owners and/or operators of emission points located at facilities described in subdivision 212.10(a) which commence construction after August 15, 1994 must submit a RACT demonstration for volatile organic compound emissions with each application for a permit to construct. Reasonably available control technology must be implemented on these emission points when operation commences. A RACT analysis is not required for new emission points with volatile organic compound emission rate potentials less than 3.0 pounds per hour and actual emissions in the absence of control equipment less than 15.0 pounds

per day at facilities located outside of the Lower Orange County and New York City metropolitan areas.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-12

Item 39.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0603

Emission Unit: U-00006 Emission Point: E0604

Emission Unit: U-00006 Emission Point: E0605

Item 39.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owners and/or operators of emission points located at facilities described in subdivision 212.10(a) which commence construction after August 15, 1994 must submit a RACT demonstration for volatile organic compound emissions with each application for a permit to construct. Reasonably available control technology must be implemented on these emission points when operation commences. A RACT analysis is not required for new emission points with volatile organic compound emission rate potentials less than 3.0 pounds per hour and actual emissions in the absence of control equipment less than 15.0 pounds per day at facilities located outside of the Lower Orange County and New York City metropolitan areas.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 41.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
6NYCRR 226. Requirements for Cold Cleaning Degreasers (For Title V after 12/31/2003)

A. Equipment Specifications

The following types of control equipment must be used when conducting cold cleaning degreasing, solvent metal cleaning:

(1) A cover which can be operated easily.
(2) An internal drainage facility (under cover), if practical.
(3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
(4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C.

B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

C. General Requirements:

A Person conducting solvent metal cleaning must:
(1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
(2) Maintain equipment to minimize leaks and fugitive emissions.
(3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.

(4) Keep the degreaser cover closed except when:
(a) parts are being placed into or being removed from the degreaser;
(b) adding or removing solvent from the degreaser;
(c) no solvent is in the degreaser; or
(d) when manually cleaning metal parts in the cold cleaning degreaser.
(5) Create and retain a record of solvent consumption for five years.

This record must be made available to the Department upon request.
(6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
(7) If using a cold cleaning degreaser that is subject to paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.
(a) the name and address of the solvent supplier;
(b) the type of solvent including the product or vendor identification number; and
(c) the vapor pressure of the solvent measured in mm Hg at 20 °C (68 °F).
(8) Include in the semiannual monitoring report and annual compliance certifications (required of all permitteres subject to Title V) the solvent consumption required under (5) above, as well as a statement that the premittee's obligations under items (1) through (7) above have been met for the period of the report or certification.. This statement must be based on the permittees observations on a daily basis that the operation of the solvent metal cleaning process has met the above criteria. The permittee must maintain a log of instances when the above have not been met, and such statement must summarize these instances.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 3-13: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (v)

Replaces Condition(s) 77

Item 3-13.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00002	Emission Point: E0009
Emission Unit: U-00002	Emission Point: E0010
Emission Unit: U-00002	Emission Point: E0011

Item 3-13.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-14: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-6.5

Item 3-14.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3-14.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

In order to comply with the 6NYCRR Part 231-6.5 LAER requirements, NOx emissions from the emergency generators and other small combustion sources shall be limited to the emission rates as represented by the 9 June 2015 document entitled, "Attachment E NOx LAER limits for Small Combustion Sources and Emergency Generators", which is based on either manufacturer's emission data or U.S. EPA AP-42 emission factors (where no manufacturer's information is available).

Each of the emergency generators (Emission Sources S031A, S031B, S031C, S031D, S0032, S0033, S0035, S0037, S0103, S0106, and S0630) shall be limited to 500 hours of operation on a rolling twelve month basis. Emergency generator (Emission Source S0631) shall be limited to 300 hours of operation on a rolling twelve month basis. The annual cumulative operation of each emergency generator during testing shall not exceed more than 100 hours per year. Regular engine testing shall be performed no more than once per month per engine under normal circumstances, and each test will be conducted for the duration recommended by the engine manufacturer. As an exception to the once per month engine test limitation, those smaller engines associated with fire suppression and life safety (Emission Sources S0035 and S0037), will be tested consistent with manufacturer’s recommendations

approximately once per week. There shall be no simultaneous testing of the emergency generators. The facility shall maintain a monthly log on the operation of the emergency generators to demonstrate compliance with the above requirements.

The facility shall maintain and operate these sources according to manufacturer's recommendations. Records demonstrating compliance with Emission Units U-00001 through U-00007 emission caps, emergency generator operation, and equipment maintenance shall be kept on site for five years and made available to the Department upon request.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-15: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-6.5

Item 3-15.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3-15.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to comply with the 6NYCRR Part 231-6.5 LAER requirements, Corning shall conduct a pilot SNCR analysis on Tunnel Kiln No. 4 (Emission Source S0621) to determine if SNCR should be employed to trim NOx emissions on POC2 of S0621. If SNCR is determined to be feasible, the LAER emission limits will be adjusted to reflect the demonstrated POC2 NOx reduction. The pilot assessment shall include:

1. A confirmation of actual exhaust temperatures and NOx concentrations after start-up. Corning will submit information detailing the actual exhaust temperatures and NOx concentrations to the Department as a means of validating further assessment of SNCR. This report shall be submitted within 30 days of commencement of actual production;

2. A protocol for the pilot test that would describe the test scenario and conditions will be submitted to the Department for review and

approval within 30 days of commencement of actual production;

3. Corning shall conduct the pilot SNCR test within 60 days of the Department's approval of the above referenced test protocol; and submit the test report within 30 days of the completion of the test.

4. If full scale SNCR is determined to be feasible, a revised LAER limit for S0621, and a proposed schedule for implementation of a full SNCR installation on POC2 of S0621 will be incorporated into the Title V permit.

5. If SNCR is determined to be feasible on Tunnel Kiln No. 4 POC2, Corning shall conduct a pilot SNCR analysis on Tunnel Kiln No. 3 (Emission Source S0620) to determine if SNCR should be employed to trim NOx emissions on POC2 of S0620. The Tunnel Kiln No. 3 pilot assessment shall follow the above-mentioned four step assessment process. If SNCR is determined to be feasible on Tunnel Kiln No. 3, the Tunnel Kiln No. 3 LAER emission limits will be adjusted to reflect the demonstrated POC2 NOx reduction.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-16: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-6.5

Item 3-16.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3-16.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to comply with the 6NYCRR Part 231-6.5 LAER requirements, NOx emissions from the ceramic kilns shall be limited as follows:

1. Tunnel Kilns - Maximum of 2.28 pounds NOx per hour from POC1 zones and thermal oxidizers, 4.89 pounds NOx per hour from POC2 zones and thermal oxidizers, and 1.18 pounds NOx per hour from Ware Cool zones for each tunnel kiln.

2. Periodic Kilns - Maximum of 5.61 pounds NOx per hour for each periodic kiln and 194.2 pounds NOx per million cubic feet of natural gas combusted during each periodic kiln cycle. Notwithstanding the maximum NOx limit above, any periodic kiln may emit up to 8.42 lb/hr of NOx provided the total NOx of the 4 periodic kilns combined shall not exceed 22.44 lb/hr.

Compliance with the emission limits shall be demonstrated through stack testing within 180 days after changes associated with the Title V Ren 0 Mod 3 permit, but no later than 18 months after the permit issuance. Corning shall submit a stack test protocol to the Department for approval at least 30 days prior to the test. Within 60 days of the completion of the stack testing, Corning shall provide the Department with the test report and a detailed methodology on how to monitor and report NOx emissions from the kilns so as to make the NOx limits practically enforceable. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

As an alternative to the detailed NOx monitoring and reporting methodology, Corning may install a NOx continuous emission monitoring system (CEMS). If a NOx CEMS is installed: within six (6) months of commencement of actual production, and thereafter, Corning shall install, calibrate, maintain, and operate a continuous emission monitoring (CEM) system to measure stack gas NOx (as measured NO2) for each of the POC2 stacks of each tunnel kiln and the single stack of each periodic kiln. The systems shall meet EPA monitoring performance specifications (40 CFR Part 60.13 and 40 CFR Part 60, Appendix B, Performance Specifications 1, 2, and 3, and Appendix F).

NOx excess emissions shall be defined as: any 1-hour period during which the average emission of NOx, as measured by the CEM system, exceeds the corresponding mass emission limit set for NOx for each of the kilns.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-17: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-6.5

Item 3-17.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3-17.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to comply with the 6NYCRR Part 231-6.5 LAER requirements, the NOx emissions from the facility (Emission Units U-00001 through U-00007) are limited to 247.7 tons per year on a rolling twelve month basis. The limit is consistent with the projected emissions and the project emission potential that has been offset as part of this project. To demonstrate compliance with the above emission limit, the facility shall maintain monthly records on facility-wide rolling twelve month NOx emissions. NOx emissions shall be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to department approval. Records shall be kept on site for five years and made available to the department upon request.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 247.7 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-18: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-6.6

Item 3-18.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3-18.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to comply with the emission offset requirements of 6NYCRR 231-6.6, the facility has obtained 300 TPY of NOx Emission Reduction

Credits (ERCs) from Corning Inc. Asahi Video Products Company, College Township, Centre County, Pennsylvania for the Diesel Capacity Improvement Project. The NOx ERCs required for the project is 181.47 TPY, which is based on the Net Emission Increase of 157.8 TPY NOx and the offset ratio of 1:1.15. The remaining unused 118.53 TPY NOx ERCs will be retired from the New York registry.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-26: Compliance Certification
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 1-26.1:
The Compliance Certification activity will be performed for the Facility.

Item 1-26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Corning is committed to using up to 300 NOx emission reduction credits (ERCs) transferred from the Pennsylvania (PA) registry to the New York registry for the exclusive and sole use of the "Capacity Improvement" New Source Review (NSR) project application for Corning Diesel Manufacturing Facility. To be eligible for use as NOx offsets for this NSR project, Corning must submit a complete NSR application to NYSDEC no later than June 23, 2013, which is the PA NOx ERC's expiration date. Failure to submit a complete application by June 23, 2013 will result in the forfeiture of the transferred NOx ERCs. Any remaining NOx ERCs transferred not applied to the "Capacity Improvement" NSR project will be retired from the New York registry.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 3-19: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-11.2 (c)

Item 3-19.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-19.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Corning has demonstrated compliance with the Carbon Monoxide 1-hour and 8-hour National Ambient Air Quality Standards, based on a dispersion model submitted to the Department in May 2015.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-20: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-11.2 (c)

Item 3-20.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-20.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility shall perform stack testing for periodic and tunnel kilns to determine the CO emission rates within 180 days after changes associated with the Title V Ren 0 Mod 3 permit, but no later than 18 months after the permit issuance. The facility shall submit a stack test protocol to the Department for approval at least 30 days prior to the test. Test reports shall be submitted within 60 days of the completion of the tests. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-21: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-11.2 (c)

Item 3-21.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 3-21.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

HF emissions from the Emission Unit U00004 Tunnel Kilns 1 and 2 (Emission Sources S0023 and S0024) and Emission Unit U00006 Tunnel Kiln 3 (Emisison Source S0620) shall achieve at least 95% overall control when fluorine content of raw material exceeds 0.00002 lb F/lb ware to be consistent with the modeling inputs.

The HF control periods of firing cycles are documented in Corning Incorporated Diesel Manufacturing Facility Control Period Matrix. Corning shall operate the HF scrubbers in accordance with the HF control period for each firing cycles as specified in this document. The control periods may be altered based on new stack test information. Changes involving the addition of new firing cycles or changes that affect the control periods for existing firing cycles will have new or revised control periods established in advance. The following records shall be maintained on site for five years and made available to the Department upon request:

(1) Documentation of each control period determination

(2) Documentation that the appropriate control period has been used for each firing

(3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

The HF control requirements for Tunnel Kilns 1 and 2 of this condition supersede those determined previously as the Case-by-Case MACT contained in Condition No. 82 of this permit. All other applicable MACT requirements for Tunnel Kilns 1 and 2 remain in effect and are not affected by this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-22: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-11.2 (c)

Item 3-22.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: P01 Emission Source: S0003

Emission Unit: U-00001
Process: P02 Emission Source: S0005

Emission Unit: U-00001
Process: P02 Emission Source: S0006

Emission Unit: U-00001
Process: P02 Emission Source: S0007

Emission Unit: U-00001
Process: P02 Emission Source: S0008

Emission Unit: U-00002
Process: P03 Emission Source: S0009

Emission Unit: U-00002
Process: P03 Emission Source: S0010

Emission Unit: U-00002
Process: P03 Emission Source: S0011

Emission Unit: U-00003
Process: P04 Emission Source: S0012

Emission Unit: U-00003
Process: P04 Emission Source: S0013

Emission Unit: U-00003
Process: P04 Emission Source: S0014

Emission Unit: U-00003
Process: P04 Emission Source: S0015

Emission Unit: U-00004
Process: P05 Emission Source: S0019

Emission Unit: U-00004
Process: P05 Emission Source: S0020

Emission Unit: U-00004
Process: P05 Emission Source: S0021

Emission Unit: U-00004
Process: P05 Emission Source: S0022

Emission Unit: U-00004
Process: P05 Emission Source: S0023

Emission Unit: U-00004
Process: P05 Emission Source: S0024

Emission Unit: U-00005
Process: P07

Emission Unit: U-00006
Process: P09 Emission Source: S0620

Emission Unit: U-00006
Process: P10 Emission Source: S0630

Item 3-22.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For a modification with a project emission potential which is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, but equals or exceeds 50 percent of the applicable significant project threshold when emissions excluded in accordance with clause 231-4.1(b)(41)(i)(c) of this Part are added and is less than the applicable significant project threshold, or for a modification with a project emission potential which equals or exceeds 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part and is less than the applicable significant project threshold, the facility owner or operator must submit an application to modify the facility permit under the minor permit provisions of Subpart 201-6 of this Title or obtain a preconstruction permit under the provisions of Subpart 201-6 of this Title, and must:

(1) maintain the following information for a minimum of five years:

(i) a description of the modification.

(ii) an identification of each new or modified emission source(s) including the associated processes and emission unit.

(iii) the calculation of the project emission potential for each modified emission source(s) including supporting documentation.

(iv) the date the modification commenced operation.

(2) monitor the emissions of each regulated NSR contaminant from the

emission source(s) that will increase as a result of the modification, and calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five years following resumption of regular operations after the modification, or for a period of 10 years following resumption of regular operations after the change if the modification increases the design capacity of or potential to emit the regulated NSR contaminant at such emission source(s); and

(3) submit a report to the department within 30 days after the end of each year during which records must be generated in accordance with Paragraph 231-11.2(c)(2) of this Part. The report must contain:

(i) the name, address, and telephone number of the major facility.

(ii) the annual emissions as calculated pursuant to Paragraph (c)(2) of this Section.

(iii) a comparison of actual annual emissions to the projected actual emissions and, if applicable, an explanation as to why the actual annual emissions exceeded the projected actual emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 3-23: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR Subpart 231-12

Item 3-23.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 010102-44-0 NITROGEN DIOXIDE

Item 3-23.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: AMBIENT AIR MONITORING
Monitoring Description:
Post Construction Ambient Air Monitoring

I) Post Construction Ambient Air Monitoring of the 1-hour Average NO2 NAAQS:
Under 40 CFR Part 51.166(m)(2) and (3), Corning shall procure, install and maintain a NO2 ambient air monitor in an area where the approved dispersion modeling for this project identified the higher concentrations of the 1-hour National Ambient Air Quality Standard

(NAAQS). The precise location must be identified in a monitoring protocol and must be approved by NYSDEC prior to the installation. The NO2 ambient monitor shall operate within six months of commencement of actual production of the facility.

Corning shall implement a NO2 ambient air monitoring program of the 1-hour average NAAQS according to the following requirements:

1.Corning shall implement the monitoring program in accordance with a NO2 ambient air monitoring Quality Assurance Project Plan (QAPP) and monitoring protocol which is approved by NYSDEC. No data may be accepted prior to the approval of the QAPP.

2.Corning shall submit the QAPP and monitoring protocol within three (3) months of the issuance of the permit.

3.Corning shall submit interim status reports to NYSDEC every two months to keep them informed of the progress made by Corning in implementing the monitoring program.

4.Corning shall follow the Quality Assurance/Quality Control (QA/QC) procedures as specified under 40 CFR Part 58.

5.The monitor must meet EPA siting criteria and use EPA reference monitoring instruments identified in 40 CFR Part 58. Additionally, Corning must provide the easting and northing locations and the elevation of the monitor.

6.In the event that Corning cannot locate a monitor at the specified site due to factors beyond Corning's control, Corning shall submit a proposal for an alternate site to NYSDEC for consideration. This alternate site must be approved by NYSDEC prior to installation.

7.The duration of the monitoring collection shall not exceed 3 years unless the monitor records an exceedance of the applicable NAAQS in which case NYSDEC may extend the monitoring period.

8.The data collection during the 3 year monitoring program must be done consecutively and contain sufficient data capture for determining compliance with the 1-hour average NO2 NAAQS. This requirement would apply even if a new modeling method(s) were to be approved in the future that could be used by Corning to demonstrate the ambient acceptability of this project.

9.The monitoring data shall be recorded and submitted to NYSDEC on a quarterly basis. If an exceedance is measured, Corning shall notify NYSDEC of such an exceedance in writing within 15 days of its completion of normal QA/QC procedures for the specified month.

10.Corning shall notify NYSDEC of the date of commencement of operation of the monitoring program.

11.Data capture shall be greater than 75% on a quarterly basis

12.Data capture shall be greater than 75% on an annual basis.

II) Reporting Requirements

A.Monitoring Data
1. Monitoring data reporting to NYSDEC shall be done on a quarterly basis.
2. Quarterly reports shall be submitted to NYSDEC within 120 days of the end of the last day of each quarter.
3. An annual report shall be submitted to NYSDEC within 120 days of the end of the last quarter.
4. All reports shall be addressed to NYSDEC Region 8 Division of Air Resources.

B. In the event that the monitoring data shows a violation of either the annual or 1-hour average NO2 NAAQS based on their respective design values, Corning shall contact NYSDEC immediately so that action may be taken to resolve the violation.

Upper Permit Limit: 100 parts per billion by volume
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-24: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR Subpart 231-12

Item 3-24.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3-24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Corning has demonstrated compliance with the Nitrogen Dioxide 1-hour and Annual National Ambient Air Quality Standards and other applicable requirements of 6NYCRR Part 231-12, based on a dispersion model submitted to the Department in May 2015.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-25: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.672(a), NSPS Subpart OOO

Replaces Condition(s) 1-33

Item 3-25.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0602

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

Item 3-25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Affected facilities that commence construction, modification, or reconstruction on or after April 22, 2008 must meet the stack particulate matter emission limit of 0.032 g/dscm (0.014 gr/dscf) within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. Compliance with the requirement will be determined by using the appropriate test methods specified in 40CFR60.675 following a protocol and test schedule approved by the Department.

The above particulate matter emission limit of 0.014 gr/dscf is superseded by the 0.001 gr/dscf particulate matter emission limit under 6NYCRR Part 201-7.1.

Upper Permit Limit: 0.001 grains per dscf
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-33: Compliance Certification
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.672(a), NSPS Subpart OOO

Replaced by Condition(s) 3-25
Replaces Condition(s) 92

Item 1-33.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0602

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

Item 1-33.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Affected facilities that commence construction, modification, or reconstruction on or after April 22, 2008 must meet the stack particulate matter emission limit of 0.032 g/dscm (0.014 gr/dscf) within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. Compliance with the requirement will be determined by using the appropriate test methods specified in 40CFR60.675 following a protocol and test schedule approved by the Department.

Upper Permit Limit: 0.014 grains per dscf
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 3-26: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.674(c), NSPS Subpart OOO

Replaces Condition(s) 1-35

Item 3-26.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0602

Item 3-26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Except as specified in paragraph (d) or (e) of 40 CFR 60.674, the owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections using EPA Method 22 (40 CFR part 60, Appendix A-7). The Method 22 (40 CFR part 60, Appendix A-7) test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner or operator must record each Method 22 (40 CFR part 60, Appendix A-7) test, including the date and any corrective actions taken, in the logbook required under §60.676(b). The owner or operator of the affected facility may establish a different baghouse-specific success level for the visible emissions test (other than no visible emissions) by conducting a PM performance test according to §60.675(b) simultaneously with a Method 22 (40 CFR part 60, Appendix A-7) to determine what constitutes normal visible emissions from that affected facility's baghouse when it is in compliance with the applicable PM concentration limit in Table 2 of this subpart. The revised visible emissions success level must be incorporated into the permit for the affected facility.

Parameter Monitored: OPACITY
Upper Permit Limit: 0 percent
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: QUARTERLY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-35: Compliance Certification
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.674(c), NSPS Subpart OOO

Replaced by Condition(s) 3-26
Replaces Condition(s) 93

Item 1-35.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0602

Item 1-35.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Except as specified in paragraph (d) or (e) of 40 CFR 60.674, the owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections using EPA Method 22 (40 CFR part 60, Appendix A-7). The Method 22 (40 CFR part 60, Appendix A-7) test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner or operator must record each Method 22 (40 CFR part 60, Appendix A-7) test, including the date and any corrective actions taken, in the logbook required under §60.676(b). The owner or operator of the affected facility may establish a different baghouse-specific success level for the visible emissions test (other than no visible emissions) by conducting a PM performance test according to §60.675(b) simultaneously with a Method 22 (40 CFR part 60, Appendix A-7) to determine what constitutes normal visible emissions from that affected facility's baghouse when it is in compliance with the applicable PM concentration limit in Table 2 of this subpart. The revised visible emissions success level must be incorporated into the permit for the affected facility.

Parameter Monitored: OPACITY
Upper Permit Limit: 0 percent
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: QUARTERLY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 3-27: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.676(b)(1), NSPS Subpart OOO

Replaces Condition(s) 1-36

Item 3-27.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0602

Item 3-27.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owners or operators of affected facilities for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under 40CFR60.674(b) or (c), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-36: Compliance Certification
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.676(b)(1), NSPS Subpart OOO

Replaced by Condition(s) 3-27
Replaces Condition(s) 94

Item 1-36.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00006 Emission Point: E0601

Emission Unit: U-00006 Emission Point: E0602

Item 1-36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owners or operators of affected facilities for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under 40CFR60.674(b) or (c), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator upon

request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 2-12: Compliance Certification
Effective between the dates of 03/25/2014 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-28
Replaces Condition(s) 1-57

Item 2-12.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 2-12.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following emission sources and the associated control devices are subject to the requirements of 40CFR64 Compliance Assurance Monitoring (CAM) due to pre-controlled potential emissions of particulates greater than 100 tons per year:

Emission Source/ Control Device
S0005/C0005
S0006/C0006
S0007/C0007
S0008/C0002

S0008/C0025
S0602/C0602
S0701/C0701

The facility has submitted a CAM plan consistent with the requirements of the rule as follows:

Indicator:
1. Visible emissions from the control device exhaust.
2. Pressure drop across each control device.
3. Inspection and maintenance of control devices.

Indicator Range:
1. An opacity of 0% for S0602/C0602.
2. An average opacity of less than 7% (6-minute average) for

S0005/C0005 and S0006/C0006.
3. An average opacity of less than 20% (6-minute average) for S0007/C0007, S0008/C0002, S0008/C0025, and S0701/C0701.
4. The pressure drop ranges for each affected control devices are consistent with those included in the monitoring conditions for the control devices in this permit.

Monitoring Frequency:
1. Opacity observations are conducted semiannually while the sources are in operation.
2. Pressure drop across each control device is measured continuously, and recorded weekly.
3. Inspections are performed according to internal inspection schedules. Maintenance is performed as needed.

QA/QC:
1. Employee are trained to observe visible emissions consistent with Title V permit requirements.
2. The pressure gauges are calibrated consistent with manufacturer's recommendations.
3. Qualified personnel perform inspections and maintenance.

Excursions:
Excursions are visible emissions with opacity above normal but within the indicator range and pressure drop across the control device outside the specified range. Excursions trigger immediate inspection and corrective actions.

A monitoring report must be submitted semi-annually with the required compliance certifications which summarizes the number, duration, and cause of exceedances and corrective actions taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 3-28: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40 CFR Part 64

Replaces Condition(s) 2-12

Item 3-28.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 3-28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The following emission sources and the associated control devices are subject to the requirements of 40CFR64 Compliance Assurance Monitoring (CAM) due to pre-controlled potential emissions of particulates greater than 100 tons per year:

Emission Source/ Control Device
S0005/C0005
S0006/C0006
S0007/C0007
S0008/C0002

S0008/C0025
S0602/C0602
S0606/C0606
S0701/C0701

The facility has submitted a CAM plan consistent with the requirements of the rule as follows:

Indicator:
1. Visible emissions from the control device exhaust.
2. Pressure drop across each control device.
3. Inspection and maintenance of control devices.

Indicator Range:
1. An opacity of 0% for S0602/C0602.
2. An average opacity of less than 7% (6-minute average) for S0005/C0005 and S0006/C0006.
3. An average opacity of less than 20% (6-minute average) for S0007/C0007, S0008/C0002, S0008/C0025, S0606/C0606, and S0701/C0701.

4. The pressure drop ranges for each affected control devices are consistent with those included in the monitoring conditions for the control devices in this permit.

Monitoring Frequency:
1. Opacity observations are conducted quarterly or semiannually as required by the permit while the sources are in operation.
2. Pressure drop across each control device is measured continuously, and recorded weekly.
3. Inspections are performed according to internal inspection schedules. Maintenance is performed as needed.

QA/QC:
1. Employee are trained to observe visible emissions consistent with Title V permit requirements.
2. The pressure gauges are calibrated consistent with manufacturer's recommendations.

3. Qualified personnel perform inspections and maintenance.

Excursions:
Excursions are visible emissions with opacity above normal but within the indicator range and pressure drop across the control device outside the specified range. Excursions trigger immediate inspection and corrective actions.

A monitoring report must be submitted semi-annually with the required compliance certifications which summarizes the number, duration, and cause of exceedances and corrective actions taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

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

Condition 71: Emission Point Definition By Emission Unit
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 71.1(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00001

Emission Point: E0002
Height (ft.): 45 Diameter (in.): 50
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0003
Height (ft.): 50 Diameter (in.): 16
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0004
Height (ft.): 45 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0005
Height (ft.): 38 Diameter (in.): 40
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0006
Height (ft.): 38 Diameter (in.): 40
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0007
Height (ft.): 45 Diameter (in.): 50
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0008
Height (ft.): 45 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0018 Removal Date: 06/09/2015
Height (ft.): 38 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0025
Height (ft.): 45 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Item 71.2(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00002

Emission Point: E0001
Height (ft.): 38 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0009
Height (ft.): 38 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0010
Height (ft.): 38 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0011
Height (ft.): 38 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Item 71.3(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00003

Emission Point: E0012
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0013
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0014
Height (ft.): 39 Diameter (in.): 24

NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0015
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0016 Removal Date: 06/09/2015
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0017 Removal Date: 06/09/2015
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Item 71.4(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00004

Emission Point: E0019
Height (ft.): 85 Diameter (in.): 72
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0020
Height (ft.): 85 Diameter (in.): 72
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0021
Height (ft.): 85 Diameter (in.): 72
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0022
Height (ft.): 85 Diameter (in.): 72
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E023A
Height (ft.): 77 Diameter (in.): 47
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E023B
Height (ft.): 85 Diameter (in.): 49
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E023C
Height (ft.): 50 Diameter (in.): 30
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E023D
Height (ft.): 50 Diameter (in.): 49
NYTMN (km.): 4664.55 NYTME (km.): 321.85

Emission Point: E024A

Height (ft.): 77 Diameter (in.): 47
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E024D
Height (ft.): 50 Diameter (in.): 49
NYTMN (km.): 4664.55 NYTME (km.): 321.85

Item 71.5(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00005

Emission Point: E0027
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0028
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0029
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0030
Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0032
Height (ft.): 33 Diameter (in.): 14
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0033
Height (ft.): 33 Diameter (in.): 14
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0035
Height (ft.): 2 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0037
Height (ft.): 5 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0062
Height (ft.): 39 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0063
Height (ft.): 39 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0064
Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0065
Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0066
Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0067
Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0070
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0071
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0072
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0073
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0074
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0075
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0076
Height (ft.): 34 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0077
Height (ft.): 34 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0078
Height (ft.): 31 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0079
Height (ft.): 31 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0080
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0081
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0082
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0083
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0084
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0085
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0086
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0087
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0088
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0089
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0090
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0091
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0092
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0093
Height (ft.): 47 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0094
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0095
Height (ft.): 42 Diameter (in.): 8
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0096
Height (ft.): 42 Diameter (in.): 8
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0097
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0098
Height (ft.): 39 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0099
Height (ft.): 45 Diameter (in.): 10
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0101
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0103
Height (ft.): 7 Diameter (in.): 4
NYTMN (km.): 4664.55 NYTME (km.): 321.85

Emission Point: E0104
Height (ft.): 11 Diameter (in.): 8
NYTMN (km.): 4664.55 NYTME (km.): 321.85

Emission Point: E0105
Height (ft.): 11 Diameter (in.): 8
NYTMN (km.): 4664.55 NYTME (km.): 321.85

Emission Point: E0106
Height (ft.): 7 Diameter (in.): 5
NYTMN (km.): 4664.55 NYTME (km.): 321.85

Emission Point: E031A
Height (ft.): 12 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E031B
Height (ft.): 12 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E031C
Height (ft.): 33 Diameter (in.): 14
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E031D
Height (ft.): 33 Diameter (in.): 14
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3801
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3802
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3803
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3804
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3805
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3806
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3807
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3808
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3809
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3810
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3811
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3812
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3813
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3814
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3815
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3816
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3817
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3818
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3819
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3820
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3821
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3822
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3823
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3824
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3825
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3826
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3827
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3828
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3829
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3830
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3831
Height (ft.): 28 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E3832
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Item 71.6(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00006

Emission Point: E0601
Height (ft.): 53 Diameter (in.): 16
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0602
Height (ft.): 38 Diameter (in.): 50
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0603
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0604
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0605 Removal Date: 06/09/2015
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0606
Height (ft.): 45 Diameter (in.): 50
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0608
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0610
Height (ft.): 65 Diameter (in.): 4
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0611
Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0630
Height (ft.): 33 Diameter (in.): 14
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0631
Height (ft.): 33 Diameter (in.): 14
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0660
Height (ft.): 40 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0661
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0662
Height (ft.): 39 Length (in.): 33 Width (in.): 50
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0663
Height (ft.): 46 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0664
Height (ft.): 46 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0665
Height (ft.): 46 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0666
Height (ft.): 61 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0667
Height (ft.): 61 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0668
Height (ft.): 61 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0669
Height (ft.): 61 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0670
Height (ft.): 61 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0671
Height (ft.): 18 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0672
Height (ft.): 18 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0673
Height (ft.): 18 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0674
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0675
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0676
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0677
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0678
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0679
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0680
Height (ft.): 25 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0681
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0682
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0683
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0684
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0685
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0686
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0687
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0688
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0689
Height (ft.): 16 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0690
Height (ft.): 14 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0691
Height (ft.): 14 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0692
Height (ft.): 14 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0693
Height (ft.): 14 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0694
Height (ft.): 14 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0695
Height (ft.): 62 Length (in.): 8 Width (in.): 8
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0696
Height (ft.): 59 Diameter (in.): 1
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0697
Height (ft.): 33 Diameter (in.): 4
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0698
Height (ft.): 13 Length (in.): 6 Width (in.): 60
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0699
Height (ft.): 13 Length (in.): 6 Width (in.): 60
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0700
Height (ft.): 13 Length (in.): 6 Width (in.): 60
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0702
Height (ft.): 13 Length (in.): 6 Width (in.): 60
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0703
Height (ft.): 61 Length (in.): 50 Width (in.): 91
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0704
Height (ft.): 14 Diameter (in.): 4
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E620A
Height (ft.): 77 Diameter (in.): 38
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E620B
Height (ft.): 85 Diameter (in.): 84
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E620C
Height (ft.): 50 Diameter (in.): 52
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E621A
Height (ft.): 77 Diameter (in.): 38
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E621B
Height (ft.): 85 Diameter (in.): 76
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E621C
Height (ft.): 59 Diameter (in.): 68
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Item 71.7(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00007

Emission Point: E0701
Height (ft.): 45 Diameter (in.): 50
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Item 71.8(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00005

Emission Point: S0094 Removal Date: 10/05/2012
Height (ft.): 31 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: S0095 Removal Date: 10/05/2012
Height (ft.): 42 Diameter (in.): 8
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: S0096 Removal Date: 10/05/2012

Height (ft.): 42 Diameter (in.): 8
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: S0097 Removal Date: 10/05/2012
Height (ft.): 40 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: S0098 Removal Date: 10/05/2012
Height (ft.): 39 Diameter (in.): 3
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: S0099 Removal Date: 10/05/2012
Height (ft.): 45 Diameter (in.): 10
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: S0100 Removal Date: 10/05/2012
Height (ft.): 45 Diameter (in.): 10
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Item 71.9(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00006

Emission Point: E0640 Removal Date: 05/08/2015
Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0641 Removal Date: 05/08/2015
Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0642 Removal Date: 05/08/2015
Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0645 Removal Date: 05/08/2015
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0646 Removal Date: 05/08/2015
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E0647 Removal Date: 05/08/2015
Height (ft.): 37 Diameter (in.): 6
NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Condition 72: Process Definition By Emission Unit
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 72.1(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: P01 Source Classification Code: 3-05-008-03
Process Description:
THIS PROCESS CONSISTS OF RAW MATERIAL UNLOADING, BATCH PREPARATION, WET TOWER MIXING, AND EXEMPT SOLID MATERIAL STORAGE SILOS.

Emission Source/Control: C0003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0003 - Process

Item 72.2(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: P02 Source Classification Code: 3-05-008-02
Process Description: CUTTING, SKINNING, CONTOURING AND FINISHING.

Emission Source/Control: C0002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0004 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0005 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0006 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0007 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0008 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0025 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0005 - Process

Emission Source/Control: S0006 - Process

Emission Source/Control: S0007 - Process

Emission Source/Control: S0008 - Process

Item 72.3(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00002
Process: P03 Source Classification Code: 4-90-999-98
Process Description: THIS PROCESS INCLUDES FOUR OIL STORAGE TANKS.

Emission Source/Control: C0009 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: C0010 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: C0011 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: S0001 - Process

Emission Source/Control: S0009 - Process

Emission Source/Control: S0010 - Process

Emission Source/Control: S0011 - Process

Item 72.4(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00003
Process: P04 Source Classification Code: 3-05-008-01
Process Description:
THIS PROCESS INCLUDES THE DRYING OF EXTRUDED CERAMIC, INCLUDING EXEMPT GAS-FIRED PREHEATERS. THE OIL MIST ELIMINATORS WILL BE DESIGNED TO REMOVE POTENTIAL LIQUID PARTICULATES AND MINIMIZE OPACITY FROM THE LOG AND PLUG DRYERS.

Emission Source/Control: C0012 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C0013 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C0014 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C0015 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: S0012 - Process

Emission Source/Control: S0013 - Process

Emission Source/Control: S0014 - Process

Emission Source/Control: S0015 - Process

Item 72.5(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00004
Process: P05 Source Classification Code: 3-05-008-12
Process Description:
THIS PROCESS INCLUDES PERIODIC AND TUNNEL KILNS FOR FIRING CERAMIC WARE.

Emission Source/Control: C019A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C019B - Control
Control Type: WET SCRUBBER

Emission Source/Control: C020A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C020B - Control
Control Type: WET SCRUBBER

Emission Source/Control: C021A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C021B - Control
Control Type: WET SCRUBBER

Emission Source/Control: C022A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C022B - Control
Control Type: WET SCRUBBER

Emission Source/Control: C023A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C023B - Control
Control Type: PACKED GAS ABSORPTION SYSTEM, GAS SCRUBBER
(GENERAL, NOT CLASSIFIED)

Emission Source/Control: C023C - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: C023D - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C024A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C024B - Control
Control Type: PACKED GAS ABSORPTION SYSTEM, GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: C024C - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: S0019 - Process

Emission Source/Control: S0020 - Process

Emission Source/Control: S0021 - Process

Emission Source/Control: S0022 - Process

Emission Source/Control: S0023 - Process

Emission Source/Control: S0024 - Process

Item 72.6(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00005
Process: P07 Source Classification Code: 1-02-006-03
Process Description:
FACILITY NATURAL GAS AND DIESEL-FUELED COMBUSTION SOURCES THAT ARE SUBJECT TO VOC LAER AND INSTALLED PRIOR TO 06/03/2008.

Emission Source/Control: S0027 - Combustion

Emission Source/Control: S0028 - Combustion

Emission Source/Control: S0029 - Combustion

Emission Source/Control: S0030 - Combustion

Emission Source/Control: S0032 - Combustion

Emission Source/Control: S0033 - Combustion

Emission Source/Control: S0035 - Combustion

Emission Source/Control: S0037 - Combustion

Emission Source/Control: S0039 - Combustion

Emission Source/Control: S0040 - Combustion

Emission Source/Control: S0041 - Combustion

Emission Source/Control: S0042 - Combustion

Emission Source/Control: S0043 - Combustion

Emission Source/Control: S0044 - Combustion

Emission Source/Control: S0070 - Combustion

Emission Source/Control: S0071 - Combustion

Emission Source/Control: S0072 - Combustion

Emission Source/Control: S0073 - Combustion

Emission Source/Control: S0074 - Combustion

Emission Source/Control: S0075 - Combustion

Emission Source/Control: S0076 - Combustion

Emission Source/Control: S0077 - Combustion

Emission Source/Control: S0078 - Combustion

Emission Source/Control: S0079 - Combustion

Emission Source/Control: S0080 - Combustion

Emission Source/Control: S0081 - Combustion

Emission Source/Control: S0082 - Combustion

Emission Source/Control: S0083 - Combustion

Emission Source/Control: S0084 - Combustion

Emission Source/Control: S0085 - Combustion

Emission Source/Control: S0086 - Combustion

Emission Source/Control: S0087 - Combustion

Emission Source/Control: S0088 - Combustion

Emission Source/Control: S0089 - Combustion

Emission Source/Control: S0090 - Combustion

Emission Source/Control: S0091 - Combustion

Emission Source/Control: S0092 - Combustion

Emission Source/Control: S0093 - Combustion

Emission Source/Control: S0094 - Combustion

Emission Source/Control: S0095 - Combustion

Emission Source/Control: S0096 - Combustion

Emission Source/Control: S0097 - Combustion

Emission Source/Control: S0098 - Combustion

Emission Source/Control: S0099 - Combustion

Emission Source/Control: S0103 - Combustion

Emission Source/Control: S0104 - Combustion

Emission Source/Control: S0105 - Combustion

Emission Source/Control: S0106 - Combustion

Emission Source/Control: S031A - Combustion

Emission Source/Control: S031B - Combustion

Emission Source/Control: S031C - Combustion

Emission Source/Control: S031D - Combustion

Emission Source/Control: S3801 - Combustion

Emission Source/Control: S3802 - Combustion

Emission Source/Control: S3803 - Combustion

Emission Source/Control: S3804 - Combustion

Emission Source/Control: S3805 - Combustion

Emission Source/Control: S3806 - Combustion

Emission Source/Control: S3807 - Combustion

Emission Source/Control: S3808 - Combustion

Emission Source/Control: S3809 - Combustion

Emission Source/Control: S3810 - Combustion

Emission Source/Control: S3811 - Combustion

Emission Source/Control: S3812 - Combustion

Emission Source/Control: S3813 - Combustion

Emission Source/Control: S3814 - Combustion

Emission Source/Control: S3815 - Combustion

Emission Source/Control: S3816 - Combustion

Emission Source/Control: S3817 - Combustion

Emission Source/Control: S3818 - Combustion

Emission Source/Control: S3819 - Combustion

Emission Source/Control: S3820 - Combustion

Emission Source/Control: S3821 - Combustion

Emission Source/Control: S3822 - Combustion

Emission Source/Control: S3823 - Combustion

Emission Source/Control: S3824 - Combustion

Emission Source/Control: S3825 - Combustion

Emission Source/Control: S3826 - Combustion

Emission Source/Control: S3827 - Combustion

Emission Source/Control: S3828 - Combustion

Emission Source/Control: S3829 - Combustion

Emission Source/Control: S3830 - Combustion

Emission Source/Control: S3831 - Combustion

Emission Source/Control: S3832 - Combustion

Emission Source/Control: C104A - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C104B - Control
Control Type: FLUE GAS RECIRCULATION

Emission Source/Control: C105A - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C105B - Control

Control Type: FLUE GAS RECIRCULATION

Item 72.7(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00005
Process: P12 Source Classification Code: 1-02-006-03
Process Description:
Facility natural gas and diesel-fueled combustion sources that are subject to an applicable requriement and are installed after 06/03/2008.

Emission Source/Control: S0101 - Combustion

Item 72.8(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00006
Process: P08 Source Classification Code: 3-05-008-02
Process Description:
BATCH PREPARATION AND WET TOWER MIXING, CUTTING OF EXTRUDED GREEN CERAMIC, DRYING OF EXTRUDED CERAMIC, INCLUDING EXEMPT GAS FIRED PREHEATERS AND FINISHING. OIL MIST ELIMINATORS ARE DESIGNED TO REMOVE POTENTIAL LIQUID PARTICULATE EMISSIONS AND MINIMIZE OPACITY FROM THE DRYERS.

Emission Source/Control: C0601 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0602 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0603 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C0604 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C0606 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0608 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0609 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0610 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0611 - Control

Control Type: FABRIC FILTER

Emission Source/Control: S0601 - Process

Emission Source/Control: S0602 - Process

Emission Source/Control: S0603 - Process

Emission Source/Control: S0604 - Process

Emission Source/Control: S0606 - Process

Item 72.9(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00006
Process: P09 Source Classification Code: 3-05-008-12
Process Description:
TUNNEL KILNS 3 AND 4 AND ASSOCIATED EMISSION CONTROL DEVICES FOR FIRING CERAMIC WARE.

Emission Source/Control: C620A - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C620B - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: C620C - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C621A - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C621B - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: C621C - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: S0620 - Process

Emission Source/Control: S0621 - Process

Item 72.10(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00006
Process: P10 Source Classification Code: 1-02-006-03
Process Description:
THIS PROCESS CONSISTS OF MISCELLANEOUS EXEMPT/TRIVIAL COMBUSTION UNITS.

Emission Source/Control: S0662 - Combustion

Emission Source/Control: S0663 - Combustion

Emission Source/Control: S0664 - Combustion

Emission Source/Control: S0665 - Combustion

Emission Source/Control: S0666 - Combustion

Emission Source/Control: S0667 - Combustion

Emission Source/Control: S0668 - Combustion

Emission Source/Control: S0669 - Combustion

Emission Source/Control: S0670 - Combustion

Emission Source/Control: S0671 - Combustion

Emission Source/Control: S0672 - Combustion

Emission Source/Control: S0673 - Combustion

Emission Source/Control: S0674 - Combustion

Emission Source/Control: S0675 - Combustion

Emission Source/Control: S0676 - Combustion

Emission Source/Control: S0677 - Combustion

Emission Source/Control: S0678 - Combustion

Emission Source/Control: S0679 - Combustion

Emission Source/Control: S0680 - Combustion

Emission Source/Control: S0681 - Combustion

Emission Source/Control: S0682 - Combustion

Emission Source/Control: S0683 - Combustion

Emission Source/Control: S0684 - Combustion

Emission Source/Control: S0685 - Combustion

Emission Source/Control: S0686 - Combustion

Emission Source/Control: S0687 - Combustion

Emission Source/Control: S0688 - Combustion

Emission Source/Control: S0689 - Combustion

Emission Source/Control: S0690 - Combustion

Emission Source/Control: S0691 - Combustion

Emission Source/Control: S0692 - Combustion

Emission Source/Control: S0693 - Combustion

Emission Source/Control: S0694 - Combustion

Emission Source/Control: S0695 - Combustion

Emission Source/Control: S0696 - Combustion

Emission Source/Control: S0697 - Combustion

Emission Source/Control: S0698 - Combustion

Emission Source/Control: S0699 - Combustion

Emission Source/Control: S0700 - Combustion

Emission Source/Control: S0702 - Combustion

Emission Source/Control: S0703 - Combustion

Emission Source/Control: S0704 - Combustion

Emission Source/Control: S0630 - Process

Emission Source/Control: S0631 - Process

Emission Source/Control: S0640 - Process

Emission Source/Control: S0641 - Process

Emission Source/Control: S0642 - Process

Emission Source/Control: S0645 - Process

Emission Source/Control: S0660 - Process

Emission Source/Control: S0661 - Process

Item 72.11(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00007

Process: P11 Source Classification Code: 3-05-008-99
Process Description:
CUTTING, GRINDING, CONTOURING, SKINNING AND FINISHING

Emission Source/Control: C0701 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0701 - Process

Condition 76: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 76.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0018
Process: P02 Emission Source: C0018

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

Item 76.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Within 60 days of the startup of control equipment C0018, Corning shall determine the appropriate monitoring parameters for the control equipment and provide the Department with the information to be incorporated into the Title V permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 77: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-13

Item 77.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 3-29: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-2.5

Item 3-29.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00004

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

Item 3-29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Within 180 days after changes associated with the Title V Ren 0 Mod 3 permit, but no later than 18 months after the permit issuance, the facility shall perform VOC stack testing for Periodic Kilns (Emission Sources S0019, S0020, S0021, S0022), Tunnel Kiln No. 1 (Emission Source S0023), and the associated thermal oxidizers to demonstrate compliance with 1.3 lb/ton or 99% overall removal efficiency (whichever is more stringent) VOC LAER limits.

The facility shall submit a stack test protocol to the Department for approval at least 30 days prior to the test. Within 60 days of the completion of the tests, the facility shall provide the Department with the information on the overall VOC removal efficiency, the operating temperature of the thermal oxidizers and the control period of each firing cycle. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

Lower Permit Limit: 1.3 pounds per ton
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-30: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-11.2 (c)

Item 3-30.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 3-30.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The facility shall perform hydrogen fluoride (HF) stack testing for Tunnel Kiln No. 1 scrubber (Control Device No. C023B) while firing the 125 Hour AC product within 180 days after changes associated with the Title V Ren 0 Mod 3 permit, but no later than 18 months after the permit issuance. The facility shall submit a stack test protocol to the Department for approval at least 30 days prior to the test. Within 60 days of the completion of the tests, the facility shall provide the Department with the information on the overall HF removal efficiency and the control period of the firing cycle. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

Lower Permit Limit: 95 percent reduction
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-31: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-31.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-31.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-31.3:
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 3-31.4:
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 3-31.5:
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 3-31.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 3-31.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
HF emissions from Emission Unit U00006 Tunnel Kiln 4 (Emission Source S0621) shall achieve at least 95% overall control when fluorine content of raw material exceeds 0.00002 lb F/lb ware to be consistent with the modeling inputs.

The HF control periods of firing cycles are documented in Corning Incorporated Diesel Manufacturing Facility Control Period Matrix. Corning shall operate the HF scrubbers in accordance with the HF control period for each firing cycles as specified in this document. The control periods may be altered based on new stack test information. Changes involving the addition of new firing cycles or changes that affect the control periods for existing firing cycles will have new or revised control periods established in advance. The following records shall be maintained on site for five years and made available to the Department upon request:

(1) Documentation of each control period determination

(2) Documentation that the appropriate control period has been used for each firing

(3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-32: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-32.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-32.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-32.3:
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 3-32.4:
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 3-32.5:
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 3-32.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006

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

Item 3-32.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Within 180 days of the issuance of this permit, the facility shall perform stack testing for Emission Source/Control Device S0602/C0602 to demonstrate compliance with the particulate emission limit of 0.001 grain/dscf. The facility shall submit a stack test protocol to the Department for approval at least 30 days prior to the test. Test report shall be submitted within 60 days of the completion of the test. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

Upper Permit Limit: 0.001 grains per dscf
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-33: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-33.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-33.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-33.3:
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 3-33.4:
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 3-33.5:
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 3-33.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 3-33.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Corning shall operate and maintain the dry HF scrubbers (Emission Controls C620B and C621B) consistent with good engineering practice, and in accordance with manufacturer's recommendations. An adequate amount of limestone shall be maintained in the limestone hopper, storage bin, and the scrubber at all times. Corning shall maintain limestone above the level of the cascade section of the scrubber to ensure performance that is consistent with that demonstrated during the performance test. If a low level alarm is detected in the silo, Corning shall procure additional limestone in a timeframe that assures that sufficient scrubbing media is available to maintain the level above the cascades. The limestone feeder setting shall be maintained

at or above the level established during the performance test. The grade of the limestone used shall be the same as was used during the performance test. Corning shall keep records of the grade of limestone, limestone feeder setting, any low level alarms and equipment maintenance. Records shall be maintained on site for five years and made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-34: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-34.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-34.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-34.3:
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 3-34.4:
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 3-34.5:
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 3-34.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 3-34.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The facility shall perform hydrogen fluoride (HF) stack testing for Tunnel Kilns No. 3 and No. 4 and the associated dry scrubbers within 180 days after changes associated with the Title V Ren 0 Mod 3 permit, but no later than 18 months after the permit issuance. The facility shall submit a stack test protocol to the Department for approval at least 30 days prior to the test. Within 60 days of the completion of the tests, the facility shall provide the Department with the information on the overall HF removal efficiency and the control period of each firing cycle. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

Lower Permit Limit: 95 percent reduction
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-35: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-35.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-6

Item 3-35.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-35.3:
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 3-35.4:
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 3-35.5:
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 3-35.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006

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

Item 3-35.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The facility shall perform VOC stack testing for Tunnel Kiln No. 4 (Emission Source S0621) and the associated thermal oxidizers within 180 days after changes associated with the Title V Ren 0 Mod 3 permit, but no later than 18 months after the permit issuance. The facility shall submit a stack test protocol to the Department for approval at least 30 days prior to the test. Within 60 days of the completion of the tests, the facility shall provide the Department with the information on the overall VOC removal efficiency, the operating temperature of the thermal oxidizers and the control period of each firing cycle. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

Lower Permit Limit: 99.9 percent reduction
Reference Test Method: 40CFR60 Appendix A Methods
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 90: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 90.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006

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

Item 90.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Within 60 days of the startup of control equipment C0601 and C0602, Corning shall determine the appropriate monitoring parameters for the control equipment and provide the Department with the information to be incorporated into the Title V permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 91: Compliance Certification
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 91.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006
Process: P09

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

Item 91.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
VOC emissions from Tunnel Kilns No.3 and No.4 (Emission Sources S0620

and S0621) shall be controlled through a combination of kiln burners and the use of a thermal oxidizer during the burnout period of each firing cycle. The burnout period refers to an early period of a firing cycle during which VOC is released from the ceramic wares. An overall VOC reduction of 81% shall be achieved through the combination of kiln burners and the thermal oxidizer to maintain compliance with Part 212.10(c)(4)(i).

The facility shall perform stack tests for the kilns and the associated thermal oxidizers within 60 days after the startup of the sources. The facility shall submit a stack test protocol to the Department for approval at least 60 days prior to the test. Within 60 days of the completion of the tests, the facility shall provide the Department with the information on the overall VOC removal efficiency, the operating temperature of the thermal oxidizer and the burnout period of each firing cycle. The Department may grant an extension of the above-mentioned timeframe if a request, in writing, is received and approved by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 3-36: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-11.2 (c)

Item 3-36.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006
Process: P09 Emission Source: S0620

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

Item 3-36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
VOC emissions from Tunnel Kiln 3 (Emission Source S0620) shall be limited as follows:

1. VOC emissions shall be controlled from the kiln through a combination of kiln burners and the use of a thermal oxidizer during

the burnout period of each firing cycle. The burnout period refers to an early period of a firing cycle during which VOC is release from the ceramic wares. The burnout period of each firing cycle shall be determined using existing stack test data, engineering analysis, and new stack test data if necessary.

2. VOC emissions from the tunnel kilns shall not exceed 1.3 lbs VOC / ton ceramic ware, or the overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer shall be 99% or greater, whichever is more stringent.

3. The overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer is calculated as follows:

Overall VOC Removal Efficiency = (Available VOC into Kiln - Total VOC Emissions) / Available VOC into Kiln

Available VOC into Kiln = the total mass of ceramic fired x % weight VOC of ceramic fired - VOC released by dryer

Total VOC Emissions = total outlet VOC emissions including both the controlled period and the post controlled period

The VOC control periods of firing cycles are documented in Corning Incorporated Diesel Manufacturing Facility Control Period Matrix. Corning shall operate the thermal oxidizers in accordance with the VOC control period for each firing cycles as specified in this document. The control periods may be altered based on new stack test information. Changes involving the addition of new firing cycles or changes that affect the control periods for existing firing cycles will have new or revised control periods established in advance. The following records shall be maintained on site for five years and made available to the Department upon request:

(1) Documentation of each control period determination

(2) Documentation that the appropriate control period has been used for each firing

(3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

This condition supersedes the Part 212.10 VOC RACT control requirements for this source.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 3-37: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3-37.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-6

Item 3-37.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-37.3:
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 3-37.4:
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 3-37.5:
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 3-37.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00006
Process: P09 Emission Source: S0621

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

Item 3-37.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to remain below the significant project threshold of 6NYCRR Part 231-6, VOC emissions from Tunnel Kiln 4 (Emission Source S0621)

shall be limited as follows:

1. VOC emissions shall be controlled from the kiln through a combination of kiln burners and the use of a thermal oxidizer during the burnout period of each firing cycle. The burnout period refers to an early period of a firing cycle during which VOC is release from the ceramic wares. The burnout period of each firing cycle shall be determined using existing stack test data, engineering analysis, and new stack test data if necessary.

2. VOC emissions from the tunnel kilns shall not exceed 1.3 lbs VOC / ton ceramic ware, or the overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer shall be 99.9% or greater, whichever is more stringent.

3. The overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer is calculated as follows:

Overall VOC Removal Efficiency = (Available VOC into Kiln - Total VOC Emissions) / Available VOC into Kiln

Available VOC into Kiln = the total mass of ceramic fired x % weight VOC of ceramic fired - VOC released by dryer

Total VOC Emissions = total outlet VOC emissions including both the controlled period and the post controlled period

The VOC control periods of firing cycles are documented in Corning Incorporated Diesel Manufacturing Facility Control Period Matrix. Corning shall operate the thermal oxidizers in accordance with the VOC control period for each firing cycles as specified in this document. The control periods may be altered based on new stack test information. Changes involving the addition of new firing cycles or changes that affect the control periods for existing firing cycles will have new or revised control periods established in advance. The following records shall be maintained on site for five years and made available to the Department upon request:

(1) Documentation of each control period determination

(2) Documentation that the appropriate control period has been used for each firing

(3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

This condition supersedes the Part 212.10 VOC RACT control requirements for this source.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

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

Condition 3-38: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-7.1

Replaces Condition(s) 1-64

Item 3-38.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 3-38.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-38.3:
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 3-38.4:
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 3-38.5:
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 3-38.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY075-00-5	PM-10
CAS No: 0NY075-02-5	PM 2.5
CAS No: 0NY075-00-0	PARTICULATES

Item 3-38.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to cap out of applicability to 6NYCRR Part 231-8, Emission Unit U-00007 will maintain actual PM 2.5, PM 10 and Total PM emissions below the Significant Project Thresholds of 10, 15 and 25 tons per year, respectively, as defined in 6NYCRR Part 231-13.6 Table 6. The facility must maintain emission calculations for this process on a 12-month rolling basis to ensure that the process' actual emissions are less than the process-specific emission cap.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-63: Capping Monitoring Condition
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 1-63.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 1-63.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 1-63.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 1-63.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-63.5:

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

Item 1-63.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY075-00-5	PM-10
CAS No: 0NY075-02-5	PM 2.5
CAS No: 0NY075-00-0	PARTICULATES

Item 1-63.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to cap out of applicability to 6NYCRR Part 231-8, each process in this emission unit will maintain actual PM 2.5, PM 10 and Total PM emissions below the Significant Project Thresholds of 10, 15 and 25 tons per year, respectively, as defined in 6NYCRR Part 231-13.6 Table 6. The facility must maintain emission calculations for each process in this emission unit on a 12-month rolling basis to ensure that each process' actual emissions are less than the process-specific emission cap. Each process in this emission unit is a separate and distinct project for NSR applicability determinations.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 1-64: Capping Monitoring Condition
Effective between the dates of 06/04/2013 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 3-38

Item 1-64.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-8

Item 1-64.2:

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

Item 1-64.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 1-64.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-64.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-64.6:
The Compliance Certification activity will be performed for:

Emission Unit: U-00007
Process: P11

Regulated Contaminant(s):

CAS No: 0NY075-00-5	PM-10
CAS No: 0NY075-02-5	PM 2.5
CAS No: 0NY075-00-0	PARTICULATES

Item 1-64.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In order to cap out of applicability to 6NYCRR Part 231-8, process P11 will maintain actual PM 2.5, PM 10 and Total PM emissions below the Significant Project Thresholds of 10, 15 and 25 tons per year, respectively, as defined in 6NYCRR Part 231-13.6 Table 6. The facility must maintain emission calculations for this process on a 12-month rolling basis to ensure that the process' actual emissions are less than the process-specific emission cap.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.
Subsequent reports are due every 6 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: **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.

Item B: **Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;
(3) During the period of the emergency the facility owner 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 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 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.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 98: Contaminant List
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 98.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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

CAS No: 007647-01-0
Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3
Name: HYDROGEN FLUORIDE

CAS No: 010102-44-0
Name: NITROGEN DIOXIDE

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

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

CAS No: 0NY075-02-5
Name: PM 2.5

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

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

Condition 3-39: Requirement to Commence Construction
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 201-1.15

Item 3-39.1:
The Department may suspend, modify or revoke the permit, pursuant to 6 NYCRR Part 621, if construction has not commenced within 18 months of the date of permit issuance, or construction has been discontinued for a period of more than 18 months at any point after the date of permit issuance.

The Department may grant the facility owner or operator an extension of up to 18 months upon a showing of good cause submitted in writing.

Condition 103: Compliance Demonstration
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable State Requirement:

Expired by Mod 3

Item 103.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00004

Emission Unit: U-00004
Process: P05 Emission Source: S0019

Emission Unit: U-00004
Process: P05 Emission Source: S0020

Emission Unit: U-00004
Process: P05 Emission Source: S0021

Emission Unit: U-00004
Process: P05 Emission Source: S0022

Emission Unit: U-00004
Process: P05 Emission Source: S0023

Emission Unit: U-00004
Process: P05 Emission Source: S0024

Emission Unit: U-00006

Emission Unit: U-00006
Process: P09 Emission Source: S0620

Emission Unit: U-00006
Process: P09 Emission Source: S0621

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 103.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Corning has demonstrated that the ambient impact of the hydrogen fluoride (HF) emissions from the facility does not exceed the Part 257-8 ambient fluoride standard, based on a dispersion model submitted to the Department in December 2008. The dispersion model accounted for maximum facility-wide HF emissions given currently known operating conditions. In the event that source operating conditions change in a manner that will produce 12-hour HF emissions that are greater than those represented in the December 2008 model, Corning shall update the dispersion model to demonstrate that the new HF emission scenario continues to be in compliance with the part 257-8 fluoride standard. Corning will maintain records of all revised dispersion modeling results on-site, and make the results available for the Department's inspection upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

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

Condition 105: Compliance Demonstration
Effective between the dates of 10/18/2010 and Permit Expiration Date

Applicable State Requirement:

Expired by Mod 3

Item 105.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00006

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 105.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility shall operate and maintain the dry HF scrubbers (Emission Controls C620B and C621B) consistent with good engineering practice, and in accordance with manufacturer's recommendations. An adequate amount of limestone shall be maintained in the limestone hopper, storage bin, and the scrubber at all times. The level of scrubbing media shall be immediately increased should a low level alarm be triggered. The limestone feeder setting shall be maintained at or above the level established during the performance test. The grade of the limestone used shall be the same as was used during the performance test. The facility shall keep records of the grade of limestone, limestone feeder setting, any low level alarms and equipment maintenance. Records shall be maintained on site for five years and made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).