PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-4642-00009/00109
Mod 0 Effective Date: 08/08/2006 Expiration Date: 08/07/2011

Mod 1 Effective Date: Expiration Date:

Permit Issued To:CORNING INC
HP-ME-02-50
CORNING, NY 14831

Contact: MICHAEL FORD
CORNING INC
HP-ME-01-031
CORNING, NY 14831
(607) 974-4279

Facility: ERWIN MANUFACTURING COMPLEX
ADDISON - SOUTH HAMILTON RD
ERWIN, NY 14870

Contact: RONALD R RESUE
CORNING INC - ERWIN MANUFACTURING COMPLEX
ADDISON - SOUTH HAMILTON ROAD
PAINTED POST, NY 14870
(607) 974-1488

Description:
Minor modification of the Facility Title V Permit renewed August 8, 2006 (Ren 1 Mod 1), for production of ceramic filter substrates for gasoline and diesel engine emission control devices. The Corning Erwin Manufacturing Complex meets the definition of a Major Source in 6 NYCRR Part 201-2.1(b)(21), and is subject to Part 201-6 requirements for a Title V Facility Permit due to potential emissions of Particulates, PM-10, CO, and NOx in excess of 100 tons per year each, and VOC in excess of 50 tons per year.

Emission Units include:
- U-00001, venting capped Cook and Light Duty Diesel ceramic filter production line processes with emission limits unchanged from the initial Title V Permit (Mod 0).
- U-00002, venting uncapped Cook and Light Duty Diesel ceramic filter production operations, including older automotive ceramic production operations previously in EU U-00004; and
- U-00005, venting exempt research and development operations, and non-exempt small scale pilot and production operations.

Mod 1 changes include:

- Additional equipment for expanded U-00002 diesel ceramic filter production,
- Addition of control equipment and associated vents to existing material storage bins,
- Addition of trivial and exempt sources to existing processes,
- Removal from the Title V Permit of contained storage bins no longer vented to outside air,
- Removal from the Title V Permit of equipment removed from the facility,
- Removal from the Title V Permit of Trivial sources as defined in Part 201-3.3,
- Replacement of process equipment with new equipment, and
- Relocation of equipment for use in different processes.

Potential emissions from the facility after these changes will be 253.5 tons per year of total particulates, a 76.6 ton increase, 87.2 tons per year of NO_X, a 26.2 ton decrease, and 153.9 tons per year of CO, a 0.9 ton decrease.

Mod 1 retains:

- A facility-wide HAP cap based on operational restrictions limiting emissions of hydrogen chloride to 9.9 tons per year, and total emissions of all HAP combined to 24.9 tons per year, below the 40 CFR Part 63 MACT applicability thresholds of 10 tons per year for any individual HAP and 25 tons per year for all HAP combined, and
- A Compliance Assurance Monitoring (CAM) Plan, in accordance with 40 CFR Part 64 requirements.

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

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

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

LIST OF CONDITIONS

DEC GENERAL CONDITIONS
General Provisions
Facility Inspection by the Department
Relationship of this Permit to Other Department Orders and Determinations
Applications for permit renewals, modifications and transfers
Permit modifications, suspensions or revocations by the Department
Facility Level
Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS

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 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 1-1.1:
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 1-1.2:
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 1-1.3:
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 1-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 1-2.1:
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 1-3: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 1-3.1:
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
(716) 226-2466

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:CORNING INC
HP-ME-02-50
CORNING, NY 14831

Facility: ERWIN MANUFACTURING COMPLEX
ADDISON - SOUTH HAMILTON RD
ERWIN, NY 14870

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

Permit Effective Date: Permit Expiration Date:

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Permit modifications, suspensions or revocations by the Department
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Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level
1-1 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
23 6NYCRR 201-6: Emission Unit Definition
25 6NYCRR 201-7.2: Facility Permissible Emissions
1-2 40CFR 64: Compliance Certification
29 40CFR 64: Compliance Certification
Emission Unit Level
30 6NYCRR 201-6: Emission Point Definition By Emission Unit
31 6NYCRR 201-6: Process Definition By Emission Unit

EU=U-00001
1-3 6NYCRR 212.6(a): Compliance Certification
33 6NYCRR 212.6(a): Compliance Certification
1-4 6NYCRR 212.6(a): Compliance Certification
34 6NYCRR 212.6(a): Compliance Certification

EU=U-00001,Proc=CAP,ES=S1530
1-5 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,Proc=CK1,ES=S1530
42 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E0002,Proc=CAP,ES=C0002
1-6 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E0002,Proc=EC2,ES=C0002
44 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E0003,Proc=CAP,ES=C0003
1-7 6NYCRR 212.10(c)(4)(i): Compliance Certification
1-8 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E0003,Proc=EC2,ES=C0003
45 6NYCRR 212.10(c)(4)(i): Compliance Certification

46 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E0004

47 6NYCRR 212.10(f): RACT

EU=U-00001,EP=E0005

48 6NYCRR 212.10(f): RACT

EU=U-00001,EP=E1541,Proc=CAP,ES=C0001
1-9 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E1541,Proc=CK1,ES=C0001
51 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E1545,Proc=CAP,ES=C1545
1-10 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E1545,Proc=CK1,ES=C1545
52 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E1547,Proc=CK1,ES=S1547
53 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E157A,Proc=CAP,ES=C157A
1-11 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E157A,Proc=CK1,ES=C157A
54 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E157B,Proc=CAP,ES=C157B
1-12 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E157B,Proc=CK1,ES=C157B
55 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E157C,Proc=CAP,ES=C157C
1-13 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E157C,Proc=CK1,ES=C157C
56 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00001,EP=E1593,Proc=CAP,ES=C1593
1-14 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E1593,Proc=CK1,ES=C1593
57 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E1613,Proc=CAP,ES=C0099
1-15 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E1613,Proc=EC2,ES=C0099

58 6NYCRR 212.4(c): Compliance Certification

EU=U-00001,EP=E2010

1-16 6NYCRR 212.10(f): RACT

EU=U-00001,EP=E2011

1-17 6NYCRR 212.10(f): RACT

EU=U-00001,EP=E2020

1-18 6NYCRR 212.10(f): RACT

EU=U-00001,EP=E2021

1-19 6NYCRR 212.10(f): RACT

EU=U-00001,EP=E2030

1-20 6NYCRR 212.10(f): RACT

EU=U-00001,EP=E4000,Proc=CK1

59 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00001,EP=E5000,Proc=CK1

60 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00001,EP=E6000,Proc=CK1

61 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00002

1-21 6NYCRR 212.6(a): Compliance Certification
63 6NYCRR 212.6(a): Compliance Certification

EU=U-00002,EP=E0014,Proc=D01,ES=C0014

64 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E0014,Proc=OTH,ES=C0014

1-22 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E0015,Proc=D01,ES=C0015

65 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E0015,Proc=OTH,ES=C0015

1-23 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E1546,Proc=OTH,ES=C0009

1-24 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E1595,Proc=D01,ES=S1595

66 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00002,EP=E1595,Proc=OTH,ES=S1595

1-25 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00002,EP=E1601,Proc=D01

67 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00002,EP=E1601,Proc=OTH,ES=S1601

1-26 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00002,EP=E1602,Proc=D01

68 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00002,EP=E1602,Proc=OTH,ES=S1602

1-27 6NYCRR 212.10(c)(1): RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

EU=U-00002,EP=E1608,Proc=OTH,ES=C0012

1-28 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E1610,Proc=D01,ES=C0013

69 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E1610,Proc=OTH,ES=C0013

1-29 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E1614,Proc=D01,ES=C1614

70 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E1614,Proc=OTH,ES=C1614

1-30 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E2000,Proc=OTH,ES=C2000

1-31 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E2040,Proc=OTH,ES=C2040

1-32 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E2050,Proc=OTH,ES=C2050

1-33 6NYCRR 212.4(c): Compliance Certification

EU=U-00002,EP=E2060,Proc=OTH,ES=S2060

1-34 6NYCRR 212.10(f): RACT

EU=U-00004

71 6NYCRR 212.4(c): Compliance Certification

72 6NYCRR 212.6(a): Compliance Certification

EU=U-00004,EP=E1546,Proc=CL1,ES=C0009
73 6NYCRR 212.4(c): Compliance Certification

EU=U-00004,EP=E1608,Proc=CL1,ES=C0012
74 6NYCRR 212.4(c): Compliance Certification

EU=U-00005
1-35 6NYCRR 212.6(a): Compliance Certification
76 6NYCRR 212.6(a): Compliance Certification
1-36 6NYCRR 212.10(c)(4)(i): Compliance Certification
77 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-00005,EP=E1604,Proc=CS1,ES=C0011
1-37 6NYCRR 212.4(c): Compliance Certification
78 6NYCRR 212.4(c): Compliance Certification

EU=U-00005,EP=E1650,Proc=CS1,ES=C1650
1-38 6NYCRR 212.4(c): Compliance Certification
79 6NYCRR 212.4(c): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level
81 ECL 19-0301: Contaminant List
Emission Unit Level

EU=U-00001,Proc=CAP
1-39 6NYCRR 212.4(a): Compliance Demonstration

EU=U-00001,Proc=CAP,ES=S1530
1-40 6NYCRR 212.4(a): Compliance Demonstration

EU=U-00001,Proc=CK1
86 6NYCRR 212.4(a): Compliance Demonstration

EU=U-00001,Proc=CK1,ES=S1530
87 6NYCRR 212.4(a): Compliance Demonstration

EU=U-00004
89 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications

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: Emergency Defense - 6NYCRR Part 201-1.5

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 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 6NYCRR 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 Part 201-6.3(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 Part 201-6.3(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 Part 201-6.5(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 Part 201-6.5(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 - 6NYCRR Part 201-6.5(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 Part 201-6.5(a)(6)**

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

Item I: **Severability - 6 NYCRR Part 201-6.5(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 Part 201-6.5(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 Part 201-6.5(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 ONLY IF APPLICABLE

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 1-1: Prohibition of Reintroduction of Collected Contaminants to the air
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-1.8

Replaces Condition(s) 12

Item 1-1.1:
No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-1.8

Replaced by Condition(s) 1-1

Item 12.1:
No person shall remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

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 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 23.1(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00001
Emission Unit Description:
THIS UNIT ADDRESSES THE COOK AND LIGHT DUTY DIESEL CERAMIC FILTER PRODUCTION OPERATIONS.

Building(s): 1A

Item 23.2(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00002
Emission Unit Description:
THIS EMISSION UNIT ADDRESSES THE COOK AND LIGHT DUTY DIESEL CERAMIC FILTER PRODUCTION OPERATIONS.

Building(s): 1A
1A, 1B
1B

Item 23.3(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00005
Emission Unit Description:
THIS EMISSION UNIT INCLUDES THE SAMPLES DEVELOPMENT ORGANIZATION OPERATIONS, INCLUDING R&D (EXEMPT) AND SMALL SCALE PILOT AND PRODUCTION OPERATIONS.

Building(s): 1A

Item 23.4(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00004 End Date: 03/21/2008
Emission Unit Description:
THIS UNIT ADDRESSES COOK LINE CERAMIC FILTER PRODUCTION LINES NOT INCLUDED IN THE U00001 EMISSIONS CAP.

Building(s): 1A

Condition 25: Facility Permissible Emissions
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 25.1:

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: 007647-01-0 (From Mod 1) PTE: 19,800 pounds per year
Name: HYDROGEN CHLORIDE

CAS No: 0NY100-00-0 (From Mod 1) PTE: 49,800 pounds per year
Name: HAP

Condition 1-2: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 64

Replaces Condition(s) 29

Item 1-2.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 1-2.2:
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

S1610/C0013
S1610/C0014
S1610/C0015
S1614/C1614

S1604/C0011

SCM01/C1650
SCM04/C1650

S1608/C0012
S1546/C0009
S2000/C2000
S2040/C2040
S2050/C2050

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 observed by plant employee.
2. Pressure drop across each control device measured with a pressure differential gauge.
3. Routine inspection and maintenance of control devices completed by plant employee.

Indicater Range:
1. An average opacity of less than 20% (6-minute average).

2. The pressure drop ranges for the affected control devices are specified in Table 2-1 of the CAM plan and 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 operating. Agency reserves the right to request or conduct Method 9 evaluation.
2. Pressure drop across each control device is monitored 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.
2. The pressure gauges are calibrated consistent with manufacturer's recommendations.
3. Qualified personnel perform inspections and maintenance.

Excursions:
Excursions are visible emissions with opactiy above normal but less than 20% (6-minute average) 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).

Condition 29: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:40CFR 64

Replaced by Condition(s) 1-2

Item 29.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 29.2:
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

S1610/C0013
S1610/C0014
S1610/C0015
S1614/C1614

S1604/C0011

SCM01/C1650

SCM04/C1650

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 observed by plant employee.
2. Pressure drop across each control device measured with a pressure differential gauge.
3. Routine inspection and maintenance of control devices completed by plant employee.

Indicater Range:
1. An average opacity of less than 20% (6-minute average).

2. The pressure drop ranges for the affected control devices are specified in Table 2-1 of the CAM plan and 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 operating. Agency reserves the right to request or conduct Method 9 evaluation.
2. Pressure drop across each control device is monitored 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.
2. The pressure gauges are calibrated consistent with manufacturer's recommendations.
3. Qualified personnel perform inspections and maintenance.

Excursions:
Excursions are visible emissions with opactiy above normal but less than 20% (6-minute average) 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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

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

Condition 30: Emission Point Definition By Emission Unit
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 30.1(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00001

Emission Point: E0001
Height (ft.): 40 Diameter (in.): 36
Building: 1A

Emission Point: E0002
Height (ft.): 31 Diameter (in.): 36
Building: 1A

Emission Point: E0003
Height (ft.): 35 Diameter (in.): 36
Building: 1A

Emission Point: E0005
Height (ft.): 40 Diameter (in.): 36
Building: 1A

Emission Point: E0006
Height (ft.): 40 Diameter (in.): 36
Building: 1A

Emission Point: E0007
Height (ft.): 40 Diameter (in.): 36
Building: 1A

Emission Point: E1530
Height (ft.): 40 Length (in.): 72 Width (in.): 83
Building: 1A

Emission Point: E1541
Height (ft.): 62 Diameter (in.): 7
Building: 1A

Emission Point: E1545
Height (ft.): 20 Diameter (in.): 18
Building: 1A

Emission Point: E157A
Height (ft.): 45 Diameter (in.): 48
Building: 1A

Emission Point: E157B
Height (ft.): 65 Diameter (in.): 46
Building: 1A

Emission Point: E157C
Height (ft.): 45 Diameter (in.): 48
Building: 1A

Emission Point: E1593
Height (ft.): 10 Diameter (in.): 40
Building: 1A

Emission Point: E1613
Height (ft.): 10 Diameter (in.): 28
Building: 1A

Emission Point: E1616
Height (ft.): 50 Diameter (in.): 48
Building: 1A

Emission Point: E1618
Height (ft.): 50 Diameter (in.): 48
Building: 1A

Emission Point: E2010
Height (ft.): 33 Diameter (in.): 12
Building: 1A

Emission Point: E2011
Height (ft.): 33 Diameter (in.): 12
Building: 1A

Emission Point: E2020
Height (ft.): 33 Diameter (in.): 12
Building: 1A

Emission Point: E2021
Height (ft.): 33 Diameter (in.): 12
Building: 1A

Emission Point: E2030
Height (ft.): 33 Diameter (in.): 12
Building: 1A

Item 30.2(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00002

Emission Point: E0014
Height (ft.): 37 Diameter (in.): 40
Building: 1B

Emission Point: E0015
Height (ft.): 33 Diameter (in.): 10
Building: 1B

Emission Point: E1546
Height (ft.): 20 Diameter (in.): 18
Building: 1A

Emission Point: E1595
Height (ft.): 75 Diameter (in.): 48
Building: 1A

Emission Point: E1601
Height (ft.): 40 Diameter (in.): 36
Building: 1B

Emission Point: E1602
Height (ft.): 40 Diameter (in.): 36
Building: 1B

Emission Point: E1608
Height (ft.): 21 Diameter (in.): 10
Building: 1A

Emission Point: E1610
Height (ft.): 35 Diameter (in.): 27
Building: 1B

Emission Point: E1614
Height (ft.): 18 Diameter (in.): 24
Building: 1B

Emission Point: E2000
Height (ft.): 33 Diameter (in.): 5

Emission Point: E2040
Height (ft.): 37 Diameter (in.): 40

Emission Point: E2050
Height (ft.): 33 Diameter (in.): 5

Emission Point: E2060
Height (ft.): 33 Diameter (in.): 8

Emission Point: E2061
Height (ft.): 33 Diameter (in.): 8

Item 30.3(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00005

Emission Point: E1517
Height (ft.): 37 Diameter (in.): 21
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Emission Point: E1583
Height (ft.): 37 Diameter (in.): 21
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Emission Point: E1604
Height (ft.): 42 Diameter (in.): 28
Building: 1A

Emission Point: E1612

Height (ft.): 35 Diameter (in.): 16
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Emission Point: E1650
Height (ft.): 35 Diameter (in.): 18
Building: 1A

Emission Point: E1651
Height (ft.): 35 Diameter (in.): 18
Building: 1A

Emission Point: E1652
Height (ft.): 35 Diameter (in.): 24
Building: 1A

Emission Point: E1653
Height (ft.): 35 Diameter (in.): 18
Building: 1A

Emission Point: E1654
Height (ft.): 35 Diameter (in.): 18
Building: 1A

Emission Point: E1655
Height (ft.): 35 Diameter (in.): 18
Building: 1A

Emission Point: E1656
Height (ft.): 40 Diameter (in.): 32
Building: 1A

Emission Point: E1657
Height (ft.): 33 Diameter (in.): 4
Building: 1A

Emission Point: E1658 Removal Date: 03/21/2008
Height (ft.): 5 Diameter (in.): 10
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Item 30.4(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00001

Emission Point: E0004 Removal Date: 03/21/2008
Height (ft.): 40 Diameter (in.): 36
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Emission Point: E1547 Removal Date: 03/21/2008
Height (ft.): 30 Diameter (in.): 18
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Emission Point: E4000 Removal Date: 03/21/2008

Height (ft.): 36 Diameter (in.): 12
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Emission Point: E5000 Removal Date: 03/21/2008
Height (ft.): 36 Diameter (in.): 12
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Emission Point: E6000 Removal Date: 03/21/2008
Height (ft.): 36 Diameter (in.): 12
NYTMN (km.): 4664.84 NYTME (km.): 322.757 Building: 1A

Condition 31: Process Definition By Emission Unit
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 31.1(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: CAP Source Classification Code: 3-05-008-99
Process Description:
CAPPED EQUIPMENT - CERAMIC FILTER
PRODUCTION LINES USING A VARIETY OF CERAMIC
RAW MATERIAL COMPOSITIONS.

Emission Source/Control: C0001 - Control
Control Type: FABRIC FILTER

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

Emission Source/Control: C0003 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C0099 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1545 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C157A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C157B - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C157C - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C1593 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1616 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: C1618 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: C2010 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C2011 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C2020 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C2021 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C2030 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: CECP1 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: S0001 - Process

Emission Source/Control: S0002 - Process

Emission Source/Control: S0003 - Process

Emission Source/Control: S0005 - Process

Emission Source/Control: S0006 - Process

Emission Source/Control: S0007 - Process

Emission Source/Control: S1530 - Process

Emission Source/Control: S1541 - Process

Emission Source/Control: S1545 - Process

Emission Source/Control: S1593 - Process

Emission Source/Control: S1613 - Process

Emission Source/Control: S2010 - Process

Emission Source/Control: S2020 - Process

Emission Source/Control: S2030 - Process

Emission Source/Control: S2031 - Process

Item 31.2(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00002
Process: OTH Source Classification Code: 3-05-008-99
Process Description:
THIS PROCESS INVOLVES CERAMIC FILTER PRODUCTION AND FINISHING LINES USING A VARIETY OF CERAMIC RAW MATERIAL COMPOSITIONS. EMISSIONS FROM THIS PROCESS EQUIPMENT ARE NOT INCLUDED IN CAPS.

Emission Source/Control: C0009 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0012 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0013 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0014 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0015 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0046 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1601 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1614 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2000 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2040 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2050 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S1546 - Process

Emission Source/Control: S1595 - Process

Emission Source/Control: S1601 - Process

Emission Source/Control: S1602 - Process

Emission Source/Control: S1608 - Process

Emission Source/Control: S1610 - Process

Emission Source/Control: S1614 - Process

Emission Source/Control: S2000 - Process

Emission Source/Control: S2040 - Process

Emission Source/Control: S2050 - Process

Emission Source/Control: S2060 - Process

Item 31.3(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00005
Process: CS1 Source Classification Code: 3-05-008-99
Process Description:
THIS PROCESS INCLUDES THE USE OF CERAMIC FILTER DEVELOPMENT EQUIPMENT FOR PRODUCTION.

Emission Source/Control: C0011 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1650 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1652 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: S1604 - Process

Emission Source/Control: SCM01 - Process

Emission Source/Control: SCM02 - Process

Emission Source/Control: SCM03 - Process

Emission Source/Control: SCM04 - Process

Item 31.4(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00005
Process: CS2 Source Classification Code: 3-05-008-99
Process Description: THIS PROCESS INCLUDES EQUIPMENT USED FOR R&D.

Emission Source/Control: C0011 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1650 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1652 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1653 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1654 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1655 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1656 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C1658 - Control Removal Date: 03/21/2008
Control Type: FABRIC FILTER

Emission Source/Control: S1604 - Process

Emission Source/Control: S1612 - Process

Emission Source/Control: SCM01 - Process

Emission Source/Control: SCM02 - Process

Emission Source/Control: SCM03 - Process

Emission Source/Control: SCM04 - Process

Emission Source/Control: SCM05 - Process

Emission Source/Control: SCM06 - Process

Emission Source/Control: SCM07 - Process

Emission Source/Control: SCM08 - Process

Emission Source/Control: SCM09 - Process

Emission Source/Control: SCM10 - Process Removal Date: 03/21/2008

Item 31.5(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: CK1 Source Classification Code: 3-05-008-99
Process End Date: 3/21/2008
Process Description:

COOK CERAMIC FILTER PRODUCTION LINE USING
A VARIETY OF CERAMIC RAW MATERIAL
COMPOSITIONS.

Emission Source/Control: C0001 - Control
Control Type: FABRIC FILTER

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

Emission Source/Control: C1545 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1547 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C157A - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C157B - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C157C - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C1593 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1616 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: C1618 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: C4000 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C5000 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: C6000 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: S1530 - Process

Emission Source/Control: S1541 - Process

Emission Source/Control: S1545 - Process

Emission Source/Control: S1547 - Process

Emission Source/Control: S1567 - Process

Emission Source/Control: S1593 - Process

Emission Source/Control: S4000 - Process

Emission Source/Control: S5000 - Process

Emission Source/Control: S6000 - Process

Item 31.6(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: EC2 Source Classification Code: 3-05-008-99
Process End Date: 3/21/2008
Process Description:
LIGHT DUTY DIESELCERAMIC FILTER PRODUCTION LINE USING A VARIETY OF CERAMIC RAW MATERIAL COMPOSITIONS.

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

Emission Source/Control: C0003 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: C0099 - Control
Control Type: FABRIC FILTER

Emission Source/Control: CECP1 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: S0001 - Process

Emission Source/Control: S0002 - Process

Emission Source/Control: S0003 - Process

Emission Source/Control: S0004 - Process

Emission Source/Control: S0005 - Process

Emission Source/Control: S0006 - Process

Emission Source/Control: S0007 - Process

Emission Source/Control: S1613 - Process

Item 31.7(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00002
Process: D01 Source Classification Code: 3-05-008-99
Process End Date: 3/21/2008

Process Description:
THIS PROCESS INVOLVES THE CUTTING, CONTOURING, DRYING, FIRING AND REUSE OF GROUND CERAMICS FOR THE DIESEL CERAMIC FILTER PRODUCTION.

Emission Source/Control: C0013 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0014 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0015 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0046 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1601 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: C1614 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S1595 - Process

Emission Source/Control: S1601 - Process

Emission Source/Control: S1602 - Process

Emission Source/Control: S1610 - Process

Emission Source/Control: S1614 - Process

Item 31.8(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00004
Process: CL1 Source Classification Code: 3-05-008-02
Process End Date: 3/21/2008
Process Description:
THIS PROCESS INCLUDES SOURCES ASSOCIATED WITH THE COOK LINE FINISHING AND MATERIAL REUSE AS WELL AS AN ASSOCIATED HOUSEKEEPING VACUUM SYSTEM.

Emission Source/Control: C0009 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0012 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S1546 - Process

Emission Source/Control: S1608 - Process

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

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaces Condition(s) 33

Item 1-3.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 1-3.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The dryer emission control devices (C2010, C2011, C2020, C2021, C2030, CECP1) 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 an 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: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaced by Condition(s) 1-3

Item 33.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 33.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The dryer emission control devices (C4000, C5000, C6000, and CECP1) 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 an 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: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-4: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaces Condition(s) 34

Item 1-4.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 1-4.2:
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.
Subsequent reports are due every 6 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaced by Condition(s) 1-4

Item 34.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 34.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation 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 semi-annually 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 and in compliance with section 212.6(a) are detected (this may be zero percent opacity for many or all emission sources), the permittee shall determine the cause, make the

necessary correction, and verify that the excess visible emissions problem has been corrected. If the permittee expects the excess visible emissions to occur in excess of 1 hour after discovery, the Department will be notified immediately.

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.

If the opacity is determined to exceed the limits of section 212.6(a), the facility will be determined to be in violation, the permittee will remedy the problem, and will contact the Department. The provisions of Part 201-1.4 shall apply.

The semiannual monitoring report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations.

Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-5: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaces Condition(s) 42

Item 1-5.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: CAP Emission Source: S1530

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

Item 1-5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The exhaust from kilns No(s). 1-6 shall be discharged through a thermal oxidizer (C157A or C157B or C157C)

during the time period that corresponds to the VOC emitting period of each firing cycle. An overall VOC reduction of 81% shall be achieved through a combination of kiln burners and the thermal oxidizer to maintain compliance with Part 212.10(c)(4)(i). Corning shall determine the VOC emitting period for each kiln firing cycle based on the organic burnout period (as defined by Lower Flammability Level "LFL Data"), and emissions test data.

Additionally emissions from S1530 kilns that are used to pre-bake ceramic ware will be directed to a thermal oxidizer control device (C157A or C157B or C157C) for its entire pre-bake period in order to achieve greater than 81% overall VOC reduction efficiency.

The VOC control periods of the existing firing cycles are established in the Corning Inc. Erwin Manufacturing Complex Control Period Matrix. Corning shall operate the thermal oxidizers in accordance with the VOC control period for each firing cycle 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. Corning shall establish new or revised control periods using LFL data as a means of defining the kiln temperature range which corresponds to the level of control necessary to achieve an 81% overall VOC reduction. 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 42: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaced by Condition(s) 1-5

Item 42.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: CK1 Emission Source: S1530

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

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The exhaust from kilns No(s). 1-6 shall be discharged through a thermal oxidizer (C157A or C157B or C157C) during the time period that corresponds to the VOC emitting period of each firing cycle. An overall VOC reduction of 81% shall be achieved through a combination of kiln burners and the thermal oxidizer to maintain compliance with Part 212.10(c)(4)(i). Corning shall determine the VOC emitting period for each kiln firing cycle based on the organic burnout period (as defined by Lower Flammability Level "LFL Data"), and emissions test data.

Additionally emissions from S1530 kilns that are used to pre-bake ceramic ware will be directed to a thermal oxidizer control device (C157A or C157B or C157C) for its entire pre-bake period in order to achieve greater than 81% overall VOC reduction efficiency.

The VOC control periods of the existing firing cycles are established in the Corning Inc. Erwin Manufacturing Complex Control Period Matrix. Corning shall operate the thermal oxidizers in accordance with the VOC control period for each firing cycle 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. Corning shall establish new or revised control periods using LFL data as a means of defining the kiln temperature range which corresponds to the level of control necessary to achieve an 81% overall VOC reduction. 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-6: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 44

Item 1-6.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0002
Process: CAP Emission Source: C0002

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

Item 1-6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S0002 is operational, the pressure drop across the dust collector (Control Device No. C0002) 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 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 44: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-6

Item 44.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0002
Process: EC2 Emission Source: C0002

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

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S0002 is operational, the pressure drop across the dust collector (Control Device No. C0002) 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 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-7: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaces Condition(s) 46

Item 1-7.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0003
Process: CAP Emission Source: C0003

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

Item 1-7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to ensure compliance with the Part 212.10(c)(4)(i) requirement of overall removal efficiency of at least 81% for VOC, the combustion chamber temperature of thermal oxidizer C0003 shall be monitored continuously and maintained above 1280 degrees F. The temperature limitation may be altered based on new stack testing data.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1280 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-8: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaces Condition(s) 45

Item 1-8.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0003
Process: CAP Emission Source: C0003

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

Item 1-8.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The exhaust from K9 Kiln (formerly DSK, E-1) shall be discharged through thermal oxidizer C0003 during the time period that corresponds to the VOC emitting period of each firing cycle. An overall VOC reduction of 81% shall be achieved through a combination of kiln burners and the thermal oxidizer to maintain compliance with Part 212.10(c)(4)(i). Corning shall determine the VOC emitting period for each kiln firing cycle based on the organic burnout period (as defined by Lower Flammability Level "LFL Data"), and emissions test data.

The VOC control periods of the existing firing cycles are established in the Corning Inc. Erwin Manufacturing Complex Control Period Matrix. Corning shall operate the thermal oxidizers in accordance with the VOC control period for each firing cycle 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. Corning shall establish new or revised control periods using LFL data as a means of defining the kiln temperature range which corresponds to the level of control necessary to achieve an 81% overall VOC reduction. 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 45: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaced by Condition(s) 1-8

Item 45.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0003
Process: EC2 Emission Source: C0003

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

Item 45.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The exhaust from Kiln No. DSK (formerly E-1) shall be discharged through thermal oxidizer C0003 during the time period that corresponds to the VOC emitting period of each firing cycle. An overall VOC reduction of 81% shall be achieved through a combination of kiln burners and the thermal oxidizer to maintain compliance with Part 212.10(c)(4)(i). Corning shall determine the VOC emitting period for each kiln firing cycle based on the organic burnout period (as defined by Lower Flammability Level "LFL Data"), and emissions test data.

The VOC control periods of the existing firing cycles are established in the Corning Inc. Erwin Manufacturing Complex Control Period Matrix. Corning shall operate the thermal oxidizers in accordance with the VOC control period for each firing cycle 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. Corning shall establish new or revised control periods using LFL data as a means of defining the kiln temperature range which corresponds to the level of control necessary to achieve an 81% overall VOC reduction. 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaced by Condition(s) 1-7

Item 46.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0003
Process: EC2 Emission Source: C0003

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

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to ensure compliance with the Part 212.10(c)(4)(i) requirement of overall removal efficiency of at least 81% for VOC, the combustion chamber temperature of thermal oxidizer C0003 shall be monitored continuously and maintained above 1280 degrees F. The temperature limitation may be altered based on new stack testing data.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1280 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 47: RACT
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(f)

Expired by Mod 1

Item 47.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E0004

Item 47.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 48: RACT
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(f)

Expired by Mod 1

Item 48.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E0005

Item 48.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 1-9: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 51

Item 1-9.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1541
Process: CAP Emission Source: C0001

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

Item 1-9.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1541 is operational, the pressure drop across the dust collector (Control Device No. C0001) will be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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 51: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-9

Item 51.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1541
Process: CK1 Emission Source: C0001

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

Item 51.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1541 is operational, the pressure drop across the dust collector (Control Device No. C0001) will

be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-10: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 52

Item 1-10.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1545
Process: CAP Emission Source: C1545

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

Item 1-10.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1545 is operational, the pressure drop across the dust collector (Control Device No. C1545) will be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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 52: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-10

Item 52.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1545
Process: CK1 Emission Source: C1545

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

Item 52.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1545 is operational, the pressure drop across the dust collector (Control Device No. C1545) will be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Expired by Mod 1

Item 53.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1547
Process: CK1 Emission Source: S1547

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

Item 53.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1547 is operational, the pressure drop across the dust collector (Control Device No. C1547) will be monitored at least once per week and maintained between 0 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0 inches of water
Upper Permit Limit: 8 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-11: Compliance Certification

Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaces Condition(s) 54

Item 1-11.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E157A
Process: CAP Emission Source: C157A

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

Item 1-11.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to ensure compliance with the Part 212.10(c)(4)(i) requirement for overall removal efficiency of at least 81% for VOC, the combustion chamber temperature of thermal oxidizer C157A shall be monitored continuously and maintained above 1370 degrees F. The temperature limitation may be altered based on new stack testing data.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1370 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 5 MINUTES
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaced by Condition(s) 1-11

Item 54.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E157A
Process: CK1 Emission Source: C157A

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

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to ensure compliance with the Part 212.10(c)(4)(i) requirement for overall removal efficiency of at least 81% for VOC, the combustion chamber temperature of thermal oxidizer C157A shall be monitored continuously and maintained above 1370 degrees F. The temperature limitation may be altered based on new stack testing data.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1370 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 5 MINUTES
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-12: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaces Condition(s) 55

Item 1-12.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E157B
Process: CAP Emission Source: C157B

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

Item 1-12.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to ensure compliance with the Part 212.10(c)(4)(i) requirement of overall removal efficiency of at least 81% for VOC, the combustion chamber temperature of thermal oxidizer C157B shall be monitored continuously and maintained above 1400 degrees F. The temperature limitation may be altered based on new stack testing data.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 5 MINUTES
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 55: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaced by Condition(s) 1-12

Item 55.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E157B
Process: CK1 Emission Source: C157B

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

Item 55.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to ensure compliance with the Part 212.10(c)(4)(i) requirement of overall removal efficiency of at least 81% for VOC, the combustion chamber temperature of thermal oxidizer C157B shall be monitored continuously and maintained above 1400 degrees F. The temperature limitation may be altered based on new stack testing data.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1400 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 5 MINUTES
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-13: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaces Condition(s) 56

Item 1-13.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E157C
Process: CAP Emission Source: C157C

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

Item 1-13.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
In order to demonstrate compliance with the Part 212.10(c)(4)(i) requirement for overall removal efficiency of at least 81% for VOC, Corning shall conduct stack testing for thermal oxidizer C157C within 60 days of its start-up. The testing shall be conducted to determine the overall VOC removal efficiency and the operating temperature of the oxidizer. Corning shall follow the notification and reporting requirements for emissions testing as specified in 6 NYCRR Part 202-1.2 and part 202-1.3. Corning shall submit a stack test protocol for the Department's approval not less than 30 days prior to the test. Corning shall submit the stack test report including the information on the operating temperature for oxidizer C157C, to the Department within 60 days after the completion of the testing.

Lower Permit Limit: 81 percent
Reference Test Method: 40CFR60
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 56: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaced by Condition(s) 1-13

Item 56.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E157C
Process: CK1 Emission Source: C157C

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 56.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
In order to demonstrate compliance with the Part 212.10(c)(4)(i) requirement for overall removal efficiency of at least 81% for VOC, Corning shall conduct stack testing for thermal oxidizer C157C within 60 days of its start-up. The testing shall be conducted to determine the overall VOC removal efficiency and the operating temperature of the oxidizer. Corning shall follow the notification and reporting requirements for emissions testing as specified in 6 NYCRR Part 202-1.2 and part 202-1.3. Corning shall submit a stack test protocol for the Department's approval not less than 30 days prior to the test. Corning shall submit the stack test report including the information on the operating temperature for oxidizer C157C, to the Department within 60 days after the completion of the testing.

Lower Permit Limit: 81 percent
Reference Test Method: 40CFR60
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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-14: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 57

Item 1-14.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1593
Process: CAP Emission Source: C1593

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

Item 1-14.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1593 is operational, the pressure drop across the dust collector (Control Device No. C1593) 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 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 57: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-14

Item 57.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1593
Process: CK1 Emission Source: C1593

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

Item 57.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1593 is operational, the pressure drop across the dust collector (Control Device No. C1593) 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 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-15: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 58

Item 1-15.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1613
Process: CAP Emission Source: C0099

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

Item 1-15.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1613 is operational, the pressure drop across the dust collector (Control Device No. C0099) will be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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 58: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-15

Item 58.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E1613
Process: EC2 Emission Source: C0099

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

Item 58.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1613 is operational, the pressure drop across the dust collector (Control Device No. C0099) will be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-16: RACT
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(f)

Item 1-16.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E2010

Item 1-16.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 1-17: RACT
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(f)

Item 1-17.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E2011

Item 1-17.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 1-18: RACT
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(f)

Item 1-18.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E2020

Item 1-18.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 1-19: RACT
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(f)

Item 1-19.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E2021

Item 1-19.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 1-20: RACT
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(f)

Item 1-20.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E2030

Item 1-20.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 59: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Expired by Mod 1

Item 59.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E4000
Process: CK1

Item 59.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 60: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Expired by Mod 1

Item 60.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E5000
Process: CK1

Item 60.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 61: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Expired by Mod 1

Item 61.1:
This Condition applies to Emission Unit: U-00001 Emission Point: E6000
Process: CK1

Item 61.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 1-21: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaces Condition(s) 63

Item 1-21.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 1-21.2:
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.
Subsequent reports are due every 6 calendar month(s).

Condition 63: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaced by Condition(s) 1-21

Item 63.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 63.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation 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 semi-annually 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 and in compliance with section 212.6(a) are detected (this may be zero percent opacity for many or all emission sources), the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected. If the permittee expects the excess visible emissions to occur in excess of 1 hour after discovery, the Department will be notified immediately.

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.

If the opacity is determined to exceed the limits of section 212.6(a), the facility will be determined to be in violation, the permittee will remedy the problem, and will contact the Department. The provisions of Part 201-1.4 shall apply.

The semiannual monitoring report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations.

Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 64: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-22

Item 64.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E0014
Process: D01 Emission Source: C0014

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

Item 64.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1610 is operational, the pressure drop across the dust collector (Control Device No. C0014) will be monitored at least once per week and maintained between 2 and 4 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 2 inches of water
Upper Permit Limit: 4 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-22: Compliance Certification

Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 64

Item 1-22.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E0014
Process: OTH Emission Source: C0014

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

Item 1-22.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1610 is operational, the pressure drop across the dust collector (Control Device No. C0014) will be monitored at least once per week and maintained between 1.5 and 4 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 1.5 inches of water
Upper Permit Limit: 4 inches of water
Reference Test Method: METHOD 9
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 65: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-23

Item 65.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E0015
Process: D01 Emission Source: C0015

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

Item 65.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1610 is operational, the pressure drop across the dust collector (Control Device No. C0015) will be monitored at least once per week and maintained between 4 and 6 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 4 inches of water
Upper Permit Limit: 6 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-23: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 65

Item 1-23.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E0015
Process: OTH Emission Source: C0015

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

Item 1-23.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1610 is operational, the pressure drop across the dust collector (Control Device No. C0015) will be monitored at least once per week and maintained between 0.5 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.5 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 1-24: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 73

Item 1-24.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E1546
Process: OTH Emission Source: C0009

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

Item 1-24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when

Emission Source S1546 is operational, the pressure drop across the dust collector (Control Device No. C0009) will be monitored at least once per week and maintained between 1 and 7 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 1 inches of water
Upper Permit Limit: 7 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 66: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Replaced by Condition(s) 1-25

Item 66.1:
This Condition applies to Emission Unit: U-00002 Emission Point: E1595
Process: D01 Emission Source: S1595

Item 66.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 1-25: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Replaces Condition(s) 66

Item 1-25.1:
This Condition applies to Emission Unit: U-00002 Emission Point: E1595
Process: OTH Emission Source: S1595

Item 1-25.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at

facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 67: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Replaced by Condition(s) 1-26

Item 67.1:
This Condition applies to Emission Unit: U-00002 Emission Point: E1601
Process: D01

Item 67.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 1-26: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Replaces Condition(s) 67

Item 1-26.1:
This Condition applies to Emission Unit: U-00002 Emission Point: E1601
Process: OTH Emission Source: S1601

Item 1-26.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 68: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Replaced by Condition(s) 1-27

Item 68.1:
This Condition applies to Emission Unit: U-00002 Emission Point: E1602
Process: D01

Item 68.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 1-27: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx

Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Replaces Condition(s) 68

Item 1-27.1:
This Condition applies to Emission Unit: U-00002 Emission Point: E1602
Process: OTH Emission Source: S1602

Item 1-27.2:
A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

Condition 1-28: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 74

Item 1-28.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E1608
Process: OTH Emission Source: C0012

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

Item 1-28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1608 is operational, the pressure drop across the dust collector (Control Device No. C0012) will be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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 69: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-29

Item 69.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E1610
Process: D01 Emission Source: C0013

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

Item 69.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1610 is operational, the pressure drop across the dust collector (Control Device No. C0013) 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 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-29: Compliance Certification

Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 69

Item 1-29.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E1610
Process: OTH Emission Source: C0013

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

Item 1-29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1610 is operational, the pressure drop across the dust collector (Control Device No. C0013) 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 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 70: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-30

Item 70.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E1614
Process: D01 Emission Source: C1614

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

Item 70.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1614 is operational, the pressure drop across the dust collector (Control Device No. C1614) 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 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-30: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 70

Item 1-30.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E1614
Process: OTH Emission Source: C1614

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

Item 1-30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1614 is operational, the pressure drop across the dust collector (Control Device No. C1614) 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 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 1-31: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 1-31.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E2000
Process: OTH Emission Source: C2000

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

Item 1-31.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S2000 is operational, the pressure drop across the dust collector (Control Device No. C2000) will

be monitored at least once per week and maintained between 0.5 and 6 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.5 inches of water
Upper Permit Limit: 6 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 1-32: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 1-32.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E2040
Process: OTH Emission Source: C2040

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

Item 1-32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S2040 is operational, the pressure drop across the dust collector (Control Device No. C2040) will be monitored at least once per week and maintained between 1.5 and 4 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 1.5 inches of water
Upper Permit Limit: 4 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 1-33: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 1-33.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: E2050
Process: OTH Emission Source: C2050

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

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

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S2050 is operational, the pressure drop across the dust collector (Control Device No. C2050) will be monitored at least once per week and maintained between 0.5 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.5 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 1-34: RACT
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(f)

Item 1-34.1:
This Condition applies to Emission Unit: U-00002 Emission Point: E2060
Process: OTH Emission Source: S2060

Item 1-34.2:
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 nitrogen oxides and 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 nitrogen oxide and 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

Condition 71: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Expired by Mod 1

Item 71.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00004

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

Item 71.2:
Compliance Certification shall include the following monitoring:

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

If this condition appears in a Title V permit, and the Department has not otherwise directed the permittee to conduct a stack test, compliance with the 0.050 grains/dscf particulate emission standard will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present following the guidelines in EPA

Method 22. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made semiannually while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. The semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations as well an instances in which visible emissions were observed or in which observations could not be made due to weather conditions.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 72: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.6(a)

Expired by Mod 1

Item 72.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Item 72.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation 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 semi-annually 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 and in compliance with section 212.6(a) are detected (this may be zero percent opacity for many or all emission sources), the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected. If the permittee expects the excess visible emissions to occur in excess of 1 hour after discovery, the Department will be notified immediately.

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.

If the opacity is determined to exceed the limits of section 212.6(a), the facility will be determined to be in violation, the permittee will remedy the problem, and will contact the Department. The provisions of Part 201-1.4 shall apply.

The semiannual monitoring report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations.

Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 73: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-24

Item 73.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: E1546
Process: CL1 Emission Source: C0009

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

Item 73.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1546 is operational, the pressure drop across the dust collector (Control Device No. C0009) will be monitored at least once per week and maintained between 1 and 7 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 1 inches of water
Upper Permit Limit: 7 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: ONE CONTINUOUS 6-MINUTE PERIOD PER HOUR
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 74: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-28

Item 74.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: E1608
Process: CL1 Emission Source: C0012

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

Item 74.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1608 is operational, the pressure drop

across the dust collector (Control Device No. C0012) will be monitored at least once per week and maintained between 0.2 and 8 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 and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 0.2 inches of water
Upper Permit Limit: 8 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-35: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaces Condition(s) 76

Item 1-35.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005

Item 1-35.2:
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.
Subsequent reports are due every 6 calendar month(s).

Condition 76: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.6(a)

Replaced by Condition(s) 1-35

Item 76.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005

Item 76.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation 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 semi-annually 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 and in compliance with section 212.6(a) are detected (this may be zero percent opacity for many or all emission sources), the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected. If the permittee expects the excess visible emissions to occur in excess of 1 hour after discovery, the Department will be notified immediately.

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.

If the opacity is determined to exceed the limits of section 212.6(a), the facility will be determined to be in violation, the permittee will remedy the problem, and will contact the Department. The provisions of Part 201-1.4 shall apply.

The semiannual monitoring report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations.

Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-36: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaces Condition(s) 77

Item 1-36.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005

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

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

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Within 90 days of the start-up of a production scenario that entails a load of un-fired ceramic ware (i.e., a "First Firing") in the U00005 kilns, Corning shall conduct stack tests for Prototype MAP Kiln, PN Sample Kiln 1 or 2, PN Pilot Production Kiln, and EK2 Kiln to determine the afterburner operating temperature and kiln temperature/afterburner control period during each cycle necessary to achieve 81% VOC control efficiency. A proposed test program must be submitted prior to the tests for NYSDEC approval. Within 60 days after the completion of the tests, the information on the afterburner operating temperature and kiln temperature/afterburner control period for each firing cycle shall be submitted to NYSDEC to be added as conditions of this permit.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent
Reference Test Method: 40CFR60 Methods
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 77: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(4)(i)

Replaced by Condition(s) 1-36

Item 77.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005

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

Item 77.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Within 90 days of the start-up of a production scenario that entails a load of un-fired ceramic ware (i.e., a "First Firing") in the U00005 kilns, Corning shall conduct

stack tests for Prototype MAFG Kiln, PN Sample Kiln 1 or 2, PN Pilot Production Kiln, and EK2 Kiln to determine the afterburner operating temperature and kiln temperature/afterburner control period during each cycle necessary to achieve 81% VOC control efficiency. A proposed test program must be submitted prior to the tests for NYSDEC approval. Within 60 days after the completion of the tests, the information on the afterburner operating temperature and kiln temperature/afterburner control period for each firing cycle shall be submitted to NYSDCE to be added as conditions of this permit.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent
Reference Test Method: 40CFR60 Methods
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-37: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 78

Item 1-37.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005 Emission Point: E1604
Process: CS1 Emission Source: C0011

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

Item 1-37.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1604 is operational, the pressure drop across the dust collector (Control Device No. C0011) 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 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 78: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-37

Item 78.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005 Emission Point: E1604
Process: CS1 Emission Source: C0011

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

Item 78.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Source S1604 is operational, the pressure drop across the dust collector (Control Device No. C0011) 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 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-38: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaces Condition(s) 79

Item 1-38.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005 Emission Point: E1650
Process: CS1 Emission Source: C1650

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

Item 1-38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Sources SCM01 and SCM04 are operational, the pressure drop across the dust collector (Control Device No. C1650) 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 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 79: Compliance Certification
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Replaced by Condition(s) 1-38

Item 79.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00005 Emission Point: E1650
Process: CS1 Emission Source: C1650

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

Item 79.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In order to demonstrate compliance with the 6 NYCRR Part 212.4(c) particulate limit of 0.05 grain/dscf, when Emission Sources SCM01 and SCM04 are operational, the pressure drop across the dust collector (Control Device No. C1650) 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 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.
The initial report is due 1/30/2007.
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.

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 81: Contaminant List
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 81.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY100-00-0
Name: HAP

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3
Name: HYDROGEN FLUORIDE

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

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

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

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

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

Condition 1-39: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6NYCRR 212.4(a)

Replaces Condition(s) 86

Item 1-39.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001
Process: CAP

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

Item 1-39.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Corning shall operate and maintain the hydrogen fluoride scrubbers C1616 and C1618 consistent with good engineering practice, and in accordance with manufacturer's recommendations. The level of scrubbing media(limestone) in the device must be increased immediately should the low level alarm be triggered. Corning shall keep records of all equipment maintenance on a monthly basis.

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 1-40: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6NYCRR 212.4(a)

Replaces Condition(s) 87

Item 1-40.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001
Process: CAP Emission Source: S1530

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

Item 1-40.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

During high fluorine firing cycle where fluorine content is greater than or equal to 0.066% lb F/lb ware, the exhaust from Kilns Nos. 1-6 shall be discharged through a HF scrubber (C1616 or C1618) during the time period that corresponds to the HF emitting period of each cycle. The HF control periods of the existing firing cycles are established in the Corning Inc. Erwin Manufacturing Complex Control Period Matrix. Corning shall operate the HF scrubbers in accordance with the HF control period for each firing cycle 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 86: Compliance Demonstration
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable State Requirement:6NYCRR 212.4(a)

Replaced by Condition(s) 1-39

Item 86.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001
Process: CK1

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

Item 86.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Corning shall operate and maintain the hydrogen fluoride scrubbers C1616 and C1618 consistent with good engineering practice, and in accordance with manufacturer's recommendations. The level of scrubbing media(limestone) in the device must be increased immediately should the low level alarm be triggered. Corning shall keep records of all equipment maintenance on a monthly basis.

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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 87: Compliance Demonstration
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable State Requirement:6NYCRR 212.4(a)

Replaced by Condition(s) 1-40

Item 87.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001
Process: CK1 Emission Source: S1530

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

Item 87.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

During high fluorine firing cycle where fluorine content is greater than or equal to 0.066% lb F/lb ware, the exhaust from Kilns Nos. 1-6 shall be discharged through a HF scrubber (C1616 or C1618) during the time period that corresponds to the HF emitting period of each cycle. The HF control periods of the existing firing cycles are established in the Corning Inc. Erwin Manufacturing Complex Control Period Matrix. Corning shall operate the HF scrubbers in accordance with the HF control period for each firing cycle 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.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 89: Emissions from new emission sources and/or modifications
Effective between the dates of 08/08/2006 and Permit Expiration Date

Applicable State Requirement:6NYCRR 212.4(a)

Expired by Mod 1

Item 89.1:
This Condition applies to Emission Unit: U-00004

Item 89.2:
No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.