

Facility DEC ID: 8464200108

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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
 Permit ID: 8-4642-00108/00002  
 Effective Date: 10/10/2023 Expiration Date: 10/09/2028

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

Contact: NATHAN M CHAPOTON  
 890 ADDISON RD  
 PAINTED POST, NY 14870

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

Contact: BENJAMIN AMSLER  
 890 ADDISON RD  
 PAINTED POST, NY 14870

Description:  
 Renewal 2 of the Air Title V (ATV) Permit for the Corning Diesel Manufacturing Facility located 890 Addison Road, Painted Post, NY which produces ceramic filters and substrates for diesel engine emission control devices. Facility activities are grouped into emission units U-00001 through U-00007 and include material handling and storage, forming, drying, and extrusion of ceramic ware, operation of natural gas-fired boilers, heaters, and generators, and finishing operations.

Permit Renewal 2 incorporates the following changes made to the facility during the term of the prior permit in accordance with the Operational Flexibility provisions: Addition of Emission Point E024D to U-00004 and installation of the Forming Line 1 Dryer under U-00003, Process P04. The proposed De-oiling Oven approved August 2021 under the Operational Flexibility provisions is no longer planned to be installed and therefore is not included in the Renewal permit.

Additionally, Renewal 2 addresses a permit modification application submitted in May 2017 that was never acted upon by the Department. This modification requested revisions to the 6 NYCRR 257-8 ambient fluoride standard compliance methodology for the kilns and the VOC control requirement for Tunnel Kiln 4. Accordingly, Renewal 2 includes revisions and updates to the hydrogen fluoride (HF) monitoring conditions for the kilns under 6 NYCRR 257-8. The VOC control limit for Tunnel Kiln 4 has also been revised to 99 percent (%) reduction consistent with Tunnel Kiln 3. These changes do not affect the existing case-by-case MACT limits for HF nor change the VOC emission caps.

This renewal retains the federally enforceable emissions caps under 6 NYCRR 201-7 for CO, VOC, PM, PM10, PM2.5, and NOx established in prior permits to remain below the applicability thresholds for New Source Review. The emissions capping conditions for U-0006

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and U-00007 reflect limiting emissions below the Significant Project /Significant Net Emissions Increase Thresholds for prior modifications to the permit. The facility must continue to comply with NOx and VOC LAER requirements under 6 NYCRR 231 for changes made as part of the Ren 0, Mod 3 ATV permit.

Facility operations are subject to 40 CFR 60, Subpart OOO NSPS for Non-metallic Mineral Processing and the 40 CFR 63, Subpart B Case-by-Case MACT standard. The applicability and requirements for these regulations are unchanged from the prior permit.

Facility emergency generators are subject to 40 CFR 63, Subpart ZZZZ NESHAP for Industrial, Institutional and Commercial Stationary Internal Combustion Engines and/or 40 CFR 60, Subpart IIII NSPS for Stationary Compression Ignition Internal Combustion Engines. The facility must comply with the applicable requirements of the 40 CFR 63, Subpart ZZZZ NESHAP and 40 CFR 60, Subpart 60, Subpart IIII NESHAP.

Numerous changes to permit conditions have been made where necessary to reflect updated regulations, correct permit citations, remove outdated requirements, clarify monitoring requirements and limits, and other miscellaneous changes. Except for the revisions above, these changes to not affect the existing limits, caps, and monitoring conditions established in prior permits.

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:           KIMBERLY A MERCHANT  
6274 E AVON LIMA RD  
AVON, NY 14414-9519

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

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### 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.

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- 5 3 Applications for permit renewals, modifications and transfers
- 6 4 Permit modifications, suspensions or revocations by the Department

**Facility Level**

- 6 5 Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS

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**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3**

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

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

**Item 4.1:**

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

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

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 8 Headquarters  
Division of Environmental Permits  
6274 Avon-Lima Road  
Avon, NY 14414-9519  
(585) 226-2466

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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HP-ME-02-06  
CORNING, NY 14831

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

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

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15	7	6 NYCRR 202-2.1: Compliance Certification
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15	9	6 NYCRR 215.2: Open Fires - Prohibitions
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20	19	40 CFR Part 68: Accidental release provisions.
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- 51 45 6 NYCRR 212-2.4 (b): Compliance Certification
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- 52 47 6 NYCRR 227-1.4 (a): Compliance Certification
- 53 48 6 NYCRR 227-2.4 (d): Compliance Certification
- 54 49 6 NYCRR 229.3 (e) (2) (v): Compliance Certification
- 55 50 6 NYCRR 231-2.5: Compliance Certification
- 56 51 6 NYCRR 231-2.5: Compliance Certification
- 57 52 6 NYCRR 231-2.9: Compliance Certification
- 58 53 6 NYCRR 231-6.5: Compliance Certification
- 59 54 6 NYCRR 231-6.5: Compliance Certification
- 60 55 6 NYCRR 231-6.5: Compliance Certification
- 61 56 6 NYCRR 231-6.5: Compliance Certification
- 62 57 6 NYCRR 231-6.5: Compliance Certification
- 64 58 6 NYCRR 231-6.5: Compliance Certification
- 65 59 6 NYCRR 231-6.5: Compliance Certification
- 66 60 6 NYCRR 231-6.5: Compliance Certification
- 67 61 6 NYCRR 231-6.5: Compliance Certification
- 69 62 6 NYCRR 231-6.5: Compliance Certification
- 70 63 6 NYCRR 231-6.5: Compliance Certification
- 71 64 6 NYCRR 231-6.5: Compliance Certification
- 72 65 6 NYCRR 231-6.6: Compliance Certification
- 73 66 6 NYCRR 231-11.2 (c): Compliance Certification
- 76 67 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 76 68 40CFR 60.4205(b), NSPS Subpart III: Compliance Certification
- 77 69 40CFR 60.4206, NSPS Subpart III: Duration of  
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- 77 70 40CFR 60.4209(a), NSPS Subpart III: Compliance Certification
- 78 71 40CFR 60.4211(a), NSPS Subpart III: Compliance Certification
- 79 72 40CFR 60.4211(c), NSPS Subpart III: Compliance Certification
- 79 73 40CFR 60.4211(f), NSPS Subpart III: Compliance Certification
- 81 74 40CFR 60.4211(f), NSPS Subpart III: Compliance Certification
- 82 75 40CFR 60.4214(b), NSPS Subpart III: Compliance Certification
- 83 76 40CFR 60.4218, NSPS Subpart III: General Provisions
- 84 77 40CFR 60.670(a)(1), NSPS Subpart OOO: Compliance Certification
- 84 78 40CFR 60.672(a), NSPS Subpart OOO: Compliance Certification
- 85 79 40CFR 60.672(a), NSPS Subpart OOO: Compliance Certification
- 86 80 40CFR 60.672(e)(1), NSPS Subpart OOO: Compliance Certification
- 87 81 40CFR 60.674(c), NSPS Subpart OOO: Compliance Certification
- 88 82 40CFR 60.675, NSPS Subpart OOO: Test methods and procedures
- 88 83 40CFR 60.676(b)(1), NSPS Subpart OOO: Compliance Certification
- 89 84 40CFR 60.676(h), NSPS Subpart OOO: Subpart 60.7(a)(1) requirement  
waived
- 89 85 40CFR 63.6590(c), Subpart ZZZZ: Stationary RICE  
subject to Regulations under 40 CFR Part 60
- 90 86 40CFR 63.6603(a), Subpart ZZZZ: Compliance Certification
- 91 87 40CFR 63.6603(a), Subpart ZZZZ: Compliance Certification
- 92 88 40CFR 63.6605(a), Subpart ZZZZ: Compliance required at all times
- 93 89 40CFR 63.6605(b), Subpart ZZZZ: Operate and maintain  
air pollution control and monitoring equipment consistent with good  
engineering practices
- 93 90 40CFR 63.6625(e), Subpart ZZZZ: Compliance Certification

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- 95 91 40CFR 63.6625(f), Subpart ZZZZ: Compliance Certification
- 96 92 40CFR 63.6625(h), Subpart ZZZZ: Compliance Certification
- 98 93 40CFR 63.6625(i), Subpart ZZZZ: Compliance Certification
- 99 94 40CFR 63.6625(j), Subpart ZZZZ: Compliance Certification
- 100 95 40CFR 63.6640(a), Subpart ZZZZ: Compliance Certification
- 101 96 40CFR 63.6640(b), Subpart ZZZZ: Deviations and  
catalyst changing provisions for lean burn and compression ignition  
engines
- 102 97 40CFR 63.6640(e), Subpart ZZZZ: Reporting of  
non-compliance with NESHAP General Provisions
- 103 98 40CFR 63.6640(f), Subpart ZZZZ: Compliance Certification
- 104 99 40CFR 63.6655(a), Subpart ZZZZ: Compliance Certification
- 106 100 40CFR 63.6655(d), Subpart ZZZZ: Compliance Certification
- 107 101 40CFR 63.6655(e), Subpart ZZZZ: Compliance Certification
- 108 102 40CFR 63.6655(f), Subpart ZZZZ: Compliance Certification
- 109 103 40CFR 63.6660, Subpart ZZZZ: Compliance Certification
- 110 104 40CFR 63.6665, Subpart ZZZZ: General provisions
- 111 105 40 CFR Part 64: Compliance Certification
- 113 106 40 CFR Part 64: Compliance Certification
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- 116 107 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 121 108 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 128 109 6 NYCRR 201-7.1: Emission Unit Permissible Emissions
- 128 110 40CFR 60.676(f), NSPS Subpart OOO: Compliance Certification
- EU=U-00001,EP=E0003,Proc=P01,ES=C0003**
- 129 111 40CFR 60.672(a), NSPS Subpart OOO: Compliance Certification
- EU=U-00004**
- 130 112 6 NYCRR 231-2.5: Compliance Certification
- 132 113 6 NYCRR 231-2.5: Compliance Certification
- 133 114 40CFR 63.43(c), Subpart B: Compliance Certification
- 135 115 40CFR 63.43(c), Subpart B: Compliance Certification
- 135 116 40CFR 63.43(c), Subpart B: Compliance Certification
- 136 117 40CFR 63.43(c), Subpart B: Compliance Certification
- 137 118 40CFR 63.43(c), Subpart B: Compliance Certification
- 139 119 40CFR 63.43(d), Subpart B: Principles of  
Case-By-Case MACT Determinations
- 139 120 40CFR 63.43(g)(2)(iv), Subpart B: Case-By-Case  
MACT General Provisions Applicability (No Opacity Standard or Flares)
- 142 121 40CFR 63.43(k), Subpart B: Case-By-Case MACT Compliance Date
- 142 122 40CFR 63.43(l), Subpart B: Compliance With  
Case-By-Case MACT Determination
- 142 123 40CFR 63.44, Subpart B: Requirements for  
constructed or reconstructed major sources subject to a subsequently  
promulgated MACT standard or MACT requirement
- EU=U-00005,Proc=P07**
- 143 124 6 NYCRR 231-2.5: Compliance Certification
- 144 125 6 NYCRR 231-2.5: Compliance Certification
- EU=U-00006**
- 145 \*126 6 NYCRR 201-7.1: Capping Monitoring Condition

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**EU=U-00007**

- 147 \*127 6 NYCRR 201-7.1: Capping Monitoring Condition
- 148 \*128 6 NYCRR 201-7.1: Capping Monitoring Condition
- 150 \*129 6 NYCRR 201-7.1: Capping Monitoring Condition

**EU=U-00007,Proc=P11,ES=C0701**

- 151 130 6 NYCRR 212-2.4 (b): Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

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- 154 131 ECL 19-0301: Contaminant List
- 155 132 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 155 133 6 NYCRR 201-1.15: Requirement to Commence Construction
- 156 134 6 NYCRR 201-6.5 (a): CLCPA Applicability
- 156 135 6 NYCRR 211.1: Air pollution prohibited
- 156 136 6 NYCRR 212-2.1 (a): Compliance Demonstration
- 157 137 6 NYCRR 257-4.2: Compliance Demonstration
- 158 138 6 NYCRR 257-4.2: Compliance Demonstration
- 160 139 6 NYCRR 257-4.2: Compliance Demonstration
- 161 140 6 NYCRR 257-4.2: Compliance Demonstration

NOTE: \* preceding the condition number indicates capping.

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**FEDERALLY ENFORCEABLE CONDITIONS**

Renewal 2/FINAL

\*\*\*\* 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: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**  
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.
- Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**  
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.
- Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**  
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**  
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**  
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of

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planned changes or anticipated noncompliance does not stay any permit condition.

**Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**

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

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

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

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

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

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

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

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

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

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- 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 J: Reopening for Cause - 6 NYCRR 201-6.4 (i)**

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

- i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of 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 the 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 section 201- 6.6 of this Subpart.
- 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.

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**Item K: 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 L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

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

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

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

**Condition 1: Acceptable Ambient Air Quality  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 200.6**

**Item 1.1:**

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

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**Condition 2: Fees**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)**

**Item 2.1:**

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 3.1:**

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)**

**Item 4.1:**

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

**Condition 5: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**



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**Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)****Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting

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

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

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

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All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department’s Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 6: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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elsewhere in this permit related to compliance certification.

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

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

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

Chief – Air Compliance Branch  
USEPA Region 2 DECA/ACB  
290 Broadway, 21st Floor  
New York, NY 10007

The address for the RAPCE is as follows:

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

The address for the BQA is as follows:

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

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Monitoring Frequency: ANNUALLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 202-2.1**

**Item 7.1:**  
 The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**  
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 0 days after the reporting period.  
 The initial report is due 4/15/2024.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 202-2.5**

**Item 8.1:**  
 (a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
  - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 215.2**

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**Item 9.1:**

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

**Item 9.2**

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

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

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS  
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

**The following federally enforceable permit conditions are mandatory for all**

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**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 10: Maintenance of Equipment**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

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

**Condition 11: Recycling and Salvage**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 11.1:**

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-1.8**

**Item 12.1:**

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 13: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 13.1:**

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

**Condition 14: Compliance Certification**

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

**Item 14.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D
Emission Unit: U-00006 Process: P10	Emission Source: S0630
Emission Unit: U-00006 Process: P10	Emission Source: S0631

**Item 14.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

As proof of exempt eligibility for the emergency generators, the facility must maintain monthly records which demonstrate that each engine is operated less than 500 hours per year, on a 12-month rolling total basis.

Work Practice Type: HOURS PER YEAR OPERATION



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Upper Permit Limit: 500.0 hours  
 Monitoring Frequency: MONTHLY  
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 15: Trivial Sources - Proof of Eligibility**  
 Effective between the dates of 10/10/2023 and 10/09/2028

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

**Item 15.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 16: Requirement to Provide Information**  
 Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**

**Item 16.1:**

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

**Condition 17: Right to Inspect**  
 Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)**

**Item 17.1:**

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

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(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 18: Required Emissions Tests**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 18.1:**

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

**Condition 19: Accidental release provisions.**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 19.1:**

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
  - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
  - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center  
C/O CSC  
8400 Corporate Dr  
Carrollton, Md. 20785

**Condition 20: Recycling and Emissions Reduction**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 20.1:**

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

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

**Condition 21: Emission Unit Definition**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-6**

**Item 21.1:**

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

Emission Unit: U-00001

Emission Unit Description:

This emission unit consists of a rail car and truck unloading and transfer area, batch silo storage and screening area, dry batch mix area, liquid batch unloading area, wet tower mix area, plugging area, and cutting, skinning, contouring, and finishing operations.

Building(s): 1

**Item 21.2:**

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

Emission Unit: U-00002

Emission Unit Description:

This emission unit consists of bulk oil storage.

Building(s): 1

**Item 21.3:**

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

Emission Unit: U-00003

Emission Unit Description:

This emission unit consists of drying operations.

Building(s): 1

**Item 21.4:**

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

Emission Unit: U-00004

Emission Unit Description:

This emission unit consists of periodic and tunnel kilns and associated emissions control devices.

Building(s): 1

**Item 21.5:**

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

Emission Unit: U-00005

Emission Unit Description:

This emission unit consists of combustion sources subject

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to an applicable requirement or limit. This emission unit also includes numerous combustion sources that are exempt from permitting (small heaters and boilers, air handling units).

Building(s): 1

**Item 21.6:**

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

Emission Unit: U-00006

Emission Unit Description:

This emission unit consists of a dry batch mix area, batch transfer area, wet tower mix area, drying and cutting areas or green ceramic, finishing operations as well as two tunnel kilns with emissions control devices. This emission unit also includes (otherwise exempt) combustion sources that are subject to an applicable requirement or limit and combustion sources exempt from permitting (small heaters and boilers, air handling units).

Building(s): 1

**Item 21.7:**

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

Emission Unit: U-00007

Emission Unit Description:

This emission unit consists of finishing operations.

Building(s): 1

**Condition 22: Progress Reports Due Semiannually**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 22.1:**

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 23: Operational Flexibility**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (f)**

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**Item 23.1:**

A permit modification is not required for changes that are provided for in the permit. Such changes include approved alternate operating scenarios and changes that have been submitted and approved pursuant to an established operational flexibility protocol and the requirements of this section. Each such change cannot be a modification under any provision of Title I of the Clean Air Act or exceed, or cause the facility to exceed, an emissions cap or limitation in the permit. The facility owner or operator must incorporate all changes into any compliance certifications, record keeping, and/or reporting required by the permit.

**Condition 24: Compliance Certification  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (f) (2)**

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 24.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Protocol:

The objective of this protocol is to maximize operational flexibility by building capability into this permit for the facility to make certain changes following a preestablished protocol as allowed for in 6NYCRR Part 201-6.4(f). This protocol does not address those types of changes that would invoke the 6NYCRR Part 201-6.6 Significant Permit Modifications.

Protocol for Changes:

(1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit:

(i) changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements;

(ii) changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements; and

(iii) changes that do not seek to establish or modify a federally-enforceable emission cap or limit.

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The facility owner or operator anticipates being able to accommodate the following types of changes with no case specific Department approval provided that each change meets the above criteria:

- Kiln firing cycle adjustments
- An increase in the emissions rate or concentration of a contaminant. This includes physical and operational changes associated with existing emission sources.
- The use of production materials that may result in the emission of new air contaminants.
- The relocation of emission source equipment, control devices, and emission points within the facility.
- The installation or alteration of air pollution control devices.
- The installation of new emission sources, or replacement of existing emission sources with similar sources.

The facility owner or operator will review modifications and installations to ensure conformance with the following Operational Flexibility Protocol:

- a. The new emissions source or modification is adequately addressed by conditions that have already been established in the Title V permit to address underlying applicable requirements. If a change affects a source's compliance monitoring approach, a revised monitoring approach will be documented with appropriate justification.
- b. The new emissions source or modification will comply with all respective applicable requirements and the above referenced permit terms.
- c. The new source or modification will comply with state air toxics review criteria that are acceptable to the Department. The facility owner or operator will perform a DEC Program Policy DAR-1 review for each new source or modification subject to 6 NYCRR Part 212. Additionally, the new source or modification will not result in contravention of applicable ambient air quality standards. If necessary, a Toxic Impact Assessment and/or air dispersion modeling report must be submitted with the operational flexibility notification to demonstrate compliance with DAR-1 ambient guideline concentrations or national ambient air quality standards.
- d. The new source or modification will not trigger major New Source Review program applicability under 6NYCRR Part 231 or 40 CFR 52.21.
- e. The facility owner or operator must document its assessment of each new source or modification reviewed

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under this protocol and make records available for review by the Department upon request. The documentation shall include the following components:

- Date and description of proposed change.
  - Identification of the Title V Permit emission unit, process(es), emission sources, and emission points affected by the proposed changes.
  - Documentation of the source's compliance with all applicable requirements;
  - Documentation and justification of any revised compliance monitoring approach;
  - Completed New York State application forms to the extent that they are appropriate to communicate revised information;
  - Documentation of source's conformance with the Department's approved state air toxics review criteria.
- 
- Documentation that the source does not trigger major New Source Review program applicability.
  - Any other relevant information used for the evaluation of the proposed change under the Protocol.

(2) In addition to the recordkeeping required under item (1) above, the facility owner or operator must notify the Department in writing at least 30 calendar days in advance of making changes involving:

(i) the installation or relocation of any emission source, process, or emission point within a facility;

(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;

(iii) the installation or alteration of any air cleaning installation, device or control equipment.

Notification made in accordance with this protocol shall include the documentation developed consistent with criteria specified in item (1) of the protocol.

(3) The Department may require a permit modification, in order to impose new applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) or the change may have a significant air quality impact. In such cases the Department may require that the facility not undertake the proposed change until it completes a more detailed review of the

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potential air quality impacts and/or applicable requirements. The Department shall respond to the facility owner or operator in writing with such a determination within 15 days of receipt of the 30 day advance notification. The Department's determination shall include a listing of information necessary to further review the proposed change.

(4) The facility owner or operator must provide with the semi-annual monitoring report, a summary of the changes made in accordance with this protocol during the corresponding period, a statement of the compliance status of each, and an updated emission unit matrix if applicable.

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 1/30/2024.

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

**Condition 25: Non Applicable requirements**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (g)**

**Item 25.1:**

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

40 CFR Part 63, Subpart JJJJJ

Reason: The Diesel Ceramic Manufacturing Facility's periodic kilns of Emission Units U-00004 and U-00006 do not meet the definition of an affected source at a Brick and Structural Clay Product Manufacturing Facility, therefore these kilns are not subject to this standard.

40 CFR Part 63, Subpart KKKKK

Reason: The Diesel Ceramic Manufacturing Facility does not meet the definition of a Clay Ceramics Manufacturing Facility, therefore Emission Units U-00004 and U-00006 are not subject to this standard.

40 CFR Part 63, Subpart RRRRRR

Reason: The Diesel Manufacturing Facility is not subject to 40CFR63 Subpart RRRRRR National Emission Standards For Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources because it does not meet the definition of a Clay Ceramics Manufacturing Area Source.



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40 CFR Part 63, Subpart SSSSS

Reason: The Diesel Manufacturing Facility is not subject to 40CFR63 Subpart SSSSS National Emission Standard For Hazardous Air Pollutants for Refractory Products Manufacturing because it does not meet the definition of a Refractory Products Manufacturer.

**Condition 26: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.5**

**Item 26.1:**

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

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Emission Unit: U-00005

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

**Item 26.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In acknowledgement of the potential-to-emit the emissions offsets obtained at the time of initial permitting, VOC emissions from Emission Units U-00001 to U-00005 are limited to less than 122 tons per year.

To demonstrate compliance with this emission limit, the facility owner or operator must calculate 12-month rolling VOC emissions from Emission Units U-00001 to U-00005 on a monthly basis. VOC emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculations are subject to Department approval.

Records used to demonstrate compliance with this limit must be kept on site for five years and made available to

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the Department upon request.

Parameter Monitored: VOC  
 Upper Permit Limit: 122 tons per year  
 Monitoring Frequency: MONTHLY  
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 27: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.5**

**Item 27.1:**

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

Emission Unit: U-00006	Emission Point: E0601
Emission Unit: U-00006	Emission Point: E0602
Emission Unit: U-00006	Emission Point: E0606
Emission Unit: U-00006	Emission Point: E0608
Emission Unit: U-00006	Emission Point: E0610
Emission Unit: U-00006	Emission Point: E0611

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

**Item 27.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To ensure that particulate emissions remain below the Prevention of Significant Deterioration Significant Project/Net Emissions Increase thresholds under 6 NYCRR 231-8, emissions of particulates from emission points E0601, E0602, E0606, E0608, E0610, and E0611 are limited to less than 0.001 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

The facility owner or operator will conduct compliance verifications at the monitoring frequency stated below. These verifications include review of pertinent

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information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The facility owner or operator will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the facility owner or operator will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.001 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The facility owner or operator shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected.

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.001 grains per dscf

Monitoring Frequency: SEMI-ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 28: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.5**

**Item 28.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00006

Process: P08

Emission Source: C0611

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Emission Unit: U-00006

Process: P08

Emission Source: S0606

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 28.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To comply with the 0.001 grain/dscf particulate emissions cap, when Emission Source S0606 is operational, the pressure drop across the dust collector (Control Device No. C0611) must be maintained between 0.1 and 12 inches of water.

To demonstrate compliance with this requirement, the facility owner must monitor and record the pressure drop on a weekly basis. If the pressure drop recorded during normal operation is outside of this range, the facility owner or operator must inspect the dust collector and initiate corrective action as necessary. This pressure drop range shall not apply during periods of start-up following filter replacement.

Records of pressure drop readings and maintenance must be maintained on-site for a period of five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 0.1 inches of water

Upper Permit Limit: 12 inches of water

Monitoring Frequency: WEEKLY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 29: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.5**

**Item 29.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00006

Process: P08

Emission Source: C0601

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Emission Unit: U-00006

Process: P08

Emission Source: S0601

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 29.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To meet the 0.001 grain/dscf particulate emissions cap, when Emission Source S0601 is operational, the pressure drop across the dust collector (Control Device No. C0601) must be maintained between 0.1 and 8.0 inches of water.

To demonstrate compliance with this requirement, the facility owner must monitor and record the pressure drop on a weekly basis. If the pressure drop recorded during normal operation is outside of this range, the facility owner or operator must inspect the dust collector and initiate corrective action as necessary. This pressure drop range shall not apply during periods of start-up following filter replacement.

Records of pressure drop readings and maintenance must be maintained on-site for a period of five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 0.1 inches of water

Upper Permit Limit: 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 1/30/2024.

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

**Condition 30: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.5**

**Item 30.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00006

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Process: P08 Emission Source: C0608

Emission Unit: U-00006  
Process: P08 Emission Source: C0609

Emission Unit: U-00006  
Process: P08 Emission Source: C0610

Emission Unit: U-00006  
Process: P08 Emission Source: S0606

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

**Item 30.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To meet the 0.001 grain/dscf particulate emissions cap, when Emission Source S0606 is operational, the pressure drop across the dust collectors (Control Device No. C0608, C0609, and C0610) must be maintained between 0.1 and 7.0 inches of water.

To demonstrate compliance with this requirement, the facility owner must monitor and record the pressure drop on a weekly basis. If the pressure drop recorded during normal operation is outside of this range, the facility owner or operator must inspect the dust collector and initiate corrective action as necessary. This pressure drop range shall not apply during periods of start-up following filter replacement.

Records of pressure drop readings and maintenance must be maintained on-site for a period of five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE  
Lower Permit Limit: 0.1 inches of water  
Upper Permit Limit: 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.  
The initial report is due 1/30/2024.  
Subsequent reports are due every 6 calendar month(s).

**Condition 31: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**



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RANGE AT ANY TIME  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 32: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-6.5**

**Item 32.1:**

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

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

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

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

Emission Unit: U-00006	
Process: P09	Emission Source: S0621

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

**Item 32.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Consistent with the air dispersion modeling inputs used to demonstrate compliance with the 6 NYCRR 257-8 hydrogen fluoride (HF) ambient standards, HF emissions from Tunnel Kilns 1-4 (ES S0023, S0024, S0620, S0621, respectively) must be controlled using the HF scrubbers when the fluorine content of the raw material exceeds 0.00002 lbs F/lbs ware.

To demonstrate compliance with this limit, facility owner or operator must monitor the fluorine content of the ware and operate the HF scrubbers in accordance with the HF control period for each firing cycle as specified in the Corning Incorporated Diesel Manufacturing Facility Control Period Matrix. This document must include the HF control periods for each firing cycle. The control periods may be altered based on new stack test information. Changes involving the addition of new firing cycles or changes





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S0620 and S0621, respectively) must not exceed 1.3 lbs VOC / ton ceramic ware. Alternatively, the Tunnel Kilns must meet the control requirement specified elsewhere in this permit, whichever is more stringent.

To demonstrate compliance with this requirement, VOC emissions must be controlled from the kilns through a combination of kiln burners and the use of thermal oxidizers during the burnout period of each firing cycle. The burnout period refers to an early period of a firing cycle during which VOC is release from the ceramic wares. The burnout period of each firing cycle shall be determined using existing stack test data, engineering analysis, and new stack test data if necessary.

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

- (1) Documentation of each control period determination
- (2) Documentation that the appropriate control period has been used for each firing
- (3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

Parameter Monitored: VOC  
 Upper Permit Limit: 1.3 pounds per ton  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: 1-HOUR AVERAGE  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 34: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-6.5**

**Item 34.1:**



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

- (1) Documentation of each control period determination
- (2) Documentation that the appropriate control period has been used for each firing
- (3) Documentation of the addition of new firing cycles and the changes of existing firing cycles

Parameter Monitored: DESTRUCTION EFFICIENCY  
 Lower Permit Limit: 99 percent  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: 1-HOUR AVERAGE  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 35: Facility Permissible Emissions**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 35.1:**

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

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

CAS No: 000630-08-0	PTE: 696,000 pounds per year
Name: CARBON MONOXIDE	
CAS No: 0NY075-00-0	PTE: 498,000 pounds per year
Name: PARTICULATES	

**Condition 36: Capping Monitoring Condition**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

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**Item 36.1:**

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

6 NYCRR Subpart 231-8

**Item 36.2:**

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

**Item 36.3:**

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

**Item 36.4:**

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

**Item 36.5:**

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

**Item 36.6:**

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

Emission Unit: U-00006

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 36.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To ensure that emissions of carbon monoxide (CO) remain below the Prevention of Significant Deterioration Significant Project/Net Emissions Rate thresholds under 6 NYCRR 231-8, CO emissions from Emission Unit U-00006 is

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limited to 99 tons per year on a rolling twelve month basis.

To demonstrate compliance with this limit, the facility must determine the actual 12-month rolling CO emissions (in tons per year) from U-00006 on a monthly basis. CO emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for CO emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 99 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 37: Capping Monitoring Condition**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-7.1**

**Item 37.1:**

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

40 CFR 52.21

**Item 37.2:**

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

**Item 37.3:**

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

**Item 37.4:**

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

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emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 37.5:**

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

**Item 37.6:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 37.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To ensure that emissions of particulate matter (PM) remain below the Prevention of Significant Deterioration thresholds under 40 CFR 52.21, facility (Emission Units U-00001 through U-00007) PM emissions are limited to 249 tons per year on a 12-month rolling basis.

To demonstrate compliance with this limit, the facility owner or operator must determine the actual 12-month rolling PM emissions (in tons per year) from the facility on a monthly basis. PM emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculations are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for PM emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 249 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 38: Capping Monitoring Condition**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-7.1**

**Item 38.1:**

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

40 CFR 52.21

**Item 38.2:**

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

**Item 38.3:**

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

**Item 38.4:**

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

**Item 38.5:**

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

**Item 38.6:**

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

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Emission Unit: U-00005



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Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 38.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To ensure that emissions of carbon monoxide (CO) remain below the Prevention of Significant Deterioration thresholds under 40 CFR 52.21, CO emissions from Emission Units U-00001 to U-00005 are limited to 249 tons per year on a rolling twelve month basis.

To demonstrate compliance with this limit, the facility must determine the actual 12-month rolling CO emissions (in tons per year) from U-00001 to U-00005 on a monthly basis. CO emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for CO emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 249 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 39: Statement dates for emissions statements.**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 202-2.4 (a) (3)**

**Item 39.1:**

This facility is required to submit an annual emission statement electronically and these emissions statements must be submitted to the department as per the following schedule:

(i) March 15th of each year for facilities with three or fewer processes listed in their Title V permit:

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- (ii) March 31st of each year for facilities with four to six processes listed in their Title V permit:
- (iii) April 15th of each year for facilities with 7 to 12 processes listed in their Title V permit:
- (iv) April 30th of each year for facilities with 13 or more processes listed in their Title V permit.

**Condition 40: Visible Emissions Limited**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 40.1:**

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

**Condition 41: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 212-1.6 (a)**

**Item 41.1:**

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

Emission Unit: U-00003 Process: P04	Emission Source: C0012
Emission Unit: U-00003 Process: P04	Emission Source: C0013
Emission Unit: U-00003 Process: P04	Emission Source: C0014
Emission Unit: U-00003 Process: P04	Emission Source: C0015
Emission Unit: U-00003 Process: P04	Emission Source: C0300
Emission Unit: U-00006 Process: P08	Emission Source: C0603
Emission Unit: U-00006 Process: P08	Emission Source: C0604

**Item 41.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Visible emissions from the log dryers (Emission Sources C0012, C0013, C0014, C0015, C0300, C0603, and C0604) are limited to 20 percent (%) opacity in accordance with 6 NYCRR 212-1.6(a). In addition to the periodic visible emissions monitoring specified elsewhere this permit, to demonstrate compliance with this limit oil mist eliminator emission control devices have been installed voluntarily as a precautionary measure to assure compliance with the standard. These control devices are intended for use on an as-needed basis, and will be used at the facility's discretion to address any indication of increased levels of opacity resulting from drying operations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 42: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 212-1.6 (a)**

**Item 42.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001	Emission Point: E0002
Emission Unit: U-00001	Emission Point: E0004
Emission Unit: U-00001	Emission Point: E0007
Emission Unit: U-00001	Emission Point: E0008
Emission Unit: U-00001	Emission Point: E0025
Emission Unit: U-00003	Emission Point: E0012
Emission Unit: U-00003	Emission Point: E0013
Emission Unit: U-00003	Emission Point: E0014
Emission Unit: U-00003	Emission Point: E0015
Emission Unit: U-00003	Emission Point: E0300

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Emission Unit: U-00004	Emission Point: E0019
Emission Unit: U-00004	Emission Point: E0020
Emission Unit: U-00004	Emission Point: E0021
Emission Unit: U-00004	Emission Point: E0022
Emission Unit: U-00004	Emission Point: E023A
Emission Unit: U-00004	Emission Point: E023B
Emission Unit: U-00004	Emission Point: E023C
Emission Unit: U-00004	Emission Point: E023D
Emission Unit: U-00004	Emission Point: E024A
Emission Unit: U-00006	Emission Point: E0603
Emission Unit: U-00006	Emission Point: E0604
Emission Unit: U-00006	Emission Point: E0606
Emission Unit: U-00006	Emission Point: E0608
Emission Unit: U-00006	Emission Point: E0610
Emission Unit: U-00006	Emission Point: E0611
Emission Unit: U-00006	Emission Point: E620A
Emission Unit: U-00006	Emission Point: E620B
Emission Unit: U-00006	Emission Point: E620C
Emission Unit: U-00006	Emission Point: E621A
Emission Unit: U-00006	Emission Point: E621B
Emission Unit: U-00006	Emission Point: E621C
Emission Unit: U-00007	Emission Point: E0701

**Item 42.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20

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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 an EPA Reference Test Method 9 opacity evaluation at any time during facility operation.

The facility owner or operator shall conduct semi-annual visible emissions observation of all emission points specified by this condition while the process is in operation. The facility owner or operator will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard specified below.

The facility owner or operator shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the limit specified (except the emission of uncombined water) are observed, the facility owner or operator will notify the Department of the observations within one business day. The facility owner or operator will also perform an EPA Reference Test Method 9 opacity evaluation analysis of the affected emission point and submit the results to the Department.

Records of the visible emissions observations, any follow-up Method 9 observations, investigations, and corrective actions taken are to be maintained on site for a period of at least five years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

All records kept pursuant to this condition must be provided to the Department upon request.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: EPA Method 9  
Monitoring Frequency: SEMI-ANNUALLY  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2024.  
Subsequent reports are due every 6 calendar month(s).

**Condition 43: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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**Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)**

**Item 43.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001	Emission Point: E0002
Emission Unit: U-00001	Emission Point: E0004
Emission Unit: U-00001	Emission Point: E0007
Emission Unit: U-00001	Emission Point: E0008
Emission Unit: U-00001	Emission Point: E0025
Emission Unit: U-00004	Emission Point: E0019
Emission Unit: U-00004	Emission Point: E0020
Emission Unit: U-00004	Emission Point: E0021
Emission Unit: U-00004	Emission Point: E0022
Emission Unit: U-00004	Emission Point: E023A
Emission Unit: U-00004	Emission Point: E023B
Emission Unit: U-00004	Emission Point: E023C
Emission Unit: U-00004	Emission Point: E023D
Emission Unit: U-00004	Emission Point: E024A
Emission Unit: U-00006	Emission Point: E620A
Emission Unit: U-00006	Emission Point: E620B
Emission Unit: U-00006	Emission Point: E620C
Emission Unit: U-00006	Emission Point: E621A
Emission Unit: U-00006	Emission Point: E621B
Emission Unit: U-00006	Emission Point: E621C
Emission Unit: U-00007	Emission Point: E0701

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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## DEVICE PARAMETERS AS SURROGATE

## Monitoring Description:

Emissions of solid particulates from process sources subject to 6 NYCRR 212-2.4(b) 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.

To demonstrate compliance with this limit, the facility owner or operator will conduct compliance verifications at the monitoring frequency stated below. These verifications will consist of a review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The facility owner or operator will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the facility owner or operator will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected. The Department reserves the right to perform or require the facility owner or operator to perform a Method 5 stack test at any time.

Records of verifications, investigations and corrective actions will be kept on-site for at least five years and made available to the Department upon request. Should the Department determine that the recordkeeping format is inadequate to demonstrate compliance with this condition, the Department shall provide written notice stating the inadequacies, and the facility owner or operator shall have 90 days to revise its prospective recordkeeping format in a manner acceptable to the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Monitoring Frequency: SEMI-ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.





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RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 45: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)**

**Item 45.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001  
Process: P02

Emission Point: E0004  
Emission Source: C0004

Emission Unit: U-00001  
Process: P02

Emission Point: E0008  
Emission Source: C0008

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

**Item 45.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To meet the 6 NYCRR Part 212-2.4(b) particulate limit of 0.05 grain/dscf, when Emission Source S0008 is operational, the pressure drop across the dust collectors (Control Device No. C0004 and C0008) must be maintained between 0.1 and 12 inches of water.

To demonstrate compliance with this requirement, the facility owner must monitor and record the pressure drop on a weekly basis. If the pressure drop recorded during normal operation is outside of this range, the facility owner or operator must inspect the dust collector and initiate corrective action as necessary. This pressure drop range shall not apply during periods of start-up following filter replacement.

Records of pressure drop readings and maintenance must be maintained on-site for a period of five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 0.1 inches of water

Upper Permit Limit: 12 inches of water

Monitoring Frequency: WEEKLY

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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 1/30/2024.

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

**Condition 46: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (d)**

**Item 46.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 47: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 227-1.4 (a)**

**Item 47.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

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Emission Unit: U-00005  
Process: P07

Emission Unit: U-00006  
Process: P10

**Item 47.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a stationary combustion installation subject to this Subpart shall operate an emission source which exhibits greater than 20 percent opacity (based on a six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The owner or operator will conduct a Method 9 test annually. A report of the results of the test will be submitted to the Department within 30 days of the completion of the Method 9 test. All records generated by the permittee must be maintained at the facility or at an alternative location approved by the Department for a minimum of five years.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60, Appendix A, Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 48: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 48.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00005  
Process: P07

Emission Unit: U-00006  
Process: P10

Regulated Contaminant(s):

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

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**Item 48.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

Subsequent reports are due every 12 calendar month(s).

**Condition 49: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 49.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00002

Emission Point: E0009

Emission Unit: U-00002

Emission Point: E0010

Emission Unit: U-00002

Emission Point: E0011

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. To demonstrate compliance with this requirement, the facility owner or operator must visually inspect the conservation vent on an annual basis to ensure proper operation.

Inspection records must be maintained on site for a period of five years and made available to the Department upon request. Records must contain the date(s) of all inspections, inspection findings, and a listing of any equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: VOC

Upper Permit Limit: 0.0004 pounds of VOC per pound of solids

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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 1/30/2024.

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

**Condition 51: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 231-2.5**

**Item 51.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Process: P04

Emission Source: S0012

Emission Unit: U-00003

Process: P04

Emission Source: S0013

Emission Unit: U-00003

Process: P04

Emission Source: S0014

Emission Unit: U-00003

Process: P04

Emission Source: S0015

Emission Unit: U-00003

Process: P04

Emission Source: S0300

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

To meet the requirements of 6 NYCRR Part 231-2.5 for LAER, VOC emissions from the U-00003 log dryers(Emission Sources S0012, S0013, S0014, S0015, and S0030) are limited to 5.6 lbs VOC/hour total.

To demonstrate compliance with this limit, the facility

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owner or operator must conducted a stack test on two representative log dryers once during the term of this permit. Testing will be conducted using EPA Method 25A or an alternative acceptable In accordance with 6 NYCRR 202-1, a stack test protocol must be submitted to the Department at least 30 days prior to conducting the stack test. A stack test report must be submitted to the Department in triplicate within 60 days of completing the test.

Records of completed stack tests and test protocols must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: VOC

Upper Permit Limit: 5.6 pounds per hour

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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 1/30/2024.

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

**Condition 52: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 231-2.9**

**Item 52.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to comply with the emission offset requirements of 6 NYCRR Part 231-2.9, the facility has obtained 140 tpy of VOC Emission Reduction Credits (ERC) from LTV Steel Company, Inc. - Pittsburgh Works, Pittsburgh, Pennsylvania. The 140 tpy ERC is based on the facility-wide VOC emissions of 122 tpy at the time of the Air State Facility Mod 0 Permit issuance and the offset ratio of 1:1.15.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**Condition 53: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 53.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007664-39-3      HYDROGEN FLUORIDE

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To ensure compliance with the 6 NYCRR 257-4 ambient fluorine standards, the facility owner or operator must operate and maintain the Tunnel Kiln 3 and 4 dry HF scrubbers (Emission Controls C620B and C621B) consistent with good engineering practice, and in accordance with manufacturer's recommendations.

An adequate amount of limestone shall be maintained in the limestone hopper, storage bin, and the scrubber at all times. The facility owner or operator must maintain limestone above the level of the cascade section of the scrubber to ensure performance that is consistent with that demonstrated during the performance test. If a low level alarm is detected in the silo, the facility shall procure additional limestone in a timeframe that assures that sufficient scrubbing media is available to maintain the level above the cascades. The limestone feeder setting must be maintained at or above the level established during the latest performance test. The grade of the limestone used shall be the same as was used during the performance test.

The facility owner or operator must keep records of the grade of limestone, limestone feeder setting, any low level alarms and equipment maintenance. Records shall be maintained on site for five years and made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 54: Compliance Certification**



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Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 54.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D
Emission Unit: U-00006 Process: P10	Emission Source: S0630
Regulated Contaminant(s): CAS No: 0NY210-00-0	OXIDES OF NITROGEN

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

In order to comply with the 6 NYCRR Part 231-6.5 NO<sub>x</sub> LAER requirements for the emergency generators and other small combustion sources, each of the emergency generators (Emission Sources S031A, S031B, S031C, S031D, S0032, S0033, S0035, S0037, S0103, and S0630) is limited to a 500 hours of operation per year, on a 12-month rolling

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basis.

To demonstrate compliance with this limit, the facility must record the hours of operation monthly and incorporate into a 12-month rolling total. Please note that as specified elsewhere in this permit, hours of operation for the above engines for testing is limited to 100 hours per year. Operation hours records must specify the number of hours used for emergency operation, non-emergency operation, and testing and maintenance.

Records of operation hours must be kept on site for five years and made available to the Department upon request.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 55: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 55.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00004                      Emission Point: E0019

Emission Unit: U-00004                      Emission Point: E0020

Emission Unit: U-00004                      Emission Point: E0021

Emission Unit: U-00004                      Emission Point: E0022

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

**Item 55.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In accordance with LAER requirements under 6 NYCRR Part 231-6.5, NOx emissions from the periodic kilns (EP E0019, E0020, E0021, E0022) are each limited to a maximum of 5.61

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pounds NOx per hour. Notwithstanding the maximum hourly limit above, any periodic kiln may emit up to 8.42 pounds per hour of NOx provided the total NOx emissions from the periodic kilns does not exceed the combined emissions limit specified elsewhere in this permit.

Compliance with this emission limit will be demonstrated through the following:

1. Adhering to the monitoring and control periods in the Control Period Matrix for each kiln cycle as determined during the latest stack testing.
2. Monitoring and recording the quantity of natural gas-fired by the kiln and control equipment for each cycle.
3. Monitoring and operating control equipment in accordance with the facility Compliance Assurance Monitoring plan.
4. Limiting periodic kiln operation such that only three periodic kilns are in the debind process simultaneously.

Records used to demonstrate compliance must be maintained in accordance with the Control Period Matrix and kept on-site for a period of at least five years. Records shall be made available to the Department upon request.

Parameter Monitored: OXIDES OF NITROGEN  
 Upper Permit Limit: 5.61 pounds per hour  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: 1-HOUR AVERAGE  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 56: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 56.1:**

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

Emission Unit: U-00004                      Emission Point: E023B

Emission Unit: U-00006                      Emission Point: E620B

Emission Unit: U-00006                      Emission Point: E621B

Regulated Contaminant(s):

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

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

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In accordance with LAER requirements under 6 NYCRR Part 231-6.5, NO<sub>x</sub> emissions from the tunnel kilns (DT 1-4) are each limited to a maximum of 4.89 pounds NO<sub>x</sub> per hour from POC2 zones and thermal oxidizers (EP E023B, E620B, E621B).

Compliance with this emission limit will be demonstrated through confirmatory stack testing on two representative tunnel kilns once every five years. Testing must be conducted using EPA Method 7E or another method acceptable to the Department. Per 6 NYCRR 202-1, a stack test protocol must be submitted to the Department at least 30 days prior to conducting the test. A stack test report must be submitted to the Department in triplicate within 60 days of completing the test.

Additionally, the facility must adhere to the monitoring and control periods in the Control Period Matrix for each kiln cycle as determined during the latest stack testing. Control equipment must be monitored and operated in accordance with the facility Compliance Assurance Monitoring plan.

Copies of completed testing, supporting documentation, and any records used to demonstrate compliance in accordance with the Control Period Matrix must be maintained on-site for a period of at least five years. Records must be made available to the Department upon request.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 4.89 pounds per hour

Reference Test Method: EPA Method 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 57: Compliance Certification****Effective between the dates of 10/10/2023 and 10/09/2028****Applicable Federal Requirement: 6 NYCRR 231-6.5**

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

**Item 57.1:**

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

Emission Unit: U-00004                      Emission Point: E0019

Emission Unit: U-00004                      Emission Point: E0020

Emission Unit: U-00004                      Emission Point: E0021

Emission Unit: U-00004                      Emission Point: E0022

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

**Item 57.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In accordance with LAER requirements under 6 NYCRR Part 231-6.5, NOx emissions from the periodic kilns (EP E0019, E0020, E0021, E0022) are each limited to a maximum of 194.2 pounds NOx per million cubic feet of natural gas combusted during each periodic kiln cycle.

Compliance with this emission limit will be demonstrated through the following:

1. Adhering to the monitoring and control periods in the Control Period Matrix for each kiln cycle as determined during the latest stack testing.
2. Monitoring and recording the quantity of natural gas-fired by the kiln and control equipment for each cycle.
3. Monitoring and operating control equipment in accordance with the facility Compliance Assurance Monitoring plan.

Records used to demonstrate compliance must be maintained in accordance with the Control Period Matrix and kept on-site for a period of at least five years. Records shall be made available to the Department upon request.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 194.2 pounds per million cubic feet

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 5  
MINUTES

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 58: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 58.1:**

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

Emission Unit: U-00004                      Emission Point: E0019

Emission Unit: U-00004                      Emission Point: E0020

Emission Unit: U-00004                      Emission Point: E0021

Emission Unit: U-00004                      Emission Point: E0022

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

**Item 58.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In accordance with LAER requirements under 6 NYCRR Part 231-6.5, total NOx emissions from the periodic kilns (EP E0019, E0020, E0021, E0022) is limited to a maximum of 22.4 pounds NOx per hour.

Compliance with this emission limit will be demonstrated through the following:

1. Adhering to the monitoring and control periods in the Control Period Matrix for each kiln cycle as determined during the latest stack testing.
2. Monitoring and recording the quantity of natural gas-fired by the kiln and control equipment for each cycle.
3. Monitoring and operating control equipment in accordance with the facility Compliance Assurance Monitoring plan.
4. Limiting periodic kiln operation such that only three periodic kilns are in the debind process simultaneously.

Records used to demonstrate compliance must be maintained in accordance with the Control Period Matrix and kept on-site for a period of at least five years. Records shall be made available to the Department upon request.

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Facility DEC ID: 8464200108

Parameter Monitored: OXIDES OF NITROGEN  
 Upper Permit Limit: 22.4 pounds per hour  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: 1-HOUR AVERAGE  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 59: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 59.1:**

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

Emission Unit: U-00004	Emission Point: E023D
Emission Unit: U-00004	Emission Point: E024D
Emission Unit: U-00006	Emission Point: E620C
Emission Unit: U-00006	Emission Point: E621C
Regulated Contaminant(s):	
CAS No: 0NY210-00-0	OXIDES OF NITROGEN

**Item 59.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In accordance with LAER requirements under 6 NYCRR Part 231-6.5, NOx emissions from the tunnel kilns (DT 1-4) are each limited to a maximum of 1.18 pounds NOx per hour from Ware Cool zones for each tunnel kiln (EP E023D, E024D, E620C, E621C).

Compliance with this emission limit will be demonstrated through confirmatory stack testing on two representative tunnel kilns once every five years. Testing must be conducted using EPA Method 7E or another method acceptable to the Department. Per 6 NYCRR 202-1, a stack test protocol must be submitted to the Department at least 30 days prior to conducting the test. A stack test report must be submitted to the Department in triplicate within 60 days of completing the test.

Additionally, the facility must adhere to the monitoring







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Facility DEC ID: 8464200108

Process: P07 Emission Source: S031D

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

Emission Unit: U-00006  
Process: P10 Emission Source: S0631

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

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to comply with the 6 NYCRR Part 231-6.5 NOx LAER requirements for the emergency generators and other small combustion sources, maintenance and testing for the emergency generators (Emission Sources S031A, S031B, S031C, S031D, S0032, S0033, S0035, S0037, S0103, S0630, and S0631) will be completed as follows:

1. Regular engine testing shall be performed no more than once per month per engine under normal circumstances, and each test will be conducted for the duration recommended by the engine manufacturer.
2. As an exception to the once per month engine test limitation, those smaller engines associated with fire suppression and life safety (Emission Sources S0035 and S0037) will be tested consistent with manufacturer’s recommendations approximately once per week.
3. There shall be no simultaneous testing of the emergency generators.

Please note that the hours of operation for testing of the emergency generators is limited to 100 hours per year as specified elsewhere in this permit.

To demonstrate compliance with this requirement, the facility owner or operator must keep records of conducted maintenance and testing and comply with engine hours tracking required elsewhere in this permit. Records of maintenance and testing must be kept on-site for five years and made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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Facility DEC ID: 8464200108

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

**Condition 62: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 62.1:**

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

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D
Emission Unit: U-00006 Process: P10	Emission Source: S0630
Regulated Contaminant(s): CAS No: 0NY210-00-0	OXIDES OF NITROGEN

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

In order to comply with the 6 NYCRR Part 231-6.5 NO<sub>x</sub> LAER requirements for the emergency generators and other small combustion sources, each of the emergency generators

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(Emission Sources S031A, S031B, S031C, S031D, S0032, S0033, S0035, S0037, S0103, and S0630) is limited to a 500 hours of operation per year, on a 12-month rolling basis.

To demonstrate compliance with this limit, the facility must record the hours of operation monthly and incorporate into a 12-month rolling total. Please note that as specified elsewhere in this permit, hours of operation for the above engines for testing is limited to 100 hours per year. Operation hours records must specify the number of hours used for emergency operation, non-emergency operation, and testing and maintenance.

Records of operation hours must be kept on site for five years and made available to the Department upon request.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 63: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 63.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00004                      Emission Point: E023D

Emission Unit: U-00004                      Emission Point: E024D

Emission Unit: U-00006                      Emission Point: E620C

Emission Unit: U-00006                      Emission Point: E621C

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

**Item 63.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In accordance with LAER requirements under 6 NYCRR Part

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231-6.5, NOx emissions from the tunnel kilns (DT 1-4) are each limited to a maximum of 2.28 pounds NOx per hour from POC1 zones and thermal oxidizers (EP E023A, E024A, E620A, E621A).

Compliance with this emission limit will be demonstrated through confirmatory stack testing on two representative tunnel kilns once every five years. Testing must be conducted using EPA Method 7E or another method acceptable to the Department. Per 6 NYCRR 202-1, a stack test protocol must be submitted to the Department at least 30 days prior to conducting the test. A stack test report must be submitted to the Department in triplicate within 60 days of completing the test.

Additionally, the facility must adhere to the monitoring and control periods in the Control Period Matrix for each kiln cycle as determined during the latest stack testing. Control equipment must be monitored and operated in accordance with the facility Compliance Assurance Monitoring plan.

Copies of completed testing, supporting documentation, and any records used to demonstrate compliance in accordance with the Control Period Matrix must be maintained on-site for a period of at least five years. Records must be made available to the Department upon request.

Parameter Monitored: OXIDES OF NITROGEN  
 Upper Permit Limit: 2.28 pounds per hour  
 Reference Test Method: EPA Method 7E  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: 1-HOUR AVERAGE  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 64: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.5**

**Item 64.1:**  
 The Compliance Certification activity will be performed for the Facility.

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

**Item 64.2:**  
 Compliance Certification shall include the following monitoring:

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

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

Monitoring Description:

In order to comply with LAER under 6 NYCRR Part 231-6.5, NOx emissions from the facility (Emission Units U-00001 through U-00007) are limited to 247.7 tons per year on a 12-month rolling basis.

To demonstrate compliance with this limit, the facility owner or operator must calculate 12-month rolling facility NOx emissions on a monthly basis. NOx emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for VOC emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 247.7 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 65: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-6.6**

**Item 65.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to comply with the emission offset requirements of 6 NYCRR 231-6.6, the owner or operator obtained 300 tpy of NOx Emission Reduction Credits (ERCs) from Corning Inc. Asahi Video Products Company, College Township, Centre

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County, Pennsylvania for as part of the Diesel Capacity Improvement Project (Ren 0 Mod 3 of the Air Title V permit.) The NOx ERCs required for the project was 181.47 tpy based on the project Net Emission Increase of 157.8 tpy NOx and the offset ratio of 1:1.15. The remaining unused 118.53 tpy NOx ERCs were retired from the New York registry.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 66: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 66.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001 Process: P01	Emission Source: S0003
Emission Unit: U-00001 Process: P02	Emission Source: S0005
Emission Unit: U-00001 Process: P02	Emission Source: S0006
Emission Unit: U-00001 Process: P02	Emission Source: S0007
Emission Unit: U-00001 Process: P02	Emission Source: S0008
Emission Unit: U-00002 Process: P03	Emission Source: S0009
Emission Unit: U-00002 Process: P03	Emission Source: S0010
Emission Unit: U-00002 Process: P03	Emission Source: S0011
Emission Unit: U-00003 Process: P04	Emission Source: S0012

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Emission Unit: U-00003 Process: P04	Emission Source: S0013
Emission Unit: U-00003 Process: P04	Emission Source: S0014
Emission Unit: U-00003 Process: P04	Emission Source: S0015
Emission Unit: U-00004 Process: P05	Emission Source: S0019
Emission Unit: U-00004 Process: P05	Emission Source: S0020
Emission Unit: U-00004 Process: P05	Emission Source: S0021
Emission Unit: U-00004 Process: P05	Emission Source: S0022
Emission Unit: U-00004 Process: P05	Emission Source: S0023
Emission Unit: U-00004 Process: P05	Emission Source: S0024
Emission Unit: U-00005 Process: P07	
Emission Unit: U-00006 Process: P09	Emission Source: S0620
Emission Unit: U-00006 Process: P10	Emission Source: S0630

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For a modification with a project emission potential which is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, but equals or exceeds 50 percent of the applicable significant project threshold when emissions excluded in accordance with clause 231-4.1(b)(41)(i)(c) of this Part are added and is less than the applicable significant project threshold, or for a modification with a project emission potential which equals or exceeds 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of



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Subpart 231-13 of this Part and is less than the applicable significant project threshold, the facility owner or operator must submit an application to modify the facility permit under the minor permit provisions of Subpart 201-6 of this Title or obtain a preconstruction permit under the provisions of Subpart 201-6 of this Title, and must:

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

(i) a description of the modification.

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

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

(iv) the date the modification commenced operation.

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

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

Subsequent reports are due every 12 calendar month(s).

**Condition 67: Applicability of Subpart A General Provisions  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart A**

**Item 67.1:**

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

**Condition 68: Compliance Certification  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.4205(b), NSPS Subpart III**

**Item 68.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00006

Process: P10

Emission Source: S0630

Emission Unit: U-00006

Process: P10

Emission Source: S0631

**Item 68.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a 2007 model year or later emergency stationary compression ignition (CI) internal combustion engine with a maximum engine power less than or equal to 2,237 kW (3,000 HP) that is not a fire pump engine and has a displacement of less than 10 liters/cylinder will require certification to the following emission standards:

1. For engines with a maximum engine power less than 37 kW (50 HP):
  - 2007 model year engines - emission standards specified in 40 CFR 89.112 and 40CFR 89.113, as applicable,
  - 2008 model year and later - emission standards specified in 40 CFR 1039.104, 40 CFR 1039.105, 40 CFR 1039.107, and 40 CFR 1039.115, as applicable.

2. For engines with a maximum engine power greater than

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or equal to 37 kW (50 HP):  
 - 2007 model year and later - emission standards specified in 40 CFR 89.112 and 40CFR 89.113, as applicable, for all pollutants, for the same model year and maximum engine power.

Compliance with this requirement will be established by purchasing an engine certified to the applicable emission standard referenced above and installed and configured according to the manufacturer's specifications. Records documenting these actions must be kept on-site.

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 1/30/2024.

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

**Condition 69: Duration of emission standards for new stationary compression ignition IC engines**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.4206, NSPS Subpart IIII**

**Item 69.1:**

This Condition applies to:

Emission Unit: U00006	Emission Point: E0601
Process: P10	Emission Source: S0630

Emission Unit: U00006	Emission Point: E0601
Process: P10	Emission Source: S0631

**Item 69.2:**

Owners and operators of stationary combustion ignition internal combustion engine (CI ICE) must operate and maintain the stationary CI ICE that achieve the emission standards as required in §§60.4204 and 60.4205 over the entire life of the engine.

**Condition 70: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.4209(a), NSPS Subpart IIII**

**Item 70.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 70.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

The owner or operator of an emergency stationary CI internal combustion engine that does not meet the standards applicable to non-emergency engines must install a non-resettable hour meter prior to startup of the engine.

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 1/30/2024.

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

**Condition 71: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 60.4211(a), NSPS Subpart IIII**

**Item 71.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00006

Process: P10

Emission Source: S0630

Emission Unit: U-00006

Process: P10

Emission Source: S0631

**Item 71.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary CI internal combustion engine must comply with the emission standards specified in 40 CFR 60 Subpart IIII and must do all of the following:

- (1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;
- (2) Change only those emission-related settings that are permitted by the manufacturer; and
- (3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to the facility

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 72: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 60.4211(c), NSPS Subpart IIII**

**Item 72.1:**

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

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

Emission Unit: U-00006  
 Process: P10 Emission Source: S0631

**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in §60.4204(b) or §60.4205(b), or if you are an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 to this subpart and must comply with the emission standards specified in §60.4205(c), must comply by purchasing an engine certified to the emission standards in §60.4204(b), or §60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power.

The engine must be installed and configured according to the manufacturer's specifications.

The manufacturer's certification of compliance with the emission standards specified in 40 CFR 60 Subpart IIII for major pollutants will be sent to the Department prior to commencement of operation of the engines.

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 1/30/2024.

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

**Condition 73: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**



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(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 50 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 74: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 60.4211(f), NSPS Subpart IIII**

**Item 74.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00006

Process: P10

Emission Source: S0630

Emission Unit: U-00006

Process: P10

Emission Source: S0631

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Emergency stationary ICE may be operated for any combination of the purposes specified in paragraphs (i) through (iii) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 40 CFR 60.4211(f)(3) counts as part of the 100 hours per calendar year. There is no time limit on the use of emergency stationary ICE in emergency

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situations.

(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(ii) Emergency stationary ICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see 40 CFR 60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP- 002-3.

(iii) Emergency stationary ICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 100 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 75: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.4214(b), NSPS Subpart IIII**

**Item 75.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00006

Process: P10

Emission Source: S0630



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Emission Unit: U-00006  
 Process: P10

Emission Source: S0631

**Item 75.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For stationary CI internal combustion engines that are emergency stationary internal combustion engines, the owner or operator is not required to submit an initial notification.

Starting with the model years in table 5 to this subpart, if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter.

The owner must record the time of operation of the engine and the reason the engine was in operation during that time.

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 1/30/2024.

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

**Condition 76: General Provisions**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.4218, NSPS Subpart III**

**Item 76.1:**

This Condition applies to:

Emission Unit: U00006  
 Process: P10

Emission Point: E0610  
 Emission Source: S0630

Emission Unit: U00006  
 Process: P10

Emission Point: E0610  
 Emission Source: S0631

**Item 76.2:**

Table 8 of Subpart III shows which parts of the general provisions in §§60.1-60.19 (Subpart A) apply to any facility that is subject to 40 CFR 60, Subpart III.

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**Condition 77: Compliance Certification**  
Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement:40CFR 60.670(a)(1), NSPS Subpart OOO**

**Item 77.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 77.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except as provided in paragraphs (a)(2), (b), (c), and (d) of 40 CFR 60.670, the provisions of Subpart OOO are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station.

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 1/30/2024.

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

**Condition 78: Compliance Certification**  
Effective between the dates of 10/10/2023 and 10/09/2028

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

**Item 78.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001                      Emission Point: E0003

Emission Unit: U-00001                      Emission Point: E0005

Emission Unit: U-00001                      Emission Point: E0006

**Item 78.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity from Emission Points E0003, E0005 and E0006 is limited to 7 percent (%) opacity in accordance with 40 CFR

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60.672(a).

To demonstrate compliance with this limit, the facility owner or operator must conduct semiannual visible emissions observations while the process is in operation. If visible emissions above those that are normal (this may be 0% opacity for many or all emission sources) and in compliance with 7% opacity limit are detected, the owner or operator will determine the cause, take corrective actions, 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 owner or operator will immediately notify The Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of visible emissions observations, deviations, investigations and corrective actions, and any follow-up Method 9 assessments must be kept on-site in a format acceptable to the Department and made available upon request.

Parameter Monitored: OPACITY  
 Upper Permit Limit: 7 percent  
 Monitoring Frequency: SEMI-ANNUALLY  
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 79: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 79.1:**

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

Emission Unit: U-00001	Emission Point: E0005
Process: P02	Emission Source: C0005
Emission Unit: U-00001	Emission Point: E0006
Process: P02	Emission Source: C0006

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

**Item 79.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In order to demonstrate compliance with the 40 CFR 60.672(a) particulate limit of 0.022 grain/dscf, when Emission Sources S0005 and S0006 are operational, the pressure drop across the dust collectors (Control Devices No. C0005 and C0006) must be maintained between 0.2 and 7.5 inches of water. The facility must monitor and record the pressure drop for each control device on a weekly basis. 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, the facility owner or operator will inspect the dust collector and initiate corrective action as necessary. Records of pressure drop readings, deviations, corrective actions, and maintenance must be kept on site for five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 0.2 inches of water

Upper Permit Limit: 7.5 inches of water

Monitoring Frequency: WEEKLY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 80: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 60.672(e)(1), NSPS Subpart OOO**

**Item 80.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00006

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 80.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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If any transfer point on a conveyor belt or any other affected facility is enclosed in a building, then fugitive emissions from the building openings must not exceed 7 percent opacity.

Upper Permit Limit: 7 percent  
 Reference Test Method: 40CFR60 Appendix A Methods  
 Monitoring Frequency: SINGLE OCCURRENCE  
 Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
 SEE MONITORING DESCRIPTION  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 81: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 81.1:**  
 The Compliance Certification activity will be performed for the facility:  
 The Compliance Certification applies to:

Emission Unit: U-00006                      Emission Point: E0601

Emission Unit: U-00006                      Emission Point: E0602

**Item 81.2:**  
 Compliance Certification shall include the following monitoring:

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

Monitoring Description:  
 Except as specified in paragraph (d) or (e) of 40 CFR 60.674, the owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections using EPA Method 22 (40 CFR Part 60, Appendix A-7).

The Method 22 test must be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation.

The owner or operator must record each Method 22 test, including the date and any corrective actions taken, in the logbook required under §60.676(b). The owner or operator of the affected facility may establish a

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different baghouse-specific success level for the visible emissions test (other than no visible emissions) by conducting a PM performance test according to §60.675(b) simultaneously with a Method 22 test to determine what constitutes normal visible emissions from that affected facility's baghouse when it is in compliance with the applicable PM concentration limit in Table 2 of this subpart. The revised visible emissions success level must be incorporated into the permit for the affected facility.

Parameter Monitored: OPACITY  
 Upper Permit Limit: 0 percent  
 Reference Test Method: EPA Method 22  
 Monitoring Frequency: QUARTERLY  
 Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 82: Test methods and procedures**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.675, NSPS Subpart OOO**

**Item 82.1:**  
 The owner or operator shall determine initial compliance using the test methods and procedures as required in section 40 CFR 60-000.675 and 40 CFR 60 Appendix A.

**Condition 83: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 83.1:**  
 The Compliance Certification activity will be performed for the facility:  
 The Compliance Certification applies to:

- Emission Unit: U-00006                      Emission Point: E0601
- Emission Unit: U-00006                      Emission Point: E0602

**Item 83.2:**  
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
 Monitoring Description:

Owners or operators of affected facilities for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic

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inspection required under 40CFR60.674(b) or (c), including dates and any corrective actions taken, in a logbook ( in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested ) of the logbook available to the Administrator upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 84: Subpart 60.7(a)(1) requirement waived  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.676(h), NSPS Subpart OOO**

**Item 84.1:**

The subpart A requirement under §60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

**Condition 85: Stationary RICE subject to Regulations under 40 CFR Part 60  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.6590(c), Subpart ZZZZ**

**Item 85.1:**

This Condition applies to:

Emission Unit: U00006	Emission Point: E620A
Process: P10	Emission Source: S0630

Emission Unit: U00006	Emission Point: E620A
Process: P10	Emission Source: S0631

**Item 85.2:**

An affected source that meets any of the criteria listed below must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under this part.

- new or reconstructed stationary RICE located at an area source,
- new or reconstructed 2SLB stationary RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions,
- new or reconstructed 4SLB stationary RICE with a site rating of less than 250 brake horsepower located at a major source of HAP emissions,
- new or reconstructed spark ignition 4 stroke rich burn (4SRB) stationary RICE with a site





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- (1) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (2) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- (3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 87: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6603(a), Subpart ZZZZ**

**Item 87.1:**

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

Emission Unit: U-00005

Process: P07

Emission Source: S0103

**Item 87.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing emergency and black start spark ignition stationary RICE located at an area source of HAP emissions must comply with the following maintenance procedures:

- (1) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (2) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- (3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

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Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 88: Compliance required at all times  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6605(a), Subpart ZZZZ**

**Item 88.1:**

This Condition applies to:

- Emission Unit: U00005  
Process: P07                      Emission Source: S0032
- Emission Unit: U00005  
Process: P07                      Emission Source: S0033
- Emission Unit: U00005  
Process: P07                      Emission Source: S0035
- Emission Unit: U00005  
Process: P07                      Emission Source: S0037
- Emission Unit: U00005  
Process: P07                      Emission Source: S0103
- Emission Unit: U00005  
Process: P07                      Emission Source: S031A
- Emission Unit: U00005  
Process: P07                      Emission Source: S031B
- Emission Unit: U00005  
Process: P07                      Emission Source: S031C
- Emission Unit: U00005  
Process: P07                      Emission Source: S031D

**Item 88.2:**

Facility must be in compliance with the emission limitations and operating limitations in 40 CFR

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63 Subpart ZZZZ that apply to them at all times.

**Condition 89: Operate and maintain air pollution control and monitoring equipment consistent with good engineering practices Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.6605(b), Subpart ZZZZ**

**Item 89.1:**

This Condition applies to:

- Emission Unit: U00005  
Process: P07                      Emission Source: S0032
- Emission Unit: U00005  
Process: P07                      Emission Source: S0033
- Emission Unit: U00005  
Process: P07                      Emission Source: S0035
- Emission Unit: U00005  
Process: P07                      Emission Source: S0037
- Emission Unit: U00005  
Process: P07                      Emission Source: S0103
- Emission Unit: U00005  
Process: P07                      Emission Source: S031A
- Emission Unit: U00005  
Process: P07                      Emission Source: S031B
- Emission Unit: U00005  
Process: P07                      Emission Source: S031C
- Emission Unit: U00005  
Process: P07                      Emission Source: S031D

**Item 89.2:**

Facility must operate and maintain its stationary RICE, including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.

**Condition 90: Compliance Certification Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.6625(e), Subpart ZZZZ**

**Item 90.1:**

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

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Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D

**Item 90.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any of the following stationary RICE must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

- (1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions;
- (2) An existing emergency or black start stationary RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions;
- (3) An existing emergency or black start stationary RICE

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located at an area source of HAP emissions;

(4) An existing non-emergency, non-black start stationary compression ignition RICE with a site rating less than or equal to 300 brake horsepower located at an area source of HAP emissions;

(5) An existing non-emergency, non-black start 2 stroke lean burn stationary RICE located at an area source of HAP emissions;

(6) An existing non-emergency, non-black start stationary RICE located at an area source of HAP emissions which combusts landfill or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis;

(7) An existing non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;

(8) An existing non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;

(9) An existing, non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year; and

(10) An existing, non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 91: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6625(f), Subpart ZZZZ**

**Item 91.1:**

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

Emission Unit: U-00005

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Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D

**Item 91.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE located at an area source of HAP emissions, must install a non-resettable hour meter if one is not already installed.

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 1/30/2024.

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

**Condition 92: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6625(h), Subpart ZZZZ**

**Item 92.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

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Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D

**Item 92.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

For operation of a new, reconstructed, or existing stationary engine, the engine's time spent at idle must be minimized during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to 40 CFR 63 Subpart ZZZZ apply.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 30 minutes

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER  
OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

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**Condition 93: Compliance Certification**

Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement: 40CFR 63.6625(i), Subpart ZZZZ**

**Item 93.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D

**Item 93.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary CI engine that is subject to the work, operation or management practices in items 1 or 2 of Table 2c to subpart ZZZZ or in items 1 or 4 of Table 2d to subpart ZZZZ has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more



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than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 94: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6625(j), Subpart ZZZZ**

**Item 94.1:**

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

Emission Unit: U-00005

Process: P07

Emission Source: S0103

**Item 94.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary SI engine that is subject to the work, operation or management practices in items 6, 7, or 8 of Table 2c to subpart ZZZZ or in items 5, 6, 7, 9, or 11 of Table 2d to subpart ZZZZ has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when

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new; or percent water content (by volume) is greater than 0.5. If these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 95: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6640(a), Subpart ZZZZ**

**Item 95.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C

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Emission Unit: U-00005

Process: P07

Emission Source: S031D

**Item 95.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A facility complying with the requirement to change oil and filter, inspect spark plugs, and inspect hoses and belts will demonstrate continuous compliance if each of the following is met:

1) operate and maintain the stationary RICE according to the manufacturer’s emission related operation and maintenance instructions; and

2) keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

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 1/30/2024.

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

**Condition 96: Deviations and catalyst changing provisions for lean burn and compression ignition engines  
Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.6640(b), Subpart ZZZZ**

**Item 96.1:**

This Condition applies to:

Emission Unit: U00005

Process: P07

Emission Source: S0032

Emission Unit: U00005

Process: P07

Emission Source: S0033

Emission Unit: U00005

Process: P07

Emission Source: S0035

Emission Unit: U00005

Process: P07

Emission Source: S0037

Emission Unit: U00005

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Process: P07 Emission Source: S0103

Emission Unit: U00005  
Process: P07 Emission Source: S031A

Emission Unit: U00005  
Process: P07 Emission Source: S031B

Emission Unit: U00005  
Process: P07 Emission Source: S031C

Emission Unit: U00005  
Process: P07 Emission Source: S031D

**Item 96.2:**

Facility must report each instance in which it did not meet each emission limitation or operating limitation in Tables 1a, 1b, 2a, 2b, 2c, and 2d of 40 CFR 63 Subpart ZZZZ that apply. These instances are deviations from the emission and operating limitations in 40 CFR 63 Subpart ZZZZ. These deviations must be reported according to the requirements in 40 CFR 63.6650.

If facility changes an oxidation catalyst, it must re-establish the values of the operating parameters measured during the initial performance test. When re-establishing the values of operating parameters, facility must also conduct a performance test, within 180 days of the oxidation catalyst change, to demonstrate that it is meeting the required emission limitation applicable to each stationary RICE. The performance test on the new oxidation catalyst may be scheduled to occur with the next required semi-annual carbon monoxide performance test.

The facility must keep records readily accessible in hard copy or electronic form for at least 5 years after the date of each deviation according to 40 CFR 63.10(b)(1).

**Condition 97: Reporting of non-compliance with NESHAP General Provisions Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6640(e), Subpart ZZZZ**

**Item 97.1:**

This Condition applies to:

Emission Unit: U00005  
Process: P07 Emission Source: S0032

Emission Unit: U00005  
Process: P07 Emission Source: S0033

Emission Unit: U00005  
Process: P07 Emission Source: S0035

Emission Unit: U00005  
Process: P07 Emission Source: S0037

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Emission Unit: U00005  
 Process: P07                      Emission Source: S0103

Emission Unit: U00005  
 Process: P07                      Emission Source: S031A

Emission Unit: U00005  
 Process: P07                      Emission Source: S031B

Emission Unit: U00005  
 Process: P07                      Emission Source: S031C

Emission Unit: U00005  
 Process: P07                      Emission Source: S031D

**Item 97.2:**

Facility must report each instance in which it did not meet the requirements in Table 8 of 40 CFR 63 Subpart ZZZZ (applicable requirements of 40 CFR 63 Subpart A, General Provisions) that apply to them.

**Condition 98: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6640(f), Subpart ZZZZ**

**Item 98.1:**

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

Emission Unit: U-00005  
 Process: P07                      Emission Source: S0032

Emission Unit: U-00005  
 Process: P07                      Emission Source: S0033

Emission Unit: U-00005  
 Process: P07                      Emission Source: S0035

Emission Unit: U-00005  
 Process: P07                      Emission Source: S0037

Emission Unit: U-00005  
 Process: P07                      Emission Source: S0103

Emission Unit: U-00005  
 Process: P07                      Emission Source: S031A

Emission Unit: U-00005  
 Process: P07                      Emission Source: S031B

Emission Unit: U-00005

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Process: P07

Emission Source: S031C

Emission Unit: U-00005

Process: P07

Emission Source: S031D

**Item 98.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE must operate the emergency stationary RICE according to the requirements in 40 CFR 63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in 40 CFR 63.6640(f)(1) through (4), is prohibited. If the owner or operator does not operate the engine according to the requirements in 40 CFR 63.6640(f)(1) through (4), the engine will not be considered an emergency engine under subpart ZZZZ and must meet all requirements for non-emergency engines.

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 1/30/2024.

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

**Condition 99: Compliance Certification**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6655(a), Subpart ZZZZ**

**Item 99.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00005

Process: P07

Emission Source: S0032

Emission Unit: U-00005

Process: P07

Emission Source: S0033

Emission Unit: U-00005

Process: P07

Emission Source: S0035

Emission Unit: U-00005

Process: P07

Emission Source: S0037

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Emission Unit: U-00005  
Process: P07

Emission Source: S0103

Emission Unit: U-00005  
Process: P07

Emission Source: S031A

Emission Unit: U-00005  
Process: P07

Emission Source: S031B

Emission Unit: U-00005  
Process: P07

Emission Source: S031C

Emission Unit: U-00005  
Process: P07

Emission Source: S031D

**Item 99.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must keep the records described in paragraphs (1) through (5).

(1) A copy of each notification and report that the owner or operator submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that he/she submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).

(2) Records of the occurrence and duration of each malfunction of operation ( i.e., process equipment) or the air pollution control and monitoring equipment.

(3) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

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**Condition 100: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6655(d), Subpart ZZZZ**

**Item 100.1:**

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

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D

**Item 100.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies.

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 1/30/2024.

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



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**Condition 101: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6655(e), Subpart ZZZZ**

**Item 101.1:**

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

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A
Emission Unit: U-00005 Process: P07	Emission Source: S031B
Emission Unit: U-00005 Process: P07	Emission Source: S031C
Emission Unit: U-00005 Process: P07	Emission Source: S031D

**Item 101.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that he/she operated and maintained the stationary RICE and after-treatment control device (if any) according to the maintenance plan for the following stationary RICE;

- (1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions.
- (2) An existing stationary emergency RICE.



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of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

- (1) An existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions that does not meet the standards applicable to non-emergency engines.
- (2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.

Monitoring Frequency: CONTINUOUS  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 103: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.6660, Subpart ZZZZ**

**Item 103.1:**  
 The Compliance Certification activity will be performed for the facility:  
 The Compliance Certification applies to:

Emission Unit: U-00005 Process: P07	Emission Source: S0032
Emission Unit: U-00005 Process: P07	Emission Source: S0033
Emission Unit: U-00005 Process: P07	Emission Source: S0035
Emission Unit: U-00005 Process: P07	Emission Source: S0037
Emission Unit: U-00005 Process: P07	Emission Source: S0103
Emission Unit: U-00005 Process: P07	Emission Source: S031A

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Emission Unit: U-00005  
Process: P07

Emission Source: S031B

Emission Unit: U-00005  
Process: P07

Emission Source: S031C

Emission Unit: U-00005  
Process: P07

Emission Source: S031D

**Item 103.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records must be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).

As specified in 40 CFR 63.10(b)(1), the owner or operator must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

The owner or operator must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 104: General provisions**

**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.6665, Subpart ZZZZ**

**Item 104.1:**

This Condition applies to:

Emission Unit: U00005  
Process: P07

Emission Source: S0032

Emission Unit: U00005  
Process: P07

Emission Source: S0033

Emission Unit: U00005  
Process: P07

Emission Source: S0035

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Emission Unit: U00005 Process: P07	Emission Source: S0037
Emission Unit: U00005 Process: P07	Emission Source: S0103
Emission Unit: U00005 Process: P07	Emission Source: S031A
Emission Unit: U00005 Process: P07	Emission Source: S031B
Emission Unit: U00005 Process: P07	Emission Source: S031C
Emission Unit: U00005 Process: P07	Emission Source: S031D

**Item 104.2:**

Table 8 of 40 CFR 63 Subpart ZZZZ shows which parts of the General Provisions 40 CFR 63.1 through 40 CFR 63.15 apply to this facility. Facility is responsible for ensuring they comply with all General Provisions contained in Table 8.

**Condition 105: Compliance Certification**  
Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement: 40 CFR Part 64**

**Item 105.1:**

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

Emission Unit: U-00004 Process: P05	Emission Source: C019A
Emission Unit: U-00004 Process: P05	Emission Source: C020A
Emission Unit: U-00004 Process: P05	Emission Source: C021A
Emission Unit: U-00004 Process: P05	Emission Source: C022A
Emission Unit: U-00004 Process: P05	Emission Source: C023A
Emission Unit: U-00004 Process: P05	Emission Source: C023C
Emission Unit: U-00004 Process: P05	Emission Source: C023D

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Emission Unit: U-00004 Process: P05	Emission Source: C024A
Emission Unit: U-00004 Process: P05	Emission Source: C024C
Emission Unit: U-00006 Process: P09	Emission Source: C620A
Emission Unit: U-00006 Process: P09	Emission Source: C620C
Emission Unit: U-00006 Process: P09	Emission Source: C621A
Emission Unit: U-00006 Process: P09	Emission Source: C621C
Regulated Contaminant(s): CAS No: 0NY998-00-0	VOC

**Item 105.2:**

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 VOC greater than 50 tons per year:

Emission Source/ Control Device

- S0019/C019A
- S0020/C020A
- S0021/C021A
- S0022/C022A
- S0023/C023A, C023C, C023D
- S0024/C024A, C024C
- S0620/C620A, C620C
- S0621/C621A, C621C

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

Indicator:

1. Oxidizer combustion chamber temperature.
2. Administrative Controls. System programming directs kiln emissions to the oxidizer as specified for each firing cycle's control period.

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3. Inspection and maintenance of the control devices.

Indicator Range:

1. Specific temperature lower limits for each affected control device are consistent with those included in the monitoring conditions for the control devices in this permit.
2. The control periods of each firing cycle are consistent with those included in the monitoring conditions for the control devices in this permit.

Monitoring Frequency:

1. Oxidizer temperature is measured continuously and recorded.
2. Compliance with control period parameters is monitored continuously.
3. Inspections and maintenance are completed consistent with internal schedules.

QA/QC:

1. All acceptable oxidizer temperatures are set consistent with performance testing results.
2. Qualified personnel program the firing cycle and operate the kilns/ovens and control devices.
3. Qualified personnel perform inspections and maintenance.

Excursions:

Excursions are oxidizer combustion chamber temperature and the VOC control period of any firing cycle inconsistent with those specified in the monitoring conditions for the control devices in this permit. 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 1/30/2024.

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

**Condition 106: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40 CFR Part 64**

Permit ID: 8-4642-00108/00002

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**Item 106.1:**

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

Emission Unit: U-00001 Process: P02	Emission Source: C0002
Emission Unit: U-00001 Process: P02	Emission Source: C0005
Emission Unit: U-00001 Process: P02	Emission Source: C0006
Emission Unit: U-00001 Process: P02	Emission Source: C0007
Emission Unit: U-00001 Process: P02	Emission Source: C0025
Emission Unit: U-00006 Process: P08	Emission Source: S0602
Emission Unit: U-00006 Process: P08	Emission Source: S0606
Emission Unit: U-00007 Process: P11	Emission Source: C0701
Regulated Contaminant(s): CAS No: 0NY075-00-0	PARTICULATES

**Item 106.2:**

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 40 CFR 64 Compliance Assurance Monitoring (CAM) due to pre-controlled potential emissions of particulates greater than 100 tons per year:

Emission Source/ Control Device

S0005/C0005  
S0006/C0006  
S0007/C0007

S0008/C0002  
S0008/C0025  
S0602/C0602  
S0606/C0606



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S0701/C0701

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

Indicator:

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

Indicator Range:

1. An opacity of 0% for S0602/C0602.
2. An average opacity of less than 7% (6-minute average) for S0005/C0005 and S0006/C0006.
3. An average opacity of less than 20% (6-minute average) for S0007/C0007, S0008/C0002, S0008/C0025, S0606/C0606, and S0701/C0701.
4. The pressure drop ranges for each affected control devices are consistent with those included in the monitoring conditions for the control devices in this permit.

Monitoring Frequency:

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

QA/QC:

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

Excursions:

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

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

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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 1/30/2024.

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

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

**Condition 107: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 107.1:**

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

Emission Unit: U-00001

Emission Point: E0002

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

Emission Point: E0003

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

Emission Point: E0004

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

Emission Point: E0005

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

Emission Point: E0006

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

Emission Point: E0007

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

Emission Point: E0008

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

Emission Point: E0025

Height (ft.): 45                      Diameter (in.): 24

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

**Item 107.2:**

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

Emission Unit: U-00002

Emission Point: E0001

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

Emission Point: E0009

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

Emission Point: E0010

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

Emission Point: E0011

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

**Item 107.3:**

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

Emission Unit: U-00003

Emission Point: E0012

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

Emission Point: E0013

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

Emission Point: E0014

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

Emission Point: E0015

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

Emission Point: E0016

Height (ft.): 40                      Diameter (in.): 36  
 NYTMN (km.): 4664.55    NYTME (km.): 321.76    Building: 1

Emission Point: E0300

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

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**Item 107.4:**

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

Emission Unit: U-00004

Emission Point: E0019

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

Emission Point: E0020

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

Emission Point: E0021

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

Emission Point: E0022

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

Emission Point: E023A

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

Emission Point: E023B

Height (ft.): 85 Diameter (in.): 69  
 NYTMN (km.): 4664.55 NYTME (km.): 321.85 Building: 1

Emission Point: E023C

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

Emission Point: E023D

Height (ft.): 40 Diameter (in.): 39  
 NYTMN (km.): 4664.55 NYTME (km.): 321.85

Emission Point: E024A

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

Emission Point: E024D

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

**Item 107.5:**

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

Emission Unit: U-00005

Emission Point: E0032

Height (ft.): 33 Diameter (in.): 14

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NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0033		
Height (ft.): 33	Diameter (in.): 14	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0035		
Height (ft.): 2	Diameter (in.): 6	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0037		
Height (ft.): 5	Diameter (in.): 6	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0103		
Height (ft.): 7	Diameter (in.): 4	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	
Emission Point: E0104		
Height (ft.): 11	Diameter (in.): 8	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	
Emission Point: E0105		
Height (ft.): 11	Diameter (in.): 8	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	
Emission Point: E031A		
Height (ft.): 12	Diameter (in.): 6	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E031B		
Height (ft.): 12	Diameter (in.): 6	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E031C		
Height (ft.): 33	Diameter (in.): 14	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E031D		
Height (ft.): 33	Diameter (in.): 14	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1

**Item 107.6:**

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

Emission Unit: U-00006		
Emission Point: E0601		
Height (ft.): 53	Diameter (in.): 16	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0602		

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Height (ft.): 38	Diameter (in.): 50	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0603		
Height (ft.): 39	Diameter (in.): 24	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0604		
Height (ft.): 39	Diameter (in.): 24	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0606		
Height (ft.): 45	Diameter (in.): 50	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0608		
Height (ft.): 28	Diameter (in.): 4	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0610		
Height (ft.): 65	Diameter (in.): 4	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0611		
Height (ft.): 38	Diameter (in.): 12	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0630		
Height (ft.): 33	Diameter (in.): 14	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E0631		
Height (ft.): 33	Diameter (in.): 14	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E620A		
Height (ft.): 77	Diameter (in.): 38	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E620B		
Height (ft.): 85	Diameter (in.): 84	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E620C		
Height (ft.): 50	Diameter (in.): 52	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E621A		
Height (ft.): 77	Diameter (in.): 38	
NYTMN (km.): 4664.55	NYTME (km.): 321.85	Building: 1
Emission Point: E621B		

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Facility DEC ID: 8464200108

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

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

**Item 107.7:**

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

Emission Unit: U-00007

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

**Condition 108: Process Definition By Emission Unit  
 Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 108.1:**

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

Emission Unit: U-00001  
 Process: P01                              Source Classification Code: 3-05-008-03  
 Process Description:  
     This process consists of raw material unloading, batch preparation, wet tower mixing, and exempt solid material storage silos.

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

Emission Source/Control: S0003 - Process

**Item 108.2:**

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

Emission Unit: U-00001  
 Process: P02                              Source Classification Code: 3-05-008-02  
 Process Description:  
     This process consists of cutting, skinning, contouring, and finishing operations.

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

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

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

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

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

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

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

Emission Source/Control: S0005 - Process

Emission Source/Control: S0006 - Process

Emission Source/Control: S0007 - Process

Emission Source/Control: S0008 - Process

**Item 108.3:**

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

Emission Unit: U-00002

Process: P03

Source Classification Code: 4-90-999-98

Process Description:

This process consists of storage of oil in four storage tanks.

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

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

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

Emission Source/Control: S0001 - Process  
Design Capacity: 30,000 gallons

Emission Source/Control: S0009 - Process

Emission Source/Control: S0010 - Process

Emission Source/Control: S0011 - Process

**Item 108.4:**

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

Emission Unit: U-00003



Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

Process: P04 Source Classification Code: 3-05-008-01

Process Description:

This process includes the drying of extruded ceramic, including exempt gas-fired preheaters. The oil mist eliminators are designed to remove potential liquid particulates and minimize opacity from the log and plug dryers.

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

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

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

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

Emission Source/Control: C0300 - Control  
Control Type: MIST ELIMINATOR

Emission Source/Control: S0012 - Process

Emission Source/Control: S0013 - Process

Emission Source/Control: S0014 - Process

Emission Source/Control: S0015 - Process

Emission Source/Control: S0300 - Process

**Item 108.5:**

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

Emission Unit: U-00004  
Process: P05 Source Classification Code: 3-05-008-12

Process Description:

This process includes firing ceramic ware in periodic and tunnel kilns.

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

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

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

Emission Source/Control: C020B - Control

Permit ID: 8-4642-00108/00002

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Control Type: WET SCRUBBER

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

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

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

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

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

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

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

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

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

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

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

Emission Source/Control: S0019 - Process

Emission Source/Control: S0020 - Process

Emission Source/Control: S0021 - Process

Emission Source/Control: S0022 - Process

Emission Source/Control: S0023 - Process

Emission Source/Control: S0024 - Process

**Item 108.6:**

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

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

Emission Unit: U-00005

Process: P07

Source Classification Code: 1-02-006-03

Process Description:

Operation of natural gas and diesel-fired combustion sources (including small exempt combustion sources) installed prior to June 3, 2008 and are subject to VOC LAER requirements.

Emission Source/Control: S0032 - Combustion  
Design Capacity: 2,935 horsepower (electric)

Emission Source/Control: S0033 - Combustion  
Design Capacity: 2,935 horsepower (electric)

Emission Source/Control: S0035 - Combustion  
Design Capacity: 200 horsepower (electric)

Emission Source/Control: S0037 - Combustion  
Design Capacity: 200 horsepower (electric)

Emission Source/Control: S0103 - Combustion  
Design Capacity: 188 horsepower (electric)

Emission Source/Control: S0104 - Combustion  
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: S0105 - Combustion  
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: S031A - Combustion  
Design Capacity: 2,935 horsepower (electric)

Emission Source/Control: S031B - Combustion  
Design Capacity: 2,935 horsepower (electric)

Emission Source/Control: S031C - Combustion  
Design Capacity: 2,935 horsepower (electric)

Emission Source/Control: S031D - Combustion  
Design Capacity: 2,935 horsepower (electric)

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

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

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

Emission Source/Control: C105B - Control  
Control Type: FLUE GAS RECIRCULATION

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

**Item 108.7:**

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

Emission Unit: U-00006

Process: P08

Source Classification Code: 3-05-008-02

Process Description:

This process includes batch preparation and wet tower mixing, cutting and drying of extruded ceramic, operation of exempt natural gas-fired preheaters, and finishing operations. Oil mist eliminators are designed to remove potential liquid particulate emissions from the dryers.

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

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

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

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

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

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

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

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

Emission Source/Control: C0611 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S0601 - Process

Emission Source/Control: S0602 - Process

Emission Source/Control: S0603 - Process

Emission Source/Control: S0604 - Process

Emission Source/Control: S0606 - Process

**Item 108.8:**

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

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

Emission Unit: U-00006  
 Process: P09 Source Classification Code: 3-05-008-12  
 Process Description:

This process consists of firing of ceramic ware in tunnel kiln No. 3 and tunnel kiln No. 4. Includes operation of associated control devices.

Emission Source/Control: C620A - Control  
 Control Type: THERMAL OXIDATION

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

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

Emission Source/Control: C621A - Control  
 Control Type: THERMAL OXIDATION

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

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

Emission Source/Control: S0620 - Process

Emission Source/Control: S0621 - Process

**Item 108.9:**

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

Emission Unit: U-00006  
 Process: P10 Source Classification Code: 1-02-006-03  
 Process Description:

Operation of miscellaneous combustion units used for emergency power generation, process heat, and HVAC (including small exempt combustion sources).

Emission Source/Control: S0630 - Combustion  
 Design Capacity: 2,709 horsepower (electric)

Emission Source/Control: S0631 - Combustion  
 Design Capacity: 2,709 horsepower (electric)

**Item 108.10:**

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

Emission Unit: U-00007  
 Process: P11 Source Classification Code: 3-05-008-99  
 Process Description:

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

This process consists of cutting, skinning, contouring, and finishing operations.

Emission Source/Control: C0701 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S0701 - Process

**Condition 109: Emission Unit Permissible Emissions**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 109.1:**

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-00006

CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 198,000 pounds per year

Emission Unit: U-00007

CAS No: 0NY075-00-0  
Name: PARTICULATES  
PTE(s): 49,800 pounds per year

CAS No: 0NY075-00-5  
Name: PM-10  
PTE(s): 29,800 pounds per year

CAS No: 0NY075-02-5  
Name: PM 2.5  
PTE(s): 19,800 pounds per year

Emission Unit: U-00006

CAS No: 0NY998-00-0  
Name: VOC  
PTE(s): 78,000 pounds per year

**Condition 110: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 60.676(f), NSPS Subpart OOO**

**Item 110.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

Emission Unit: U-00001

Emission Unit: U-00006

**Item 110.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 111: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

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

**Item 111.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0003

Process: P01

Emission Source: C0003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 111.2:**

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 40 CFR 60.672(a) particulate limit of 0.022 grain/dscf, when Emission Source S0003 is operational, the pressure drop across the dust collector (Control Devices No. C00003) must be maintained between 0.1 and 8.0 inches of water. The facility must monitor and record the pressure drop for each control device on a weekly basis. This pressure drop range shall not apply during periods of start-up following filter replacement.

If the pressure drop recorded during normal operation is

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outside of this range, the facility owner or operator will inspect the dust collector and initiate corrective action as necessary. Records of pressure drop readings, deviations, corrective actions, and maintenance must be kept on site for five years and made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE  
 Lower Permit Limit: 0.1 inches of water  
 Upper Permit Limit: 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 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 112: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-2.5**

**Item 112.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

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

**Item 112.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To meet 6 NYCRR Part 231-2.5 LAER requirements, VOC emissions from the ceramic kilns in Emission Unit U-00004 (Emission Sources S0019 - S0024) are limited as follows:

1. VOC emissions from the ceramic kilns are limited to 1.3 lbs VOC/ton ceramic ware. Alternatively, the overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer must be at least 99% or greater as specified in a monitoring condition elsewhere in this permit. The facility whichever is more stringent.

1. VOC emissions must be controlled from each kiln through



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a combination of kiln burners and the use of a thermal oxidizer during the burnout period of each firing cycle. The burnout period refers to an early period of a firing cycle during which VOC is released from the ceramic wares. The burnout period of each firing cycle shall be determined using existing stack test data, engineering analysis, and new stack test data if necessary.

2. VOC emissions from the ceramic kilns shall not exceed 1.3 lbs VOC / ton ceramic ware, or the overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer shall be 99% or greater, whichever is more stringent.

3. The overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer is calculated as follows:

Overall VOC Removal Efficiency = (Available VOC into Kiln - Total VOC Emissions) / Available VOC into Kiln

Available VOC into Kiln = the total mass of ceramic fired x % weight VOC of ceramic fired - VOC released by dryer

Total VOC Emissions = total outlet VOC emissions including both the controlled period and the post controlled period

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

- (1) Documentation of each control period determination
- (2) Documentation that the appropriate control period has been used for each firing
- (3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

Parameter Monitored: DESTRUCTION EFFICIENCY

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Upper Permit Limit: 99 percent reduction  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 113: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 231-2.5**

**Item 113.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

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

**Item 113.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To meet 6 NYCRR Part 231-2.5 LAER requirements, VOC emissions from the ceramic kilns in Emission Unit U-00004 (Emission Sources S0019 - S0024) are limited as follows:

1. VOC emissions must be controlled from each kiln through a combination of kiln burners and the use of a thermal oxidizer during the burnout period of each firing cycle. The burnout period refers to an early period of a firing cycle during which VOC is released from the ceramic wares. The burnout period of each firing cycle shall be determined using existing stack test data, engineering analysis, and new stack test data if necessary.
2. VOC emissions from the ceramic kilns shall not exceed 1.3 lbs VOC / ton ceramic ware, or the overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer shall be 99% or greater, whichever is more stringent.
3. The overall VOC removal efficiency of the combination of the kiln burners and the thermal oxidizer is calculated as follows:

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Overall VOC Removal Efficiency = (Available VOC into Kiln - Total VOC Emissions) / Available VOC into Kiln

Available VOC into Kiln = the total mass of ceramic fired x % weight VOC of ceramic fired - VOC released by dryer

Total VOC Emissions = total outlet VOC emissions including both the controlled period and the post controlled period

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

- (1) Documentation of each control period determination
- (2) Documentation that the appropriate control period has been used for each firing
- (3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

Parameter Monitored: VOC

Upper Permit Limit: 1.3 pounds per ton

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 114: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.43(c), Subpart B**

**Item 114.1:**

The Compliance Certification activity will be performed for:

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

Emission Unit: U-00004

Regulated Contaminant(s):

CAS No: 007664-39-3 HYDROGEN FLUORIDE

**Item 114.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In accordance with 40CFR63-B.43(c) MACT requirements, hydrogen fluoride (HF) emissions from the Emission Unit U-00004 periodic and tunnel kilns (Emission Sources S0019, S0020, S0021, S0022, S0023, S0024) are limited to 0.057 lbs HF/ton or 90% overall control, regardless of the raw material composition.

To demonstrate compliance with this limit, the facility owner or operator must adhere to the HF control periods of the existing firing cycles established in the Corning Incorporated Diesel Manufacturing Facility Control Period Matrix and during prior compliance stack testing. The facility owner or operator must operate the HF scrubbers in accordance with the HF control period for each firing cycles as specified in this document. The control periods may be altered based on new stack test information. Changes involving the addition of new firing cycles or changes that affect the control periods for existing firing cycles will have new or revised control periods established in advance.

The following records shall be maintained on site for five years and made available to the Department upon request:

- (1) Documentation of each control period determination
- (2) Documentation that the appropriate control period has been used for each firing
- (3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

Parameter Monitored: HYDROGEN FLUORIDE

Upper Permit Limit: 90 percent degree of air cleaning or greater

Reference Test Method: EPA Method 26A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 115: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.43(c), Subpart B**

**Item 115.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Regulated Contaminant(s):

CAS No: 007664-39-3 HYDROGEN FLUORIDE

**Item 115.2:**

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 40 CFR 63-B.43(c) requirements, the scrubber liquid flow rate of the wet HF scrubbers (Emission Sources C019B, C020B, C021B, C022B) must be maintained between 1,000 gpm and 1,500 gpm on a 1-hour average basis.

To demonstrate compliance with this requirement, the facility owner or operator must monitor the scrubber flow rate continuously.

Records of the 1-hour average scrubber liquid flow rate on site for five years and made available to the Department upon request.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 1000 gallons per minute

Upper Permit Limit: 1500 gallons per minute

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 1/30/2024.

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

**Condition 116: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.43(c), Subpart B**

**Item 116.1:**

The Compliance Certification activity will be performed for:



Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

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

Monitoring Description:

In accordance with 40CFR63-B.43(c) MACT requirements, hydrogen fluoride (HF) emissions from the Emission Unit U-00004 periodic and tunnel kilns (Emission Sources S0019, S0020, S0021, S0022, S0023, S0024) are limited to 0.057 lbs HF/ton or 90% overall control, regardless of the raw material composition.

To demonstrate compliance with this limit, the facility owner or operator must adhere to the HF control periods of the existing firing cycles established in the Corning Incorporated Diesel Manufacturing Facility Control Period Matrix and during prior compliance stack testing. The facility owner or operator must operate the HF scrubbers in accordance with the HF control period for each firing cycles as specified in this document. The control periods may be altered based on new stack test information. Changes involving the addition of new firing cycles or changes that affect the control periods for existing firing cycles will have new or revised control periods established in advance.

The following records shall be maintained on site for five years and made available to the Department upon request:

- (1) Documentation of each control period determination
- (2) Documentation that the appropriate control period has been used for each firing
- (3) Documentation of the addition of new firing cycles and the changes of existing firing cycles.

Parameter Monitored: HYDROGEN FLUORIDE

Upper Permit Limit: 0.057 pounds per ton

Reference Test Method: EPA Method 26A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 118: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 40CFR 63.43(c), Subpart B**

**Item 118.1:**

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Regulated Contaminant(s):

CAS No: 007664-39-3      HYDROGEN FLUORIDE

**Item 118.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To ensure ongoing compliance with the applicable HF emission limit, the facility owner or operator must operate and maintain the dry HF scrubbers (Emission Controls C023B and C024B) consistent with good engineering practice, and in accordance with manufacturer's recommendations.

Maintenance and operating procedures for the dry HF scrubbers must include the following:

1. An adequate amount of limestone must be maintained in the limestone hopper, storage bin, and the scrubber at all times.
2. The facility owner or operator must maintain limestone above the level of the cascade section of the scrubber to ensure performance that is consistent with that demonstrated during the performance test. If a low level alarm is detected in the silo, the facility owner or operator must procure additional limestone in a time frame that assures that sufficient scrubbing media is available to maintain the level above the cascades.
3. The limestone feeder setting must be maintained at or above the level established during the performance test.
4. The grade of the limestone used must be the same as was used during the performance test.

The facility owner or operator must keep records of the grade of limestone, limestone feeder setting, and any low level alarms and equipment maintenance. Records must be maintained on site for five years and made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 119: Principles of Case-By-Case MACT Determinations**



Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement:40CFR 63.43(d), Subpart B****Item 119.1:**

This Condition applies to Emission Unit: U-00004

**Item 119.2:**

The following general principles shall govern preparation by the owner or operator of each permit application or other application requiring a case-by-case MACT determination concerning construction or reconstruction of a major source, and all subsequent review of and actions taken concerning such an application by the permitting authority:

(1) The MACT emission limitation or MACT requirements recommended by the applicant and approved by the permitting authority shall not be less stringent than the emission control which is achieved in practice by the best controlled similar source, as determined by the permitting authority.

(2) Based upon available information, as defined in this 40CFR63 subpart B, the MACT emission limitation and control technology (including any requirements under paragraph 40CFR63.43(d)(3)) recommended by the applicant and approved by the permitting authority shall achieve the maximum degree of reduction in emissions of HAP which can be achieved by utilizing those control technologies that can be identified from the available information, taking into consideration the costs of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements associated with the emission reduction.

(3) The applicant may recommend a specific design, equipment, work practice, or operational standard, or a combination thereof, and the permitting authority may approve such a standard if the permitting authority specifically determines that it is not feasible to prescribe or enforce an emission limitation under the criteria set forth in section 112(h)(2) of the Act.

(4) If the USEPA Administrator has either proposed a relevant emission standard pursuant to section 112(d) or section 112(h) of the Act or adopted a presumptive MACT determination for the source category which includes the constructed or reconstructed major source, then the MACT requirements applied to the constructed or reconstructed major source shall have considered those MACT emission limitations and requirements of the proposed standard or presumptive MACT determination.

**Condition 120: Case-By-Case MACT General Provisions Applicability (No Opacity Standard or Flares)**

Effective between the dates of 10/10/2023 and 10/09/2028

**Applicable Federal Requirement:40CFR 63.43(g)(2)(iv), Subpart B****Item 120.1:**

This Condition applies to Emission Unit: U-00004

**Item 120.2:**

Owners or operators of affected sources subject to 40CFR63 Subpart B must also comply

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with the requirements of 40 CFR 63 Subpart A, the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source. The General Provisions may be overridden or supplemented by the individual NESHAP standard. Some portions only apply under certain conditions. For example the continuous opacity monitoring system (COMS) reporting and recordkeeping provisions of Subpart A only apply if the standard contains a requirement to install and operate a COMS. The following is a summary of which sections and paragraphs of Subpart A apply to this source (i.e., the emission unit, emission point, or process, as indicated).

In Section 63.1, Applicability: Paragraphs 63.1(a) - General, 63.1(b) - Initial applicability determinations for this part, 63.1(c) - Applicability of this part after a relevant standard has been set under this part, and 63.1(e) - Applicability of permit program before a relevant standard has been set under this part, all apply. 63.44 provides additional detail for procedures and applicability when a standard is promulgated after a case by case MACT determination.

Section 63.2, Definitions applies. There are additional definitions in 63.41.

Section 63.3, Units and Abbreviations applies.

In Section 63.4, Prohibited Activities and Circumvention: Paragraphs 63.4(a) - Prohibited activities, 63.4(b) - Circumvention, and 63.4(c) - Severability all apply.

In Section 63.5, Construction and Reconstruction: 63.5(a) - Applicability, 63.5(b) - Requirements for existing, newly constructed, and reconstructed sources, 63.5(d) - Application for approval of construction or reconstruction, 63.5(e) - Approval of construction or reconstruction, and 63.5(f) - Approval of construction or reconstruction based on prior State preconstruction review all apply. §63.44 provides additional detail for procedures and applicability when a standard is promulgated after a case by case MACT determination.

In Section 63.6, Compliance With Standards and Maintenance Requirements: 63.6(a) - Applicability, 63.6(b), Compliance dates for new and reconstructed sources, 63.6(c) - Compliance dates for existing sources, 63.6(e) - Operation and maintenance, 63.6(f) - Compliance with nonopacity emission standards, 63.6(g) - Use of an alternative nonopacity emission standard, 63.6(i) - Extension of compliance with emission standards, and 63.6(j) - Exemption from compliance with emission standards all apply. Paragraph 63.6(e) includes, but is not limited to, a requirement for a startup, shutdown, and malfunction plan by the compliance date. Although Paragraph (g) applies, the source is not currently using an alternative emission standard. Paragraph (h) does not apply since no opacity or visible emission standard is included in the case by case MACT determination.

In Section 63.7, Performance Testing Requirements: §63.7(a) - Applicability and performance test dates, 63.7(b) - Notification of performance test, 63.7(c) - Quality assurance program, 63.7(d) - Performance testing facilities, 63.7(e) - Conduct of performance tests, 63.7(f) - Use of an alternative test method, 63.7(g) - Data analysis, recordkeeping, and reporting, and §63.7(h) - Waiver of performance tests all apply. Paragraph (a) includes but is not limited to a requirement for the source to conduct a performance test within 180 days after compliance date. Paragraph (b) includes but is not

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limited to a requirement for a notification to be submitted at least 60 calendar days before the performance test is scheduled to begin. Paragraph (c) includes, but is not limited to, a requirement for a site-specific test plan of which the Department may request submittal and approval. It also requires the performance of test method audits.

In Section 63.8, Monitoring Requirements: Paragraphs 63.8(a) - Applicability, 63.8(b) - Conduct of monitoring, 63.8(c) - Operation and maintenance of continuous monitoring systems, 63.8(d) - Quality control program, 63.8(e) - Performance evaluation of continuous monitoring systems, 63.8(f) - Use of an alternative monitoring, and 63.8(g) - Reduction of monitoring data all apply. Paragraph (e) includes, but is not limited to, a requirement to report results of Continuous Monitoring System performance evaluation within 60 days of completion.

In Section 63.9, Notification Requirements: Paragraphs 63.9(a) - Applicability and general information, 63.9(c) - Request for extension of compliance, 63.9(d) - Notification that source is subject to special compliance requirements, 63.9(e) - Notification of performance test, 63.9(g) - Additional notification requirements for sources with continuous monitoring systems, 63.9(h) - Notification of compliance status, 63.9(i) - Adjustment to time periods or postmark deadlines for submittal and review of required communications, and 63.9(j) - Change in information already provided all apply. Paragraph 63.9(b) - Initial notifications applies if and when the source becomes subject to an additional relevant standard besides Subpart B. Paragraph (e) requires that the notification must be submitted at least 60 calendar days before the performance test is scheduled to begin. Paragraph 63.9(f) - Notification of opacity and visible emission observations does not apply since no opacity or VE standards are included in the MACT determination. Paragraph (h) includes, but is not limited to, a requirement to send the notification before the close of business on the 60th day following the completion of the relevant compliance demonstration (such as the performance test).

In Section 63.10, Recordkeeping and Reporting Requirements: Paragraphs 63.10(a) - Applicability and general information, 63.10(b) - General recordkeeping requirements, 63.10(c) - Additional recordkeeping requirements for sources with continuous monitoring systems, 63.10(d) - General reporting requirements, and 63.10(e) - Additional reporting requirements for sources with continuous monitoring systems all apply. Paragraph (d) includes, but is not limited to, requirements for reports of performance test results; periodic startup, shutdown, and malfunction reports (can be concurrent with Excess emissions and CMS performance reports in 63.10(e)); and immediate startup, shutdown, and malfunction reports. Paragraph (e) includes, but is not limited to requirements for reporting results of CMS performance evaluations; semiannual excess emissions and CMS performance reports and summary reports. The requirements in paragraph (e) relating to Continuous Opacity Monitoring System data do not apply. Paragraph (f) applies but no waiver has been granted.

Section 63.11, Control Device Requirements does not apply since flares are not used to comply with the case-by-case MACT standard.

§63.12, State Authority and Delegation applies but does not require any action by the source.

Sections 63.13, Addresses of State air pollution control agencies and EPA Regional Offices; 63.14, Incorporations by Reference, and 63.15, Availability of Information and Confidentiality

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apply to Subpart B affected sources without any alteration.

**Condition 121: Case-By-Case MACT Compliance Date**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.43(k), Subpart B**

**Item 121.1:**

This Condition applies to Emission Unit: U-00004

**Item 121.2:**

On and after the date of start-up, a constructed or reconstructed major source which is subject to the requirements of 40 CFR 63 subpart B shall be in compliance with all applicable requirements specified in the case-by-case MACT determination.

**Condition 122: Compliance With Case-By-Case MACT Determination**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.43(l), Subpart B**

**Item 122.1:**

This Condition applies to Emission Unit: U-00004

**Item 122.2:**

The permittee shall comply with all requirements in the final Notice of MACT Approval, the title V permit (in those instances where the owner or operator either is required or elects to obtain such a permit before construction or reconstruction), or any other final notice of approval issued pursuant to paragraph 40CFR63.43(c)(2)(ii), including but not limited to any MACT emission limitation or MACT work practice standard, and any notification, operation and maintenance, performance testing, monitoring, reporting, and recordkeeping requirements.

**Item 122.3:** The permittee shall be deemed to be in compliance with section 112(g)(2)(B) of the Act only to the extent that the constructed or reconstructed major source is in compliance with all requirements set forth in the final Notice of MACT Approval, the title V permit (in those instances where the owner or operator either is required or elects to obtain such a permit before construction or reconstruction), or any other final notice of approval issued pursuant to paragraph 40CFR63.43(c)(2)(ii). Any violation of such requirements by the owner or operator shall be deemed by the NYSDEC and by USEPA to be a violation of the prohibition on construction or reconstruction in section 112(g)(2)(B) for whatever period the owner or operator is determined to be in violation of such requirements, and shall subject the owner or operator to appropriate enforcement action under the Act.

**Condition 123: Requirements for constructed or reconstructed major sources subject to a subsequently promulgated MACT standard or MACT requirement**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:40CFR 63.44, Subpart B**

Permit ID: 8-4642-00108/00002

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**Item 123.1:**

This Condition applies to Emission Unit: U-00004

**Item 123.2:**

Pursuant to §40CFR63.44(b), if the USEPA Administrator promulgates an emission standard under section 112(d) or section 112(h) of the Clean Air Act or NYSDEC makes a determination under section 112(j) of the Act that is applicable to a stationary source or group of sources which was deemed to be a constructed or reconstructed major source under 40CFR63 Subpart B and has been subject to a prior case-by-case MACT determination pursuant to §63.43, and the owner and operator obtained a final and legally effective case-by-case MACT determination prior to the promulgation date of such emission standard, then the NYSDEC shall (if the initial title V permit has not yet been issued) issue an initial operating permit which incorporates the emission standard or determination, or shall (if the initial title V permit has been issued) revise the operating permit according to the reopening procedures in 40 CFR part 70 to incorporate the emission standard or determination.

The EPA may include in the emission standard established under section 112(d) or section 112(h) of the Act a specific compliance date for those sources which have obtained a final and legally effective MACT determination under this subpart and which have submitted the information required by §63.43 to the EPA before the close of the public comment period for the standard established under section 112(d) of the Act. Such date shall assure that the owner or operator shall comply with the promulgated standard as expeditiously as practicable, but not longer than 8 years after such standard is promulgated. In that event, the NYSDEC shall incorporate the applicable compliance date in the title V operating permit.

If no compliance date has been established in the promulgated 112(d) or 112(h) standard or section 112(j) determination, for those sources which have obtained a final and legally effective MACT determination under this subpart, then the NYSDEC shall establish a compliance date in the permit that assures that the owner or operator shall comply with the promulgated standard or determination as expeditiously as practicable, but not longer than 8 years after such standard is promulgated or a section 112(j) determination is made.

**Item 123.3:**

Pursuant to §40CFR63.44(c), notwithstanding the requirements of paragraphs 40CFR63.44(a) and (b), if the USEPA Administrator promulgates an emission standard under section 112(d) or section 112(h) of the Act or the NYSDEC issues a determination under section 112(j) of the Act that is applicable to a stationary source or group of sources which was deemed to be a constructed or reconstructed major source under 40CFR63 Subpart B and which is the subject of a prior case-by-case MACT determination pursuant to §63.43, and the level of control required by the emission standard issued under section 112(d) or section 112(h) or the determination issued under section 112(j) is less stringent than the level of control required by any emission limitation or standard in the prior MACT determination, the NYSDEC is not required to incorporate any less stringent terms of the promulgated standard in the title V operating permit applicable to such source(s) and may in its discretion consider any more stringent provisions of the prior MACT determination to be applicable legal requirements when issuing or revising such an operating permit.

**Condition 124: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028**



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**Item 125.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In order to comply with the 6 NYCRR Part 231-2.5 LAER requirements, VOC emissions from the small diesel-fired combustion sources included in Emission Unit U-00005 Process 07 are limited to 0.35 lbs VOC/MMBtu.

This limit is met through uncontrolled operation. To demonstrate compliance with this requirement, the facility owner or operator must comply with applicable maintenance and testing requirements and the VOC emissions limit specified elsewhere in this permit.

Parameter Monitored: VOC

Upper Permit Limit: 0.35 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 126: Capping Monitoring Condition**  
**Effective between the dates of 10/10/2023 and 10/09/2028****Applicable Federal Requirement: 6 NYCRR 201-7.1****Item 126.1:**

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

6 NYCRR 231-2.2

**Item 126.2:**

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

**Item 126.3:**

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

**Item 126.4:**

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

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emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 126.5:**

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

**Item 126.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

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

**Item 126.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To ensure that VOC emissions remain below the Nonattainment New Source Review Significant Project/Net Emissions Increase thresholds under 6 NYCRR 231-2.2, VOC emissions from Emission Unit U-00006 are limited to 39 tons per year, on a 12-month rolling basis.

To demonstrate compliance with this limit, the facility owner or operator must calculate 12-month rolling VOC emissions from Emission Unit U-00006 on a monthly basis. VOC emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for VOC emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: VOC

Upper Permit Limit: 39 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.  
The initial report is due 1/30/2024.  
Subsequent reports are due every 6 calendar month(s).

**Condition 127: Capping Monitoring Condition**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-7.1**

**Item 127.1:**

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

6 NYCRR Subpart 231-8

**Item 127.2:**

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

**Item 127.3:**

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

**Item 127.4:**

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

**Item 127.5:**

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

**Item 127.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY075-02-5 PM 2.5

**Item 127.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Permit ID: 8-4642-00108/00002

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

Monitoring Description:

To ensure that PM<sub>2.5</sub> emissions remain below the Prevention of Significant Deterioration Significant Project/Net Emissions Increase thresholds under 6 NYCRR 231-8, PM<sub>2.5</sub> emissions from Emission Unit U-00007 are limited to 9.9 tons per year, on a 12-month rolling basis.

To demonstrate compliance with this limit, the facility owner or operator must calculate 12-month rolling PM<sub>2.5</sub> emissions from Emission Unit U-00007 on a monthly basis. PM<sub>2.5</sub> emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for PM<sub>2.5</sub> emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: PM 2.5

Upper Permit Limit: 9.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 128: Capping Monitoring Condition**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 128.1:**

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

6 NYCRR Subpart 231-8

**Item 128.2:**

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

**Item 128.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a

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period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 128.4:**

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

**Item 128.5:**

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

**Item 128.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

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

**Item 128.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To ensure that PM-10 emissions remain below the Prevention of Significant Deterioration Significant Project/Net Emissions Increase thresholds under 6 NYCRR 231-8, PM-10 emissions from Emission Unit U-00007 are limited to 14.9 tons per year, on a 12-month rolling basis.

To demonstrate compliance with this limit, the facility owner or operator must calculate 12-month rolling PM-10 emissions from Emission Unit U-00007 on a monthly basis. PM-10 emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for PM-10 emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be

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maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: PM-10

Upper Permit Limit: 14.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 129: Capping Monitoring Condition**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable Federal Requirement: 6 NYCRR 201-7.1**

**Item 129.1:**

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

6 NYCRR Subpart 231-8

**Item 129.2:**

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

**Item 129.3:**

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

**Item 129.4:**

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

**Item 129.5:**

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

**Item 129.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Permit ID: 8-4642-00108/00002

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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 129.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To ensure that particulate emissions remain below the Prevention of Significant Deterioration Significant Project/Net Emissions Increase thresholds under 6 NYCRR 231-8, particulate emissions from Emission Unit U-00007 are limited to 24.9 tons per year, on a 12-month rolling basis.

To demonstrate compliance with this limit, the facility owner or operator must calculate 12-month rolling particulate emissions from Emission Unit U-00007 on a monthly basis. Particulate emissions must be calculated using material balance based on production records and emission factors. Emission factors and assumptions used in the calculation are subject to Department approval.

The facility owner or operator must submit an Annual Capping Report for particulate emissions from the prior calendar year in a format acceptable to the Department. Records of emissions, supporting information, and reports must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 24.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 130: Compliance Certification**  
**Effective between the dates of 10/10/2023 and 10/09/2028****Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)****Item 130.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Process: P11

Emission Source: C0701

Permit ID: 8-4642-00108/00002

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

**Item 130.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To demonstrate compliance with the 6 NYCRR Part 212-2.4(b) particulate limit of 0.05 grain/dscf, when Emission Source S0701 is operational, the pressure drop across the dust collector (Control Device No. C0701) must be maintained between 0.2 and 7.5 inches of water. The facility must monitor and record the pressure drop for each control device on a weekly basis. 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, the facility owner or operator will inspect the dust collector and initiate corrective action as necessary. Records of pressure drop readings, deviations, corrective actions, and maintenance must be kept on site for five years and made available to the Department upon request.

Parameter Monitored: PRESSURE DROP  
 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 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

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**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: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

(2) the equipment at the facility was being properly operated and maintained;

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

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

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

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

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

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and

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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 131: Contaminant List

Effective between the dates of 10/10/2023 and 10/09/2028

#### Applicable State Requirement:ECL 19-0301

#### Item 131.1:

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

CAS No: 000630-08-0  
Name: CARBON MONOXIDE

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

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

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

CAS No: 0NY075-02-5  
Name: PM 2.5

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

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



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**Condition 132: Malfunctions and Start-up/Shutdown Activities**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 132.1:**

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 133: Requirement to Commence Construction**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable State Requirement:6 NYCRR 201-1.15**

**Item 133.1:**

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The Department may suspend, modify or revoke the permit, pursuant to 6 NYCRR Part 621, if construction has not commenced within 18 months of the date of permit issuance, or construction has been discontinued for a period of more than 18 months at any point after the date of permit issuance.

The Department may grant the facility owner or operator an extension of up to 18 months upon a showing of good cause submitted in writing.

**Condition 134: CLCPA Applicability**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable State Requirement:6 NYCRR 201-6.5 (a)**

**Item 134.1:**

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

**Condition 135: Air pollution prohibited**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 135.1:**

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

**Condition 136: Compliance Demonstration**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable State Requirement:6 NYCRR 212-2.1 (a)**

**Item 136.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 136.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For an air contaminant listed in Section 212-2.2 Table 2  
- High Toxicity Air Contaminant (HTAC) List, of this Part,  
the facility owner or operator must either limit the  
actual annual emissions from all process operations at the

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facility so as to not exceed the mass emission limit (MEL) (or PB trigger, if applicable) listed for the individual HTAC; or demonstrate compliance with the air cleaning requirements for the HTAC as specified in Subdivision 212-2.3(b), Table 4 - Degree of Air Cleaning Required for Non-Criteria Air Contaminants, of this Part for the environmental rating assigned to the contaminant by the department. The facility owner or operator has demonstrated that actual annual emissions of HTACs from process operations at the facility are less than the applicable MEL.

To demonstrate on-going compliance with this requirement the facility owner or operator must keep records of actual annual HTAC emissions from process operations. This requirement may be met through meeting the Annual Emissions Statement reporting specified elsewhere in this permit. Records of emissions must be maintained for at least five years and made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 137: Compliance Demonstration**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable State Requirement: 6 NYCRR 257-4.2**

**Item 137.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00004

Process: P05

Emission Source: S0023

Emission Unit: U-00004

Process: P05

Emission Source: S0024

Emission Unit: U-00006

Process: P09

Emission Source: S0620

Emission Unit: U-00006

Process: P09

Emission Source: S0621

Regulated Contaminant(s):

CAS No: 007664-39-3

HYDROGEN FLUORIDE

Permit ID: 8-4642-00108/00002

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**Item 137.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

In accordance with 6 NYCRR 257-4 and the latest air dispersion modeling report, the facility owner or operator must evaluate and maintain documentation that hydrogen fluoride (HF) emissions continue to meet the weekly ambient air quality standard for fluorides under 6 NYCRR 257-4.2(b).

To demonstrate compliance with this requirement, the facility owner or operator must verify that hourly HF emissions from the simultaneously operating Tunnel Kilns 1-4 (ES S0023, S0024, S0620, and S0621, respectively) meet the ambient standard using an air dispersion model input scaling tool that is acceptable to the Department. Compliance will be evaluated using the scaling tool on a monthly basis, or more frequent as necessary, and must use the latest air dispersion modeling results and tunnel kiln hourly HF emission rate data.

Hourly HF emission rates for each firing cycle and kiln must be based on raw material composition data, the latest stack test data, HF scrubber operation data, the HF control period for each firing cycle as specified in the Corning Incorporated Diesel Manufacturing Facility Control Period Matrix, and other engineering data as necessary.

The facility owner or operator must maintain records of the tunnel kiln HF emission rates and any supporting documentation or calculations. Records must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: FLUORIDES

Upper Permit Limit: 1.65 micrograms per cubic meter

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTIONAveraging Method: AVERAGING METHOD - SEE MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 138: Compliance Demonstration**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

**Applicable State Requirement: 6 NYCRR 257-4.2**

**Item 138.1:**

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

Emission Unit: U-00004	
Process: P05	Emission Source: S0023
Emission Unit: U-00004	
Process: P05	Emission Source: S0024
Emission Unit: U-00006	
Process: P09	Emission Source: S0620
Emission Unit: U-00006	
Process: P09	Emission Source: S0621
Regulated Contaminant(s):	
CAS No: 007664-39-3	HYDROGEN FLUORIDE

**Item 138.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

In accordance with 6 NYCRR 257-4 and the latest air dispersion modeling report, the facility owner or operator must evaluate and maintain documentation that hydrogen fluoride (HF) emissions continue to meet the monthly ambient air quality standard for fluorides under 6 NYCRR 257-4.2(b).

To demonstrate compliance with this requirement, the facility owner or operator must verify that hourly HF emissions from the simultaneously operating Tunnel Kilns 1-4 (ES S0023, S0024, S0620, and S0621, respectively) meet the ambient standard using an air dispersion model input scaling tool that is acceptable to the Department. Compliance will be evaluated using the scaling tool on a monthly basis, or more frequent as necessary, and must use the latest air dispersion modeling results and tunnel kiln hourly HF emission rate data.

Hourly HF emission rates for each firing cycle and kiln must be based on raw material composition data, the latest stack test data, HF scrubber operation data, the HF control period for each firing cycle as specified in the Corning Incorporated Diesel Manufacturing Facility Control Period Matrix, and other engineering data as necessary.

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

The facility owner or operator must maintain records of the tunnel kiln HF emission rates and any supporting documentation or calculations. Records must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: FLUORIDES  
 Upper Permit Limit: 0.8 micrograms per cubic meter  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: CALENDAR MONTH AVERAGE  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 139: Compliance Demonstration**  
**Effective between the dates of 10/10/2023 and 10/09/2028**

**Applicable State Requirement: 6 NYCRR 257-4.2**

**Item 139.1:**

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

Emission Unit: U-00004	
Process: P05	Emission Source: S0023
Emission Unit: U-00004	
Process: P05	Emission Source: S0024
Emission Unit: U-00006	
Process: P09	Emission Source: S0620
Emission Unit: U-00006	
Process: P09	Emission Source: S0621
Regulated Contaminant(s):	
CAS No: 007664-39-3	HYDROGEN FLUORIDE

**Item 139.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

In accordance with 6 NYCRR 257-4 and the latest air dispersion modeling report, the facility owner or operator must evaluate and maintain documentation that hydrogen fluoride (HF) emissions continue to meet the 24-hour ambient air quality standard for fluorides under 6 NYCRR 257-4.2(b).



Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108

Emission Unit: U-00006

Process: P09

Emission Source: S0620

Emission Unit: U-00006

Process: P09

Emission Source: S0621

Regulated Contaminant(s):

CAS No: 007664-39-3

HYDROGEN FLUORIDE

**Item 140.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

In accordance with 6 NYCRR 257-4 and the latest air dispersion modeling report, the facility owner or operator must evaluate and maintain documentation that hydrogen fluoride (HF) emissions continue to meet the 12-hour ambient air quality standard for fluorides under 6 NYCRR 257-4.2(b).

To demonstrate compliance with this requirement, the facility owner or operator must verify that hourly HF emissions from the simultaneously operating Tunnel Kilns 1-4 (ES S0023, S0024, S0620, and S0621, respectively) meet the ambient standard using an air dispersion model input scaling tool that is acceptable to the Department. Compliance will be evaluated using the scaling tool on a monthly basis, or more frequent as necessary, and must use the latest air dispersion modeling results and tunnel kiln hourly HF emission rate data.

Hourly HF emission rates for each firing cycle and kiln must be based on raw material composition data, the latest stack test data, HF scrubber operation data, the HF control period for each firing cycle as specified in the Corning Incorporated Diesel Manufacturing Facility Control Period Matrix, and other engineering data as necessary.

The facility owner or operator must maintain records of the tunnel kiln HF emission rates and any supporting documentation or calculations. Records must be maintained for a period of at least five years and made available to the Department upon request.

Parameter Monitored: FLUORIDES

Upper Permit Limit: 3.7 micrograms per cubic meter

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR



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AS THE AVG OF THE PAST 12 OPERATING  
HRS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Permit ID: 8-4642-00108/00002

Facility DEC ID: 8464200108