

Facility DEC ID: 5532600004

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-5326-00004/00049
Effective Date: 09/17/2021 Expiration Date: 09/16/2026

Permit Issued To: HOLLINGSWORTH & VOSE CO
112 WASHINGTON ST
EAST WALPOLE, MA 02032-1098

Contact: VIRGINIA L HAWRYSZ
HOLLINGSWORTH & VOSE CO
3235 CO RTE 113
GREENWICH, NY 12834
(518) 695-8175

Facility: HOLLINGSWORTH & VOSE-EASTON MILL
3235 CO RTE 113
GREENWICH, NY 12834

Description:

Hollingsworth & Vose Company's Easton Facility is a manufacturer of technical industrial papers and other non-woven fabrics located in the Town of Easton, Washington County. At this facility, various papers or fabrics are formed, coated/saturated and dried/cured using three different paper machines. In all cases, the process begins by spreading a slurry containing wood pulp and/or other fiber onto a former and removing the moisture to form a paper or fabric web. For some formulations, a coating is sprayed onto the web during this part of the process in order to facilitate operations that occur further down the line. All wood pulp and/or other fiber used in the process is purchased from outside suppliers.

From here, the process varies depending upon the product being made. In some cases, no further processing occurs. In most cases, coatings (i.e., binders) are applied and the web is dried again. Sometimes, additional coatings are applied. The paper machines also can cure certain coatings by using natural gas fired curing units. The finished product is rolled into large rolls which may be converted into smaller sizes prior to packaging and shipment.

Processes performed on the three paper machines are grouped together as Emission Unit U-PAPER, and are regulated under 6 NYCRR Part 212, 6 NCYRR Part 228, 40 CFR 63 Subpart JJJJ 40 CFR 63 Subpart OOOO. Emissions of formaldehyde has been limited in order to comply with requirements contained in Section 212-2.1. Monitoring and record keeping of product usage, formulations produced and resulting application

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rate is required in order to demonstrate compliance with the application rate limits. Also, coating processes must use compliant coatings as specified in Subdivision 228-1.4(d), 63.3320(b)(3) and 63.4291(a)(2), as applicable. These limit the quantity of volatile organic compounds (VOC) and Hazardous Air Pollutants (HAPs) which are emitted during coating operations.

For some of the coatings used, ingredients are first dispersed in a mixer (Emission Source MIXR1) before being charged to the coater head tank. This mixer is the only Emission Source in Emission Unit U-MIXRS and is regulated under 6 NYCRR Part 212. In many cases, coatings are mixed in other tanks which are exempt from permitting requirements.

Pulp from the broke (i.e., the wastepaper from the process) is recovered by first dissolving the material in the Broke Beater (ES BEATR) and then washing the resulting pulp slurry in the Broke Washer (ES WASHR). It is then re-used in the process. Emission Unit U-BROKE covers these emission sources, which are regulated under 6 NYCRR Part 212.

Steam heated can dryers are used to dry the paper or fabric web, with steam provided by two dual fueled (natural gas/No. 6 fuel oil) boilers having rated capacities of 43.4 mmBTU/hr and 32.5 mmBTU/hr heat input (Emission Sources 00001 and 00002). For Paper Machine No. 10, drying is aided by a Thru-dryer, fired with natural gas. This dryer is exempt from permitting requirements. The two boilers are grouped together as Emission Unit U-BOILR. Particulates and Hazardous Air Pollutants (HAPs) and are regulated under 6 NYCRR Part 227 and 40 CFR 63, Subpart DDDDD, respectively. Emissions of Sulfur Dioxide (SO₂) and Oxides of Nitrogen (NO_x) from this facility have been capped at 169 tpy and 83 tpy, respectively. These caps were established in 1995 to prevent the need for a full Prevention of Significant Deterioration (PSD) review, under 40 CFR 52.21(i), when Paper Machine No. 8 was installed. The cap on NO_x emissions also serves to cap the combustion units out of Reasonably Available Control Technology (RACT) requirements contained in 6 NYCRR Subpart 227-2 for that contaminant. Monitoring, recordkeeping and reporting of fuel use are required to demonstrate compliance with these limits. Fuel use for the entire facility is monitored, thereby appropriately accounting for SO₂ and NO_x emissions from several exempt combustion units in the totals. Notification requirements contained in National Emissions Standards for Hazardous Air Pollutants (NESHAP) for industrial boilers, under 40CFR 63, Subpart DDDDD, has been provided. Since, the boilers are currently classified as gas only there are no additional Subpart DDDDD requirements at this time.

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In addition to formaldehyde, HAPs, VOC, SO₂ and NO_x, the facility is regulated for the following pollutants: Carbon Monoxide (CO), Particulates (PM), and Sulfuric Acid. The facility has the potential to emit SO₂ above the Title V major source thresholds.

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: BETH A MAGEE
 NYSDEC - WARRENSBURG SUBOFFICE
 232 GOLF COURSE RD
 WARRENSBURG, NY 12885-1172

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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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

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submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 5

SUBOFFICE - WARRENSBURG

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 5 Sub-office
Division of Environmental Permits
232 Golf Course Road
Warrensburg, NY 12885-1172
(518) 623-1281

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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112 WASHINGTON ST
EAST WALPOLE, MA 02032-1098

Facility: HOLLINGSWORTH & VOSE-EASTON MILL
3235 CO RTE 113
GREENWICH, NY 12834

Authorized Activity By Standard Industrial Classification Code:
2621 - PAPER MILLS EXC BUILDING PAPER

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36	39	40CFR 60, NSPS Subpart JJJJ: Applicability
37	40	40CFR 63.7495(d), Subpart DDDDD: Notification requirements
37	41	40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
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- 40 44 40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
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- 43 46 40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
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- 50 56 40CFR 63.7540(a)(10), Subpart DDDDD: Compliance Certification
- 52 57 40CFR 63.7540(a)(12), Subpart DDDDD: Compliance Certification
- 52 58 40CFR 63.7545(d), Subpart DDDDD: Performance test notification
- 53 59 40CFR 63.7545(e), Subpart DDDDD: Notification of compliance status
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- 54 61 40CFR 63.7545(h), Subpart DDDDD: Fuel switching notification
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- 59 68 40CFR 63.7555(d), Subpart DDDDD: Compliance Certification
- 59 69 40CFR 63.7555(e), Subpart DDDDD: Compliance Certification
- 60 70 40CFR 63.7560, Subpart DDDDD: Compliance Certification
- 61 71 40CFR 63.7565, Subpart DDDDD: General provisions
- 61 72 40CFR 63.Tbl 2, Subpart JJJJ: Subpart A Requirements for Subpart JJJJ
- 61 73 40CFR 63.3320(b)(3), Subpart JJJJ: Compliance Certification
- 62 74 40CFR 63.3370(c), Subpart JJJJ: Compliance Certification
- 64 75 40CFR 63.3400(c)(2), Subpart JJJJ: Compliance Certification
- 66 76 40CFR 63.3410(a), Subpart JJJJ: Compliance Certification
- 67 77 40CFR 63.4291(a)(2), Subpart OOOO: Compliance Certification
- 69 78 40CFR 63.4311(f), Subpart OOOO: Electronic Reporting
- 70 79 40CFR 63.4311(g), Subpart OOOO: Electronic Reporting System Outage
- 70 80 40CFR 63.4311(h), Subpart OOOO: Electronic Reporting
During Force Majeure Events
- 71 81 40CFR 63.4312, Subpart OOOO: Compliance Certification
- 73 82 40CFR 63, Subpart ZZZZ: Applicability
- Emission Unit Level**
- 73 83 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 75 84 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- EU=U-BOILR,EP=00018**
- 78 85 6 NYCRR 227-1.4 (a): Compliance Certification
- 79 86 6 NYCRR 228-1.3 (b) (1): Compliance Certification
- 80 87 6 NYCRR 228-1.6 (a): Compliance Certification
- 81 88 6 NYCRR 228-1.6 (h): Compliance Certification

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EU=U-PAPER,Proc=017

82 89 40CFR 63.4301, Subpart OOOO: General Provisions

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84 90 ECL 19-0301: Contaminant List
85 91 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
86 92 6 NYCRR 201-6.5 (a): CLCPA Applicability
86 93 6 NYCRR 211.1: Air pollution prohibited
86 94 6 NYCRR 212-1.3: Compliance Demonstration
87 95 6 NYCRR 212-1.5 (g): Maintain all process emission
sources, including the associated air pollution control and monitoring
equipment
87 96 6 NYCRR 212-1.6 (a): Compliance Demonstration
89 97 6 NYCRR 212-1.7 (a): Compliance Demonstration
90 98 6 NYCRR 212-2.1: Compliance Demonstration
92 99 6 NYCRR 212-2.1 (a): Compliance Demonstration
92 100 6 NYCRR 212-2.1 (a): Compliance Demonstration
93 101 6 NYCRR 212-2.1 (a): Compliance Demonstration
94 102 6 NYCRR 212-2.4 (b): Compliance Demonstration

Emission Unit Level

EU=U-PAPER

96 103 6 NYCRR 212-1.5 (e) (2): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 4/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

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reissuance, or termination, or of a notification of 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

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facility for any violation of applicable requirements prior to or at the time of permit issuance;

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

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

Item 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

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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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 09/17/2021 and 09/16/2026**

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

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contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 09/17/2021 and 09/16/2026

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 09/17/2021 and 09/16/2026

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 09/17/2021 and 09/16/2026

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

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reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

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,

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

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

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

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual

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report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

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

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specified in any special permit terms or conditions;
and

- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

Chief – 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
Region 5 Suboffice
232 Golf Course Road
Warrensburg, NY 12885-1172

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

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625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

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.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 09/17/2021 and 09/16/2026

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 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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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 09/17/2021 and 09/16/2026

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 09/17/2021 and 09/16/2026

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 09/17/2021 and 09/16/2026

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 09/17/2021 and 09/16/2026

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.

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Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 14.1:

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 15: Requirement to Provide Information
Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 15.1:

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 16: Right to Inspect
Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 16.1:

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

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Condition 17: Required Emissions Tests
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 17.1:

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 18: Accidental release provisions.
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40 CFR Part 68

Item 18.1:

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 19: Recycling and Emissions Reduction
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 82, Subpart F

Item 19.1:

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

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

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Condition 20: Emission Unit Definition

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 20.1:

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

Emission Unit: U-BOILR

Emission Unit Description:

Two (2) boilers with combined heat input capacity of 75.9 mmBtu/hr fired with either No. 6 fuel oil or natural gas.

Building(s): BOILERHOUS

Item 20.2:

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

Emission Unit: U-BROKE

Emission Unit Description:

Broke is processed for reuse in paper making operations. It is first broken down using caustic and steam heat in a beater type mixer (PR 003) vented to emission point 00024. Then washed in a process also using caustic and steam heat in a beater type mixer (PR 004) vented to emission point 00025.

Building(s): EASTON MIL

Item 20.3:

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

Emission Unit: U-MIXRS

Emission Unit Description:

Chemical mixing exhaust system - includes one mixing tank (ES MIXR1) used for mixing of ingredients such as clay and titanium dioxide with liquid ingredients and vented to Emission Point No. 009A7.

Building(s): EASTON MIL

Item 20.4:

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

Emission Unit: U-PAPER

Emission Unit Description:

Paper making operations on Paper Machine Nos. 8, 9 and 10. This includes forming, drying and coating/saturating of a paper or fabric web on each of the three machines. Paper Machine Nos. 8, 9 and 10 also have natural gas fired curing units to enhance sheet properties through additional drying.

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Building(s): EASTON MIL

Condition 21: Progress Reports Due Semiannually
Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 21.1:

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 22: Operational Flexibility
Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 22.1:

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 23: Operational Flexibility
Effective between the dates of 09/17/2021 and 09/16/2026

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

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: Facility Permissible Emissions

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Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 24.1:

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: 007446-09-5	PTE: 338,000 pounds per year
Name: SULFUR DIOXIDE	

CAS No: 0NY210-00-0	PTE: 166,000 pounds per year
Name: OXIDES OF NITROGEN	

Condition 25: Capping Monitoring Condition

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 25.1:

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 227-2
 6 NYCRR Subpart 231-2
 40 CFR 52.21

Item 25.2:

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

Item 25.3:

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 25.4:

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 25.5:

The emission of pollutants that exceed the applicability thresholds for an applicable

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requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 25.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 25.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility-wide emissions of NO_x shall not exceed 83 tons per year (166,000 lbs/yr) as determined by summing monthly NO_x emissions during any consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the NO_x emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling twelve (12) month period, fuel use (both No. 6 fuel oil and natural gas) and emission factors used in calculating emissions. AP-42 or other approved emission factors shall be used to determine emissions from exempt sources.

Monthly fuel usage quantities shall be used to calculate corresponding monthly NO_x emissions according to the following formulas for the specific fuel burned:

Natural Gas:

$$\text{NO}_x \text{ (lbs/month)} = 0.0001 \text{ lbs/std. cu. ft.} \times \text{NG}$$

where NG is the amount of natural gas burned per month, in standard cubic feet

No. 6 Fuel Oil:

$$\text{NO}_x \text{ (lbs/month)} = 5\text{E-}7 \text{ lbs/BTU} \times 153,300 \text{ BTU/gal} \times \text{FO}$$

where FO is the number of gallons of No. 6 fuel oil burned per month

Parameter Monitored: OXIDES OF NITROGEN

Permit ID: 5-5326-00004/00049

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Upper Permit Limit: 83 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Capping Monitoring Condition
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 26.1:

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 227-2
6 NYCRR Subpart 231-2
40 CFR 52.21

Item 26.2:

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

Item 26.3:

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 26.4:

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 26.5:

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 26.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Permit ID: 5-5326-00004/00049

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

Item 26.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

On an annual basis, the responsible official shall provide a certification to the Department that the facility has operated all emission sources, including exempt sources, within the limits imposed by the emission caps' This certification shall include the following information for each of the twelve (12) consecutive months of the previous year:

1. the amount of fuel used (both No. 6 fuel oil and natural gas);
2. SO₂ and NO_x emissions generated, in pounds/month;
3. the rolling annual total of SO₂ and NO_x emissions, in tons per year; and
4. the threshold levels to which the annual totals are being compared.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 27: Capping Monitoring Condition
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 27.1:

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 27.2:

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

Item 27.3:

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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 27.4:

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 27.5:

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 27.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility-wide emissions of SO₂ shall not exceed 169 tons per year (338,000 lbs/yr) as determined by summing monthly SO₂ emissions during any consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the SO₂ emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling twelve (12) month period, fuel use (both No. 6 fuel oil and natural gas) and emission factors used in calculating emissions. AP-42 or other approved emission factors shall be used to determine emissions from exempt sources.

Monthly fuel usage quantities shall be used to calculate corresponding monthly SO₂ emissions according to the following formulas for the specific fuel burned:

Natural Gas:

Permit ID: 5-5326-00004/00049

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$$\text{SO}_2 \text{ (lbs/month)} = 6E-7 \text{ lbs/std. cu. ft.} \times \text{NG}$$

where NG is the amount of natural gas burned per month,
in standard cubic feet

No. 6 Fuel Oil:

$$\text{SO}_2 \text{ (lbs/month)} = .157S \text{ lbs/gallon} \times \text{FO}$$

where FO is the gallons of No. 6 fuel oil burned per
month; and

S is the sulfur content of the No. 6 fuel oil
burned, %
(assumed to be 0.5% unless documentation
shows
otherwise)

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 169 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 28: Visible Emissions Limited
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR 211.2

Item 28.1:

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 29: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR 212-1.5 (d)

Item 29.1:

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

Emission Unit: U-PAPER

Process: 016

Emission Source: DRY10

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

Item 29.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To assure compliance with T-BACT requirements while producing PM-10 Filter, the facility shall continuously monitor and record the hourly formaldehyde application rates. The facility shall not exceed a formaldehyde application rate of 0.31 pounds per hour (Renewal 4 Application). This hourly formaldehyde application rate limit may be revised at the Department's discretion.

The coating formulation being run on each paper machine shall be monitored and recorded along with date, time and duration of the run to document that the hourly formaldehyde application rate is not exceeded. The records shall include acceptable calculations of the formaldehyde hourly application rate.

The facility is subject to the startup, shutdown, and malfunction provisions in accordance with 6 NYCRR 201-1.4.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: .31 pounds per hour

Monitoring Frequency: CONTINUOUS

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 1/30/2022.

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

Condition 30: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR 212-1.5 (d)**Item 30.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-PAPER

Process: 017

Emission Source: 0DRY9

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To assure compliance with T-BACT requirements while producing PM-9 Filter, the facility shall continuously monitor and record the hourly formaldehyde application rates. The facility shall not exceed a formaldehyde application rate of 0.70 pounds per hour (Renewal 4 Application). This hourly formaldehyde application rate limit may be revised at the Department's discretion.

The coating formulation being run on each paper machine shall be monitored and recorded along with date, time and duration of the run to document that the hourly formaldehyde application rate is not exceeded. The records shall include acceptable calculations of the formaldehyde hourly application rate.

The facility is subject to the startup, shutdown, and malfunction provisions in accordance with 6 NYCRR 201-1.4.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: 0.70 pounds per hour

Monitoring Frequency: CONTINUOUS

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 1/30/2022.

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

Condition 31: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR 212-1.5 (d)

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-PAPER

Process: 016

Emission Source: DRY10

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Regulated Contaminant(s):
 CAS No: 000050-00-0 FORMALDEHYDE

Item 31.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To assure compliance with T-BACT requirements while producing PM-10 Reformulated Filter, the facility shall continuously monitor and record the hourly formaldehyde application rates. The facility shall not exceed a formaldehyde application rate of 0.06 pounds per hour (Renewal 4 Application). This hourly formaldehyde application rate limit may be revised at the Department’s discretion.

The coating formulation being run on each paper machine shall be monitored and recorded along with date, time and duration of the run to document that the hourly formaldehyde application rate is not exceeded. The records shall include acceptable calculations of the formaldehyde hourly application rate.

The facility is subject to the startup, shutdown, and malfunction provisions in accordance with 6 NYCRR 201-1.4.

Parameter Monitored: FORMALDEHYDE
 Upper Permit Limit: 0.06 pounds per hour
 Monitoring Frequency: CONTINUOUS
 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 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 32: Compliance Certification
 Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR 212-1.5 (d)

Item 32.1:

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

Emission Unit: U-PAPER
 Process: 017 Emission Source: 0DRY9

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

Item 32.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To assure compliance with T-BACT requirements while producing PM-9 Non-Woven, the facility shall continuously monitor and record the hourly formaldehyde application rates. The facility shall not exceed a formaldehyde application rate of 0.80 pounds per hour (Renewal 4 Application). This hourly formaldehyde application rate limit may be revised at the Department's discretion.

The coating formulation being run on each paper machine shall be monitored and recorded along with date, time and duration of the run to document that the hourly formaldehyde application rate is not exceeded. The records shall include acceptable calculations of the formaldehyde hourly application rate.

The facility is subject to the startup, shutdown, and malfunction provisions in accordance with 6 NYCRR 201-1.4.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: .80 pounds per hour

Monitoring Frequency: CONTINUOUS

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 1/30/2022.

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

Condition 33: Compliance Certification**Effective between the dates of 09/17/2021 and 09/16/2026****Applicable Federal Requirement: 6 NYCRR 225-1.2 (c)****Item 33.1:**

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Monitoring Description:

Owners or operators of emission sources that fire residual oil are limited to a 0.50 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: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)
 Parameter Monitored: SULFUR CONTENT
 Upper Permit Limit: 0.50 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 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

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

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

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 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
 Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 35.1:
 The Compliance Certification activity will be performed for the Facility.

Item 35.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions.

This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

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3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Subpart must:

(a) use closed, non-leaking containers to store or dispose

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of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;

(b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;

(c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;

(d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;

(e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;

(f) minimize spills during the handling and transfer of coatings and VOC solvents; and

(g) clean hand held spray guns by one of the following:

(1) an enclosed spray gun cleaning system that is kept closed when not in use;

(2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR 228-1.4 (d) (2)

Item 37.1:

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

Emission Unit: U-PAPER	
Process: 016	Emission Source: 0DRY9

Emission Unit: U-PAPER	
Process: 017	Emission Source: 0DRY9

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility applying coatings to magnet wire, metal cans, coils, vinyl and fabric may not use coatings with VOC contents, as applied, which exceed the limits specified in table D-1. The units in table D-1 are in terms of pounds of VOC per gallon of coating (minus water and excluded compounds) at application.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.9 pounds per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 38: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR 228-1.4 (d) (3)

Item 38.1:

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

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

Emission Unit: U-PAPER Process: 016	Emission Source: 0DRY9
Emission Unit: U-PAPER Process: 016	Emission Source: DRY10
Emission Unit: U-PAPER Process: 017	Emission Source: 0DRY9
Emission Unit: U-PAPER Process: AAA	Emission Source: 00PM8

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility applying coatings to paper film and foil may not use coatings with VOC contents, as applied, which exceed the limits specified in table D-2. The units in table D-2 are in terms of weight of VOC per weight of coating applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: .08 kilograms VOC per kilogram as applied

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 39: Applicability

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 60, NSPS Subpart JJJJ

Item 39.1:

Facilities that have stationary spark ignition internal combustion engines must comply with applicable portions of 40 CFR 60 subpart JJJJ.

Condition 40: Notification requirements

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7495(d), Subpart DDDDD

Item 40.1:

The owner or operator of an affected boiler must meet the notification requirements in 40 CFR 63.7545 according to the schedule in 40 CFR 63.7545 and in 40 CFR 63 subpart A. Some of the notifications must be submitted before the owner or operator is required to comply with the emission limits and work practice standards in subpart DDDDD.

Condition 41: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7500(a)(1), Subpart DDDDD

Item 41.1:

The Compliance Certification activity will be performed for the Facility.

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Boilers with a heat input capacity of 10 million Btu per hour or greater must conduct an annual tune-up as specified in 40 CFR 63.7540(a)(10) and must be conducted no more than 13 months after the previous tune-up. New or reconstructed boilers must conduct the first annual tune-up no later than 13 months after the initial startup of the affected source.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 42: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7500(a)(1), Subpart DDDDD

Item 42.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 42.2:

Compliance Certification shall include the following monitoring:

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional heavy liquid fuel-fired boiler with heat input capacity of 10 million Btu per hour or greater located at a major source of HAP emissions must limit the concentration of carbon monoxide emissions.

The concentration limit for carbon monoxide is 130 ppmvd or less corrected to 3% oxygen based on the average of three runs. Each run must be for at least one hour.

The performance stack test must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant. The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 130 parts per million by volume
(dry, corrected to 3% oxygen)

Reference Test Method: see table 5.5 of subpart DDDDD

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTIONAveraging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.7500(a)(1), Subpart DDDDD

Item 43.1:
 The Compliance Certification activity will be performed for the Facility.

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

Item 43.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional heavy liquid fuel-fired boiler with heat input capacity of 10 million Btu per hour or greater located at a major source of HAP emissions must limit the concentration of filterable particulate matter emissions.

The concentration limit for filterable particulate matter is 0.062 lb/mmBtu of heat input or less based on the average of three runs. Each run must collect a minimum of one dry standard cubic meter.

The performance stack test must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant. The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Upper Permit Limit: 0.062 pounds per million Btus
 Reference Test Method: see table 5.1 of subpart DDDDD
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 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 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.7500(a)(1), Subpart DDDDD

Item 44.1:
 The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
 CAS No: 0NY507-00-0
 40 CFR 63 SUBPART DDDDD TOTAL SELECTED METALS

Item 44.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional heavy liquid fuel-fired boiler with heat input capacity of 10 million Btu per hour or greater located at a major source of HAP emissions must limit the concentration of total selected metal (TSM) emissions. TSM consists of the sum of the following metallic hazardous air pollutants: arsenic, beryllium, cadmium, chromium, lead, manganese, nickel, and selenium.

The concentration limit for TSM is 0.00020 lb/mmBtu of heat input or less based on the average of three runs. Each run must collect a minimum of one dry standard cubic meter.

Permit ID: 5-5326-00004/00049

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The performance stack test must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant. The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Upper Permit Limit: 0.00020 pounds per million Btus
 Reference Test Method: see table 5.2 of subpart DDDDD
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 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 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.7500(a)(1), Subpart DDDDD

Item 45.1:
 The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
 CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 45.2:

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Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional liquid fuel-fired boiler with heat input capacity of 10 million Btu per hour or greater located at a major source of HAP emissions must limit the concentration of hydrogen chloride emissions.

The concentration limit for hydrogen chloride is 0.0011 lb/mmBtu of heat input or less based on the average of three runs. If using method 26A, each run must collect a minimum of two dry standard cubic meters and if using method 26 each run must collect a minimum of 240 liters.

The performance stack test must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant. The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 0.0011 pounds per million Btus

Reference Test Method: see table 5.3 of subpart DDDDD

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

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DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 46: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7500(a)(1), Subpart DDDDD

Item 46.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional liquid fuel-fired boiler with heat input capacity of 10 million Btu per hour or greater located at a major source of HAP emissions must limit the concentration of mercury emissions.

The concentration limit for mercury is 0.0000020 (2.0E-06) lb/mmBtu of heat input or less based on the average of three runs. If using method 29, each run must collect a minimum of three dry standard cubic meters, if using method 30A or B, each run must collect a minimum sample volume as specified in the method, and if using ASTM D6784 each run must collect a minimum of two dry standard cubic meters.

The performance stack test must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant. The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the

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provisions in 40 CFR 63.7530.

Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Parameter Monitored: MERCURY

Upper Permit Limit: 0.0000020 pounds per million Btus

Reference Test Method: see table 5.4 of subpart DDDDD

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 1/30/2022.

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

Condition 47: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.7500(a)(2), Subpart DDDDD

Item 47.1:

The Compliance Certification activity will be performed for the Facility.

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an industrial, commercial, or institutional boiler with an oxygen analyzer system to demonstrate compliance with a carbon monoxide emission limit must maintain the 30-day rolling average oxygen level of the stack gas such that it is not below the lowest required hourly average oxygen concentration measured during the most recent CO performance test. This requirement does not apply to units that install an oxygen trim system since these units will set the trim system to the level specified in 40 CFR 63.7525(a).

This limit will be established according to Table 7 of subpart DDDDD and compliance will be demonstrated

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according to Table 8 of subpart DDDDD.

Monitoring Frequency: CONTINUOUS
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 48: Good air pollution control practices
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7500(a)(3), Subpart DDDDD

Item 48.1:

At all times, the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

Condition 49: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7505(d), Subpart DDDDD

Item 49.1:

The Compliance Certification activity will be performed for the Facility.

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators demonstrating compliance with any applicable emission limit through performance testing and subsequent compliance with operating limits (including the use of CPMS), or with a CEMS, or COMS must develop a site-specific monitoring plan according to the requirements in paragraphs (1) through (4) for the use of any CEMS, COMS, or CPMS. This requirement also applies to the owner or operator if he/she petitions the EPA Administrator for alternative monitoring parameters under 40 CFR 63.8(f).

(1) For each CMS required in this section (including CEMS, COMS, or CPMS), the owner or operator must develop, and submit to the Administrator for approval upon request, a site-specific monitoring plan that addresses design, data collection, and the quality assurance and quality control

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elements outlined in 40 CFR 63.8(d) and the elements described in paragraphs (i) through (iii). The owner or operator must submit this site-specific monitoring plan, if requested, at least 60 days before his/her initial performance evaluation of the CMS. This requirement to develop and submit a site-specific monitoring plan does not apply to affected sources with existing CEMS or COMS operated according to the performance specifications under appendix B to part 60 and that meet the requirements of 40 CFR 63.7525. Using the process described in 40 CFR 63.8(f)(4), the owner or operator may request approval of alternative monitoring system quality assurance and quality control procedures in place of those specified in this paragraph and, if approved, include the alternatives in his/her site-specific monitoring plan.

(i) Installation of the CMS sampling probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device);

(ii) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems; and

(iii) Performance evaluation procedures and acceptance criteria (e.g., calibrations, accuracy audits, analytical drift).

(2) In the site-specific monitoring plan, the owner or operator must also address paragraphs (i) through (iii).

(i) Ongoing operation and maintenance procedures in accordance with the general requirements of 40 CFR 63.8(c)(1)(ii), (c)(3), and (c)(4)(ii);

(ii) Ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR 63.8(d); and

(iii) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of 40 CFR 63.10(c) (as applicable in Table 10 subpart DDDDD), (e)(1), and (e)(2)(i).

(3) The owner or operator must conduct a performance evaluation of each CMS in accordance with the site-specific monitoring plan.

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(4) The owner or operator must operate and maintain the CMS in continuous operation according to the site-specific monitoring plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 50: Initial compliance date for existing sources
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7510(e), Subpart DDDDD

Item 50.1:

The owner or operator of an existing affected sources (as defined in 40 CFR 63.7490) must complete the initial compliance demonstration, as specified in 40 CFR 63.7510(a) through (d), no later than 180 days after the compliance date that is specified for his/her source in 40 CFR 63.7495 and according to the applicable provisions in 40 CFR 63.7(a)(2) as cited in Table 10 to subpart DDDDD, except as specified in 40 CFR 63.7510(j). The owner or operator must complete an initial tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) no later than the compliance date specified in 40 CFR 63.7495, except as specified in 40 CFR 63.7510(j). The owner or operator must complete the one-time energy assessment specified in Table 3 to subpart DDDDD no later than the compliance date specified in 40 CFR 63.7495.

Condition 51: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7525(d), Subpart DDDDD

Item 51.1:

The Compliance Certification activity will be performed for the Facility.

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator that has an operating limit that requires the use of a CMS other than a PM CPMS or COMS must install, operate, and maintain each CMS according to the procedures in 40 CFR 63.7525(d)(1) through (5) by the compliance date specified in 40 CFR 63.7495.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 52: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

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Applicable Federal Requirement:40CFR 63.7530(b), Subpart DDDDD**Item 52.1:**

The Compliance Certification activity will be performed for the Facility.

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator that demonstrates compliance through performance testing must establish each site-specific operating limit in Table 4 to subpart DDDDD that applies to the facility according to the requirements in 40 CFR 63.7520, Table 7 to subpart DDDDD, and 40 CFR 63.7530(b)(4), as applicable. The owner or operator must also conduct or obtain fuel analyses according to 40 CFR 63.7521 and establish maximum fuel pollutant input levels according to 40 CFR 63.7530(b)(1) through (3), as applicable, and as specified in 40 CFR 63.7510(a)(2). (Note that 40 CFR 63.7510(a)(2) exempts certain fuels from the fuel analysis requirements.) However, if the owner or operator switches fuel(s) and cannot show that the new fuel(s) does (do) not increase the chlorine, mercury, or TSM input into the unit through the results of fuel analysis, then he/she must repeat the performance test to demonstrate compliance while burning the new fuel(s).

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 1/30/2022.

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

Condition 53: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7530(e), Subpart DDDDD**Item 53.1:**

The Compliance Certification activity will be performed for the Facility.

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must include with the Notification of Compliance Status a signed certification that the energy assessment was completed according to Table 3 to subpart DDDDD and is an accurate depiction of the facility

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at the time of the assessment.

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 1/30/2022.

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

Condition 54: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7530(h), Subpart DDDDD

Item 54.1:

The Compliance Certification activity will be performed for the Facility.

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a unit subject to emission limits in Tables 1 or 2 or 11 through 13 to subpart DDDDD must meet the work practice standard according to Table 3 of subpart DDDDD. During startup and shutdown, the owner or operator must only follow the work practice standards according to item 5 of Table 3 of subpart DDDDD.

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 1/30/2022.

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

Condition 55: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7540(a), Subpart DDDDD

Item 55.1:

The Compliance Certification activity will be performed for the Facility.

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an industrial, commercial, and institutional boiler or process heater must demonstrate continuous compliance with each emission limit in Tables 1

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and 2 or 11 through 13 to subpart DDDDD, the work practice standards in Table 3 to subpart DDDDD, and the operating limits in Table 4 to subpart DDDDD that applies to you according to the methods specified in Table 8 to subpart DDDDD and 40 CFR 63.7540(a)(1) through (19).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 56: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.7540(a)(10), Subpart DDDDD

Item 56.1:

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

Emission Unit: U-BOILR

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a boiler or process heater that has a heat input capacity of 10 million Btu per hour or greater must conduct an annual tune-up of the boiler or process heater to demonstrate continuous compliance as specified in paragraphs (i) through (vi) below. The owner or operator must conduct the tune-up while burning the type of fuel (or fuels in case of units that routinely burn a mixture) that provided the majority of the heat input to the boiler or process heater over the 12 months prior to the tune-up. This frequency does not apply to limited-use boilers and process heaters, as defined in 40 CFR 63.7575, or units with continuous oxygen trim systems that maintain an optimum air to fuel ratio.

(i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the owner or operator may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

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(ii) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

(iii) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection;

(iv) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOx requirement to which the unit is subject;

(v) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

(vi) Maintain on-site and submit, if requested by the Administrator, a report containing the information in paragraphs (A) through (C) below,

(A) The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;

(B) A description of any corrective actions taken as a part of the tune-up; and

(C) The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

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 1/30/2022.

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

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Condition 57: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7540(a)(12), Subpart DDDDD

Item 57.1:

The Compliance Certification activity will be performed for the Facility.

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler or process heater that has a continuous oxygen trim system that maintains an optimum air to fuel ratio, or a heat input capacity of less than or equal to 5 million Btu per hour and the unit is in the units designed to burn gas 1; units designed to burn gas 2 (other); or units designed to burn light liquid subcategories, or meets the definition of limited-use boiler or process heater in 40 CFR 63.7575 must conduct a tune-up of the boiler or process heater every 5 years as specified in 40 CFR 63.7540 (a)(10)(i) through (vi) to demonstrate continuous compliance. The owner or operator may delay the burner inspection specified in 40 CFR 63.7540(a)(10)(i) until the next scheduled or unscheduled unit shutdown, but must inspect each burner at least once every 72 months. If an oxygen trim system is utilized on a unit without emission standards to reduce the tune-up frequency to once every 5 years, set the oxygen level no lower than the oxygen concentration measured during the most recent tune-up.

Monitoring Frequency: Once every five years

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 58: Performance test notification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7545(d), Subpart DDDDD

Item 58.1:

Owners and operators that are required to conduct a performance test must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin.

Condition 59: Notification of compliance status

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Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7545(e), Subpart DDDDD**Item 59.1:**

Owners and operators that are required to conduct an initial compliance demonstration as specified in 40 CFR 63.7530 must submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii). For the initial compliance demonstration for each affected source, the owner or operator must submit the Notification of Compliance Status, including all performance test results and fuel analyses, before the close of business on the 60th day following the completion of all performance test and/or other initial compliance demonstrations for the affected source according to 40 CFR 63.10(d)(2). The Notification of Compliance Status report must contain all the information specified in 40 CFR 63.7545(e)(1) through (8), as applicable. If the owner or operator is not required to conduct an initial compliance demonstration as specified in 40 CFR 63.7530(a), the Notification of Compliance Status must only contain the information specified in 40 CFR 63.7545(e)(1) and (8) and must be submitted within 60 days of the compliance date specified at 40 CFR 63.7495(b).

Condition 60: Use of alternative fuel notification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7545(f), Subpart DDDDD**Item 60.1:**

Owners and operators that operate a unit designed to burn natural gas, refinery gas, or other gas 1 fuels that is subject to subpart DDDDD, and intend to use a fuel other than natural gas, refinery gas, gaseous fuel subject to another subpart of part 60, 61, 63, or 65, or other gas 1 fuel to fire the affected unit during a period of natural gas curtailment or supply interruption, as defined in 40 CFR 63.7575 must submit a notification of alternative fuel use within 48 hours of the declaration of each period of natural gas curtailment or supply interruption, as defined in 40 CFR 63.7575. The notification must include the information specified in paragraphs (1) through (5).

- (1) Company name and address.
- (2) Identification of the affected unit.
- (3) Reason unable to use natural gas or equivalent fuel, including the date when the natural gas curtailment was declared or the natural gas supply interruption began.
- (4) Type of alternative fuel that he/she intends to use.
- (5) Dates when the alternative fuel use is expected to begin and end.

Condition 61: Fuel switching notification

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Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7545(h), Subpart DDDDD

Item 61.1:

Owners or operators that have switched fuels or made a physical change that resulted in the applicability of a different subcategory must provide notice of the date upon which the source switched fuels or made the physical change within 30 days of the switch/change. The notification must identify:

- (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) and process heater(s) that will switch fuels, were physically changed, and the date of the notice.
- (2) The currently applicable subcategory under this subpart.
- (3) The date on which the fuel switch or physical change occurred.

Condition 62: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7550(b), Subpart DDDDD

Item 62.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-BOILR

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator must submit each report, according to 40 CFR 63.7550(h), by the date in Table 9 to subpart DDDDD and according to the requirements in paragraphs (1) through (4). For units that are subject only to a requirement to conduct subsequent annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(10), (11), or (12), respectively, and not subject to emission limits or Table 4 operating limits, the owner or operator may submit only an annual, biennial, or 5-year compliance report, as applicable, as specified in paragraphs (1) through (4), instead of a semi-annual compliance report.

- (1) The first semi-annual compliance report must cover the

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period beginning on the compliance date that is specified for each boiler or process heater in 40 CFR 63.7495 and ending on June 30 or December 31, whichever date is the first date that occurs at least 180 days after the compliance date that is specified for the owner or operator's source in 40 CFR 63.7495. If submitting an annual, biennial, or 5-year compliance report, the first compliance report must cover the period beginning on the compliance date that is specified for each boiler or process heater in 40 CFR 63.7495 and ending on December 31 within 1, 2, or 5 years, as applicable, after the compliance date that is specified for the owner or operator's source in 40 CFR 63.7495.

(2) The first semi-annual compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for each boiler or process heater in 40 CFR 63.7495. The first annual, biennial, or 5-year compliance report must be postmarked or submitted no later than January 31.

(3) Each subsequent semi-annual compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. Annual, biennial, and 5-year compliance reports must cover the applicable 1-, 2-, or 5-year periods from January 1 to December 31.

(4) Each subsequent semi-annual compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. Annual, biennial, and 5-year compliance reports must be postmarked or submitted no later than January 31.

(5) For each affected source that is subject to permitting regulations pursuant to part 70 or part 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 71.6(a)(3)(iii)(A), the owner or operator may submit the first and subsequent compliance reports according to the dates the permitting authority has established in the permit instead of according to the dates in paragraphs (1) through (4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 63: Compliance Certification

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7550(c), Subpart DDDDD

Item 63.1:

The Compliance Certification activity will be performed for the Facility.

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The compliance report must contain the information required in 40 CFR 63.7550(c)(1) through (5).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7550(e), Subpart DDDDD

Item 64.1:

The Compliance Certification activity will be performed for the Facility.

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each deviation from an emission limit, operating limit, and monitoring requirement in subpart DDDDD occurring at an affected source where the owner or operator is using a CMS to comply with that emission limit or operating limit, he/she must include the information required in 40 CFR 63.7550(e)(1) through (9). This includes any deviations from the site-specific monitoring plan as required in 40 CFR 63.7505(d).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 65: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7550(h), Subpart DDDDD

Item 65.1:

The Compliance Certification activity will be performed for the Facility.

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility must submit the reports according to the procedures specified in paragraphs (1) through (3).

(1) Within 60 days after the date of completing each performance test (defined in 40 CFR 63.2) as required by Subpart DDDDD the facility must submit the results of the performance tests, including any associated fuel analyses, required by Subpart DDDDD and the compliance reports required in 40 CFR 63.7550(b) to the EPA's WebFIRE database by using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). Performance test data must be submitted in the file format generated through use of the EPA's Electronic Reporting Tool (ERT) (see <http://www.epa.gov/ttn/chief/ert/index.html>). Only data collected using test methods on the ERT Web site are subject to this requirement for submitting reports electronically to WebFIRE. Owners or operators who claim that some of the information being submitted for performance tests is confidential business information (CBI) must submit a complete ERT file including information claimed to be CBI on a compact disk or other commonly used electronic storage media (including, but not limited to, flash drives) to the EPA. The electronic media must be clearly marked as CBI and mailed to U.S. EPA/OAPQS/CORE CBI Office, Attention: WebFIRE Administrator, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same ERT file with the CBI omitted must be submitted to the EPA via CDX as described earlier in this paragraph. At the discretion of the Administrator, facility must also submit these reports, including the confidential business information, to the Administrator in the format specified by the Administrator. For any performance test conducted using test methods that are not listed on the ERT Web site, the owner or operator shall submit the results of the performance test in paper submissions to the Administrator.

(2) Within 60 days after the date of completing each CEMS performance evaluation test (defined in 40 CFR 63.2) facility must submit the relative accuracy test audit (RATA) data to the EPA's Central Data Exchange by using CEDRI as mentioned in paragraph (1). Only RATA pollutants that can be documented with the ERT (as listed on the ERT Web site) are subject to this requirement. For any

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performance evaluations with no corresponding RATA pollutants listed on the ERT Web site, the owner or operator shall submit the results of the performance evaluation in paper submissions to the Administrator.

(3) Facility must submit all reports required by Table 9 of Subpart DDDDD electronically using CEDRI that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to Subpart DDDDD is not available in CEDRI at the time that the report is due facility must submit the report to the Administrator at the appropriate address listed in 40 CFR 63.13. At the discretion of the Administrator, facility must also submit these reports, to the Administrator in the format specified by the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 66: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.7555(a), Subpart DDDDD

Item 66.1:

The Compliance Certification activity will be performed for the Facility.

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep records according to paragraphs (1) and (2).

(1) A copy of each notification and report that was submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that was submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

(2) Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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Facility DEC ID: 5532600004

Condition 67: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7555(c), Subpart DDDDD

Item 67.1:

The Compliance Certification activity will be performed for the Facility.

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep the records required in Table 8 to subpart DDDDD including records of all monitoring data and calculated averages for applicable operating limits, such as opacity, pressure drop, pH, and operating load, to show continuous compliance with each emission limit and operating limit that apply.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 68: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7555(d), Subpart DDDDD

Item 68.1:

The Compliance Certification activity will be performed for the Facility.

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each boiler or process heater subject to an emission limit in Table 1, 2 or 11 through 13 to subpart DDDDD, the owner or operator must also keep the applicable records in 40 CFR 63.7555(d)(1) through (11).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 69: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7555(e), Subpart DDDDD

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Item 69.1:

The Compliance Certification activity will be performed for the Facility.

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators that elect to average emissions consistent with 40 CFR 63.7522 must additionally keep a copy of the emission averaging implementation plan required in 40 CFR 63.7522(g), all calculations required under 40 CFR 63.7522, including monthly records of heat input or steam generation, as applicable, and monitoring records consistent with 40 CFR 63.7541.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 70: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.7560, Subpart DDDDD

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:

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 on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The owner or operator can keep the records off site for the remaining 3 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 71: General provisions

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.7565, Subpart DDDDD

Item 71.1:

Table 10 to subpart DDDDD shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to the facility. The owner or operator is responsible for ensuring they comply with all General Provisions contained in Table 10.

Condition 72: Subpart A Requirements for Subpart JJJJ

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.Tbl 2, Subpart JJJJ

Item 72.1:

This Condition applies to:

Emission Unit: UPAPER
 Process: 016 Emission Source: DRY10

Emission Unit: UPAPER
 Process: AAA Emission Source: 00PM8

Item 72.2:

The applicant must comply with the requirements of 40 CFR 63 Subpart A, as specified in Table 2 of 40 CFR 63 Subpart JJJJ.

Condition 73: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.3320(b)(3), Subpart JJJJ

Item 73.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-PAPER
 Process: 016 Emission Source: DRY10

Emission Unit: U-PAPER
 Process: AAA Emission Source: 00PM8

Regulated Contaminant(s):
 CAS No: 0NY100-00-0 TOTAL HAP

Item 73.2:

Compliance Certification shall include the following monitoring:

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility must limit the organic HAP emissions to no more than 20% of the mass of coating solids applied for each month on and after the compliance date of December 5, 2005. Compliance shall be demonstrated using the provisions listed in §63.3370.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: ORGANIC HAP CONTENT

Upper Permit Limit: 20 percent by weight

Averaging Method: CALENDAR MONTH TOTAL

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 74: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.3370(c), Subpart JJJJ

Item 74.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-PAPER

Process: 016

Emission Source: DRY10

Emission Unit: U-PAPER

Process: 0AA

Emission Source: 00PM8

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A facility that chooses to comply with Subpart JJJJ by using coating materials that meet the emission standards in 40 CFR 63.3320(b)(2) or (3) as-applied must demonstrate compliance by following one of the procedures in paragraphs (1) through (4) below. Compliance is determined in accordance with 40 CFR 63.3370(c)(5).

(1) Each coating material as-applied meets the mass fraction of coating material standard (40 CFR

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63.3320(b)(2)). The facility must demonstrate that each coating material applied at an existing affected source during the month contains no more than 0.04 kg organic HAP per kg coating material applied as determined in accordance with paragraphs (i) and (ii) below. The facility must calculate the as-applied organic HAP content of as-purchased coating materials which are reduced, thinned, or diluted prior to application.

(i) Determine the organic HAP content or volatile organic content of each coating material applied on an as-purchased basis in accordance with 40 CFR 63.3360(c).

(ii) Calculate the as-applied organic HAP content of each coating material using Equation 4 of 40 CFR 63.3370(c)(1)(ii)

(2) Each coating material as-applied meets the mass fraction of coating solids standard (40 CFR 63.3320(b)(3)). The facility must demonstrate that each coating material applied at an existing affected source contains no more than 0.20 kg of organic HAP per kg of coating solids applied. The facility must demonstrate compliance in accordance with paragraphs (i) and (ii) below.

(i) Determine the as-applied coating solids content of each coating material following the procedure in 40 CFR 63.3360(d). The facility must calculate the as-applied coating solids content of coating materials which are reduced, thinned, or diluted prior to application, using Equation 6 of 40 CFR 63.3370(c)(2)(i).

(ii) Calculate the as-applied organic HAP to coating solids ratio using Equation 7 of 40 CFR 63.3370(c)(2)(ii).

(3) Monthly average organic HAP content of all coating materials as-applied is less than the mass percent limit (40 CFR 63.3320(b)(2)). The facility must demonstrate that the monthly average as-applied organic HAP content of all coating materials applied at an existing affected source is less than 0.04 kg organic HAP per kg of coating material applied, as determined by Equation 8 of 40 CFR 63.3370(c)(3).

(4) Monthly average organic HAP content of all coating materials as-applied is less than the mass fraction of

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coating solids limit (40 CFR 63.3320(b)(3)). The facility must demonstrate that the monthly average as-applied organic HAP content on the basis of coating solids applied of all coating materials applied at an existing affected source is less than 0.20 kg organic HAP per kg coating solids applied, as determined by Equation 9 of 40 CFR 63.3370(c)(4).

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 1/30/2022.

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

Condition 75: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.3400(c)(2), Subpart JJJJ

Item 75.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-PAPER

Process: 016

Emission Source: DRY10

Emission Unit: U-PAPER

Process: AAA

Emission Source: 00PM8

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The compliance report must contain the information in paragraphs (i) through (vi) below:

(i) Company name and address.

(ii) Statement by a responsible official with that official's name, title, and signature certifying the accuracy of the content of the report.

(iii) Date of report and beginning and ending dates of the reporting period.

(iv) If there are no deviations from any emission limitations (emission limit or operating limit) that apply

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to the facility, a statement that there were no deviations from the emission limitations during the reporting period, and that no CMS was inoperative, inactive, malfunctioning, out-of-control, repaired, or adjusted.

(v) For each deviation from an emission limitation (emission limit or operating limit) that applies to the facility and that occurs at an affected source where the facility is not using a CMS to comply with the emission limitations in subpart JJJJ, the compliance report must contain the following information:

(A) The total operating time of each affected source during the reporting period.

(B) Information on the number, duration, and cause of deviations (including unknown cause), if applicable, and the corrective action taken.

(C) An estimate of the quantity of each regulated pollutant emitted over the emission limits in Sec. 63.3320 for each monthly period covered in the report if the source failed to meet an applicable emission limit of subpart JJJJ.

(vi) For each deviation from an emission limit occurring at an affected source where the facility is using a CEMS or CPMS to comply with the emission limit in subpart JJJJ, the facility must include the information in paragraphs (i) through (iii), above, and paragraphs (A) through (J) below.

(A) The total operating time of the web coating line(s) during the reporting period.

(B) The date and time that each CEMS and CPMS, if applicable, was inoperative except for zero (low-level) and high-level checks.

(C) The date and time that each CEMS and CPMS, if applicable, was out-of-control, including the information in Sec. 63.8(c)(8).

(D) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of startup, shutdown, or malfunction or during another period.

(E) A summary of the total duration (in hours) of each deviation during the reporting period and the total duration of each deviation as a percent of the total source operating time during that reporting period.

(F) A breakdown of the total duration of the deviations during the reporting period into those that are due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.

(G) A summary of the total duration (in hours) of CEMS

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and/or CPMS down time during the reporting period and the total duration of CEMS and/or CPMS down time as a percent of the total source operating time during that reporting period.

(H) A breakdown of the total duration of CEMS and/or CPMS down time during the reporting period into periods that are due to monitoring equipment malfunctions, non monitoring equipment malfunctions, quality assurance/quality control calibrations, other known causes, and other unknown causes.

(I) The date of the latest CEMS and/or CPMS certification or audit.

(J) A description of any changes in CEMS, CPMS, or controls since the last reporting period.

(K) An estimate of the quantity of each regulated pollutant emitted over the emission limits in Sec. 63.3320 for each monthly period covered in the report if the source failed to meet an applicable emission limit of subpart JJJJ.

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 1/30/2022.

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

Condition 76: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.3410(a), Subpart JJJJ

Item 76.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-PAPER

Process: 016

Emission Source: DRY10

Emission Unit: U-PAPER

Process: 0AA

Emission Source: 00PM8

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected source subject to this subpart must maintain the records specified in

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paragraphs (1) and (2), below, on a monthly basis in accordance with the requirements of Sec. 63.10(b)(1):

(1) Records specified in Sec. 63.10(b)(2) of all measurements needed to demonstrate compliance with this standard, including:

- (i) Continuous emission monitor data in accordance with the requirements of Sec. 63.3350(d);
- (ii) Control device and capture system operating parameter data in accordance with the requirements of Sec. 63.3350(c), (e), and (f);
- (iii) Organic HAP content data for the purpose of demonstrating compliance in accordance with the requirements of Sec. 63.3360(c);
- (iv) Volatile matter and coating solids content data for the purpose of demonstrating compliance in accordance with the requirements of Sec. 63.3360(d);
- (v) Overall control efficiency determination using capture efficiency and control device destruction or removal efficiency test results in accordance with the requirements of Sec. 63.3360(e) and (f);
- (vi) Material usage, organic HAP usage, volatile matter usage, and coating solids usage and compliance demonstrations using these data in accordance with the requirements of Sec. 63.3370(b), (c), and (d); and
- (vii) Emission factor development calculations and HAP content for coating materials used to develop the emission factor as needed for Sec. 63.3360(g).

(2) Records specified in Sec. 63.10(c) for each CMS operated by the owner or operator in accordance with the requirements of Sec. 63.3350(b).

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 1/30/2022.

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

Condition 77: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.4291(a)(2), Subpart OOOO

Item 77.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-PAPER

Process: 017

Permit ID: 5-5326-00004/00049

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Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The source owner or operator of existing coating operations shall limit organic HAP emissions to the atmosphere to no more than 0.12 kg of organic HAP per kg of solids applied. The source owner or operator must include all regulated materials (as defined in §63.4371) used in the affected source when determining the organic HAP emission rate.

A source owner or operator demonstrating compliance with this emission rate using the “without add-on controls option” shall demonstrate that, based on the regulated materials applied in the web coating operation(s), the organic HAP emission rate for the web coating operation(s) is less than or equal to the applicable emission limit, calculated as a rolling 12-month average emission rate. Source owner or operator must meet all the requirements of §§63.4330, 63.4331, and 63.4332 to demonstrate compliance with the applicable emission limit using this option

To demonstrate compliance with this emission rate using the “without add-on control option,” the source owner or operator shall follow procedures specified in § 63.4331(a):

- (1) Determine the mass fraction of organic HAP for each material. Determine the mass fraction of organic HAP for each coating, thinning, and cleaning material applied during the compliance period according to the requirements in § 63.4321(e)(1).
- (2) Determine the mass fraction of solids for each material. Determine the mass fraction of solids (kg of solids per kg of coating or printing material) for each coating material applied during the compliance period according to the requirements in § 63.4321(e)(2).
- (3) Determine the mass of each material. Determine the mass (kg) of each coating, thinning, or cleaning material applied during the compliance period by measurement or usage records.
- (4) Calculate the mass of organic HAP emissions. The mass of organic HAP emissions is the combined mass of organic HAP contained in all coating, thinning, and cleaning materials applied during the compliance period minus the

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organic HAP in certain waste materials. Calculate the mass of organic HAP emissions using Equations 1, 1A, and 1B of this section.

(5) Calculate the total mass of coating solids. Determine the total mass of coating solids applied, kg, which is the combined mass of the solids contained in all the coating and printing materials applied during the compliance period, using Equation 2 of this section.

(6) Calculate the organic HAP emission rate for the compliance period, kg organic HAP emitted per kg solids used, using Equation 3 of this section.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: ORGANIC HAP CONTENT

Upper Permit Limit: 0.12 kilograms organic HAP per kilogram solids applied

Monitoring Frequency: MONTHLY

Averaging Method: 12-month rolling average

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 78: Electronic Reporting
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.4311(f), Subpart OOOO

Item 78.1:

This Condition applies to:

Emission Unit: UPAPER

Process: 017

Emission Source: 0DRY9

Item 78.2:

Beginning on March 15, 2021, or once the reporting template has been available on the Compliance and Emissions Data Reporting Interface (CEDRI) website for 1 year, whichever date is later, the owner or operator shall submit the semiannual compliance report required in 40 CFR 63.4311(a) to the EPA via CEDRI. The CEDRI interface can be accessed through the EPA's Central Data Exchange (CDX). The owner or operator must use the appropriate electronic template on the CEDRI website for subpart OOOO or an alternate electronic file format consistent with the XML schema listed on the CEDRI website. The date report templates become available will be listed on the CEDRI website. If the reporting form for the semiannual compliance report specific to subpart OOOO is not available in CEDRI at the time that the report is due, the owner or operator must submit the report to the Administrator at the appropriate addresses listed in 40 CFR 63.13. Once the form has been available in CEDRI for 1 year, the owner or operator must begin submitting all subsequent reports via CEDRI. The

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reports must be submitted by the deadlines specified in subpart OOOO, regardless of the method in which the reports are submitted. Owners or operators who claim that some of the information required to be submitted via CEDRI is Confidential Business Information (CBI) shall submit a complete report generated using the appropriate form in CEDRI or an alternate electronic file consistent with the XML schema listed on the EPA's CEDRI website, including information claimed to be CBI, on a compact disc, flash drive, or other commonly used electronic storage medium to the EPA. The electronic medium shall be clearly marked as CBI and mailed to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted shall be submitted to the EPA via the EPA's CDX as described earlier in this condition.

Condition 79: Electronic Reporting System Outage
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.4311(g), Subpart OOOO

Item 79.1:

This Condition applies to:

Emission Unit: UPAPER Emission Point: 008A1
Process: 017 Emission Source: 0DRY9

Item 79.2:

If the facility is required to electronically submit a report through the Compliance and Emissions Data Reporting Interface (CEDRI) in the EPA's Central Data Exchange (CDX), and due to a planned or actual outage of either the EPA's CEDRI or CDX systems within the period of time beginning 5 business days prior to the date that the submission is due, the facility will be or is precluded from accessing CEDRI or CDX and submitting a required report within the time prescribed, the owner or operator may assert a claim of EPA system outage for failure to timely comply with the reporting requirement. The facility must submit notification to the Administrator in writing as soon as possible following the date the owner or operator first knew, or through due diligence should have known, that the event may cause or caused a delay in reporting. The facility must provide to the Administrator a written description identifying the date, time and length of the outage; a rationale for attributing the delay in reporting beyond the regulatory deadline to the EPA system outage; describe the measures taken or to be taken to minimize the delay in reporting; and identify a date by which the owner or operator proposes to report, or if the owner or operator has already met the reporting requirement at the time of the notification, the date it was reported. In any circumstance, the report must be submitted electronically as soon as possible after the outage is resolved. The decision to accept the claim of EPA system outage and allow an extension to the reporting deadline is solely within the discretion of the Administrator.

Condition 80: Electronic Reporting During Force Majeure Events
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63.4311(h), Subpart OOOO

Item 80.1:

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Facility DEC ID: 5532600004

This Condition applies to:

Emission Unit: UPAPER Emission Point: 008A1
Process: 017 Emission Source: 0DRY9

Item 80.2:

If the facility is required to electronically submit a report through Compliance and Emissions Data Reporting Interface (CEDRI) in the EPA's Central Data Exchange (CDX) and a force majeure event is about to occur, occurs, or has occurred or there are lingering effects from such an event within the period of time beginning 5 business days prior to the date the submission is due, the owner or operator may assert a claim of force majeure for failure to timely comply with the reporting requirement. For the purposes of this condition, a force majeure event is defined as an event that will be or has been caused by circumstances beyond the control of the affected facility, its contractors, or any entity controlled by the affected facility that prevents the facility from complying with the requirement to submit a report electronically within the time period prescribed. Examples of such events are acts of nature (e.g., hurricanes, earthquakes, or floods), acts of war or terrorism, or equipment failure or safety hazard beyond the control of the affected facility (e.g., large scale power outage). If the facility intends to assert a claim of force majeure, the owner or operator must submit notification to the Administrator in writing as soon as possible following the date the owner or operator first knew, or through due diligence should have known, that the event may cause or caused a delay in reporting. The facility must provide to the Administrator a written description of the force majeure event and a rationale for attributing the delay in reporting beyond the regulatory deadline to the force majeure event; describe the measures taken or to be taken to minimize the delay in reporting; and identify a date by which the facility proposes to report, or if the owner or operator has already met the reporting requirement at the time of the notification, the date it was reported. In any circumstance, the reporting must occur as soon as possible after the force majeure event occurs. The decision to accept the claim of force majeure and allow an extension to the reporting deadline is solely within the discretion of the Administrator.

Condition 81: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.4312, Subpart OOOO

Item 81.1:

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

Emission Unit: U-PAPER
Process: 017

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The source owner or operator for each affected sources using the "without add-on controls option" must collect and keep a records of the following data and information. Failure to collect and keep these records is a deviation

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from the applicable standard.

(a) A copy of each notification and report that you submitted to comply with this subpart, and the documentation supporting each notification and report.

(b) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data or test data used to determine the mass fraction of organic HAP for coating, thinning, and cleaning materials; and the mass fraction of solids for coating materials. If you conducted testing to determine mass fraction of organic HAP of coating materials or the mass fraction of solids of coating materials, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the summary sheet of results provided to you by the manufacturer or supplier. You are not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

(c) For each compliance period, the records specified in paragraph (c)(1) of this section for web coating operations.

(1) A record of the web coating operations on which you used each compliance option and the time periods (beginning and ending dates) you used each option. For each month, a record of all required calculations for the compliance option(s) you used.

For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coating, thinning and cleaning materials applied each compliance period using Equations 1, 1A, and 1B of § 63.4331 and, if applicable, the calculation used to determine the mass of organic HAP in waste materials according to § 63.4331(a)(4)(iii); the calculation of the total mass of the solids contained in all coating materials applied each compliance period using Equation 2 of § 63.4331; and the calculation of the organic HAP emission rate for each compliance period using Equation 3 of § 63.4331.

(d) A record of the name and mass of each regulated material applied in the web coating and printing subcategory during each compliance period.

(e) A record of the mass fraction of organic HAP for each regulated material applied during each compliance

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period.

(f) A record of the mass fraction of coating and printing solids for each coating and printing material applied during each compliance period.

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 1/30/2022.

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

Condition 82: Applicability
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 82.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

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

Condition 83: Emission Point Definition By Emission Unit
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 83.1:

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

Emission Unit: U-BOILR

Emission Point: 00018

Height (ft.): 115

Diameter (in.): 42

NYTMN (km.): 4774.576 NYTME (km.): 616.473 Building: BOILERHOUS

Item 83.2:

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

Emission Unit: U-BROKE

Emission Point: 00024

Height (ft.): 20

Diameter (in.): 12

NYTMN (km.): 4774.546 NYTME (km.): 616.459 Building: EASTON MIL

Emission Point: 00025

Height (ft.): 14

Diameter (in.): 16

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NYTMN (km.): 4774.547 NYTME (km.): 616.45 Building: EASTON MIL

Item 83.3:

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

Emission Unit: U-MIXRS

Emission Point: 009A7
 Height (ft.): 26 Diameter (in.): 12
 NYTMN (km.): 4774.51 NYTME (km.): 616.396 Building: EASTON MIL

Item 83.4:

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

Emission Unit: U-PAPER

Emission Point: 008A1
 Height (ft.): 39 Diameter (in.): 49
 NYTMN (km.): 4774.432 NYTME (km.): 616.36 Building: NO. 14

Emission Point: 008A2
 Height (ft.): 39 Diameter (in.): 49
 NYTMN (km.): 4774.428 NYTME (km.): 616.356 Building: NO. 14

Emission Point: 008A3
 Height (ft.): 39 Diameter (in.): 49
 NYTMN (km.): 4774.423 NYTME (km.): 616.352 Building: NO. 14

Emission Point: 008A4
 Height (ft.): 39 Diameter (in.): 49
 NYTMN (km.): 4774.416 NYTME (km.): 616.347 Building: EASTON MIL

Emission Point: 008A5
 Height (ft.): 39 Diameter (in.): 49
 NYTMN (km.): 4774.411 NYTME (km.): 616.342 Building: EASTON MIL

Emission Point: 008A6
 Height (ft.): 39 Diameter (in.): 49
 NYTMN (km.): 4774.405 NYTME (km.): 616.338 Building: EASTON MIL

Emission Point: 009A1
 Height (ft.): 37 Diameter (in.): 24
 NYTMN (km.): 4774.516 NYTME (km.): 616.42 Building: EASTON MIL

Emission Point: 009A2
 Height (ft.): 37 Diameter (in.): 24
 NYTMN (km.): 4774.51 NYTME (km.): 616.415 Building: EASTON MIL

Emission Point: 009A3
 Height (ft.): 37 Diameter (in.): 24
 NYTMN (km.): 4774.505 NYTME (km.): 616.41 Building: EASTON MIL

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Emission Point: 010A1
 Height (ft.): 36 Length (in.): 22 Width (in.): 33
 NYTMN (km.): 4774.533 NYTME (km.): 616.402 Building: EASTON MIL

Emission Point: 010A2
 Height (ft.): 36 Length (in.): 22 Width (in.): 33
 NYTMN (km.): 4774.525 NYTME (km.): 616.394 Building: EASTON MIL

Emission Point: 010A3
 Height (ft.): 31 Length (in.): 18 Width (in.): 18
 NYTMN (km.): 4774.519 NYTME (km.): 616.397 Building: EASTON MIL

Emission Point: 09C10
 Height (ft.): 87 Diameter (in.): 60
 NYTMN (km.): 4774.498 NYTME (km.): 616.392 Building: EASTON MIL

Condition 84: Process Definition By Emission Unit
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 84.1:

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

Emission Unit: U-BOILR
 Process: 001 Source Classification Code: 1-02-004-02
 Process Description:

Two large boilers whose combined heat input capacity is 75.9 MMBtu/hr; this process involves firing them with No. 6 fuel oil. When No 6 fuel is fired, other than gas curtailments or for periodic testing (not to exceed 48 hours in a calendar year), the boiler is operating in accordance with 40 CFR 63, Subpart DDDDD, liquids fuel subcategory (specifically Heavy fuels).

Emission Source/Control: 00001 - Combustion
 Design Capacity: 43.4 million Btu per hour

Emission Source/Control: 00002 - Combustion
 Design Capacity: 32.5 million Btu per hour

Item 84.2:

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

Emission Unit: U-BOILR
 Process: 002 Source Classification Code: 1-02-006-02
 Process Description:

Two large boilers whose combined heat input capacity is 75.9 mmbtu/hr; this process involves firing them with natural gas. When No. 6 fuel oil fired during gas curtailments or for periodic testing (not to exceed 48 hours in a calendar year), the boiler is operating in

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accordance with 40 CFR 63, Subpart DDDDD, Gas 1 subcategory.

Emission Source/Control: 00001 - Combustion
Design Capacity: 43.4 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 32.5 million Btu per hour

Item 84.3:

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

Emission Unit: U-BROKE
Process: 003 Source Classification Code: 3-07-999-99
Process Description:

Exhaust vent from broke beater. Caustic is added to broke and broke is steam heated. Vapors are vented to outside air.

Emission Source/Control: BEATR - Process

Item 84.4:

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

Emission Unit: U-BROKE
Process: 004 Source Classification Code: 3-07-999-99
Process Description:

Exhaust vent from broke wash beater. Caustic is added to broke and broke is steam heated. The vapors are vented to the outside air.

Emission Source/Control: WASHR - Process

Item 84.5:

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

Emission Unit: U-MIXRS
Process: 00A Source Classification Code: 4-02-013-03
Process Description:

Chemical mixing of ingredients such as clay and titanium dioxide.

Emission Source/Control: MIXR1 - Process

Item 84.6:

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

Emission Unit: U-PAPER
Process: 016 Source Classification Code: 4-02-013-01
Process Description:

Various coatings/binders may be applied to the paper web at different points, depending upon the machine being used

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and the formulation being made. The coated/saturated sheet passes over steam dryer cans to drive off volatile material. Some coatings/binders may also be cured using natural gas fired heating units. Emissions from Paper Machine No. 10's "dry-end" (DRY10) are vented to wet scrubber (010CS) and exhausted through emission point 09C10.

Emission Source/Control: 010SC - Control
 Control Type: WET SCRUBBER

Emission Source/Control: 0DRY9 - Process

Emission Source/Control: 0WET9 - Process

Emission Source/Control: DRY10 - Process

Item 84.7:

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

Emission Unit: U-PAPER

Process: 017

Source Classification Code: 4-02-013-01

Process Description:

This process includes web coating operations that coat both paper and non-woven substrate (greater than 10% by mass). This web coating line is subject to 40 CFR 63, Subpart OOOO, when applying organic HAP containing coatings.

Various coatings/binders may be applied to the web at different points, depending on the machine and the formulation being used. The coated/saturated sheet passes over steam dryer cans to drive off volatile material. Some coatings/binders may also be cured using natural gas fired heating units.

Emission Source/Control: 0DRY9 - Process

Emission Source/Control: 0WET9 - Process

Item 84.8:

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

Emission Unit: U-PAPER

Process: 0AA

Source Classification Code: 3-07-999-01

Process Description:

On No. 8 Paper Machine, a wet web of paper passes over steam heated can dryers. For some papers, sprays are applied (see Process ID AAA). For some papers, infrared curing is used to enhance paper properties. Exhausts are vented to 4 emission points on roof. In addition, 2 emission points may be added to this source as previously

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approved.

Emission Source/Control: 00PM8 - Process

Item 84.9:

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

Emission Unit: U-PAPER

Process: 0BB

Source Classification Code: 3-07-999-99

Process Description:

On Paper Machine No. 9 wet end, a wet web of paper is formed and passes over steam heated can dryers. For some papers, sprays are applied (see Process ID 016). The exhausts are vented to 3 emission points on roof.

Emission Source/Control: 0WET9 - Process

Item 84.10:

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

Emission Unit: U-PAPER

Process: 0CC

Source Classification Code: 3-07-999-99

Process Description:

On Paper Machine No. 10 a wet web of paper is formed and passes over steam heated can dryers and thru-dryer. The exhausts are vented to 3 emission points on roof.

Emission Source/Control: WET10 - Process

Item 84.11:

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

Emission Unit: U-PAPER

Process: AAA

Source Classification Code: 4-02-013-01

Process Description:

Coatings are sprayed onto the paper web on Paper Machine No. 8.

Emission Source/Control: 00PM8 - Process

Condition 85: Compliance Certification

Effective between the dates of 09/17/2021 and 09/16/2026

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

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BOILR

Emission Point: 00018

Item 85.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 86: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR 228-1.3 (b) (1)

Item 86.1:

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

Emission Unit: U-PAPER
Process: 016

Emission Unit: U-PAPER
Process: 017

Emission Unit: U-PAPER
Process: AAA

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source subject to 6 NYCRR Part 228-1 must maintain the following records in a format acceptable to the department for a period of at least five years:

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1. A certification from the coating supplier or manufacturer which lists the parameters used to determine the actual VOC content of each as applied coating used at the facility.
2. Purchase, usage and/or production records of each coating material, including solvents.
3. Records identifying each air cleaning device that has an overall removal efficiency of at least 90 percent.
4. Records verifying each parameter used to calculate the overall removal efficiency, as described in Equation 2 of Section 228-1.5(c), if applicable.
5. Any additional information required to determine compliance with Part 228-1.

Upon request, the owner or operator of an emission source subject to 6 NYCRR Part 228-1 must submit a copy of the records kept in accordance with this condition to the department within 90 days of receipt of the request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 87: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR 228-1.6 (a)

Item 87.1:

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

Emission Unit: U-PAPER
Process: 016

Emission Unit: U-PAPER
Process: 017

Emission Unit: U-PAPER
Process: AAA

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permit ID: 5-5326-00004/00049

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Upon request by the Department, the owner or operator of an emission source subject to 6 NYCRR Part 228-1 must determine the actual VOC content of an as applied coating by measuring the volatile content, water content, density, volume of solids, and weight of solids in accordance with EPA Reference Test Method 311 or Method 24, included in Appendix A of 40 CFR parts 63 and 60 respectively, to demonstrate compliance with the requirements of Part 228-1.

An alternate sampling method that has been approved by both the Department and the Administrator may be used when Method 311 and/or Method 24 are not appropriate.

Reference Test Method: EPA Reference Test Method 311 or 24

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 88: Compliance Certification
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 6 NYCRR 228-1.6 (h)

Item 88.1:

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

Emission Unit: U-PAPER
 Process: 016

Emission Unit: U-PAPER
 Process: 017

Emission Unit: U-PAPER
 Process: AAA

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any information or record showing noncompliance with the requirements of 228-1 'Surface Coating Processes' must be reported to the department within 30 days following notice or generation of the information or record. All records required by this condition must be maintained at the facility for a period of five years.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 89: General Provisions

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable Federal Requirement: 40CFR 63.4301, Subpart OOOO

Item 89.1:

This Condition applies to Emission Unit: U-PAPER
Process: 017

Item 89.2:

Table 3 of subpart OOOO lists which parts of the general provisions in §63.1-63.15 apply to the facility.

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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

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criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 90: Contaminant List

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement: ECL 19-0301

Item 90.1:

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

CAS No: 000050-00-0
Name: FORMALDEHYDE

CAS No: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 007439-97-6
Name: MERCURY

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 007647-01-0
Name: HYDROGEN CHLORIDE

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

CAS No: 0NY100-00-0

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Name: TOTAL HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY507-00-0

Name: 40 CFR 63 SUBPART DDDDD TOTAL SELECTED METALS

Condition 91: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement: 6 NYCRR 201-1.4

Item 91.1:

(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.

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Condition 92: CLCPA Applicability
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 201-6.5 (a)

Item 92.1:

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 93: Air pollution prohibited
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 211.1

Item 93.1:

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 94: Compliance Demonstration
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 212-1.3

Item 94.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 94.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Process source emissions must be evaluated on an individual contaminant basis and each contaminant must be assigned an environmental rating, with the exception of High Toxic Air Contaminants (HTACs) meeting the emission limits of Table 2 of 212-2.2 and non-HTACs emitted at a facility-wide annual rate of less than 100 pounds.

The first factor affecting a process emission source contaminant’s environmental rating (ER) is the toxicity classification (H-high, M -medium, or L-low) as defined in

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Part 212-1.2 and listed in the DAR-1 AGC/SGC tables. The DAR-1 environmental rating process commences with initially assigning the toxicity classification as the ER (H, M, L toxicity contaminants should be assigned an ER of “A”, “B” and “C,” respectively).

Based on the Potentials to Emit (PTE), emission rate potentials (ERP) and other supporting documentation associated with application ID. No. 5-5326-00004/00049, predicted maximum ambient impacts for the permitted contaminants are in compliance with SGCs/AGCs. In accordance with §212-1.3 - Determination of Environmental Rating, environmental ratings of A, B or C have been assigned to all permitted contaminants in accordance with the toxicity classifications identified in AGC/SGC tables, unless otherwise noted in this permit.

Any increase in a contaminant’s ERP/PTE (including speciated VOCs and PM), or changes made to the emission point/process exhaust parameters from those contained in the most recent approved application is a modification and requires, at a minimum, a notification in accordance with 6 NYCRR 201-6.6.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 95: Maintain all process emission sources, including the associated air pollution control and monitoring equipment Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 212-1.5 (g)

Item 95.1:

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safety, good air pollution control practices, good engineering practices and manufacturers’ recommendations for minimizing emissions.

Condition 96: Compliance Demonstration Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 212-1.6 (a)

Item 96.1:

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

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Facility DEC ID: 5532600004

Emission Unit: U-BROKE

Emission Unit: U-MIXRS

Emission Unit: U-PAPER

Item 96.2:

Compliance Demonstration 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 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

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

This monitoring activity also serves to demonstrate compliance or noncompliance with opacity requirements for coating lines specified in 6NYCRR 228-1.3(a).

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Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: Method 9
 Monitoring Frequency: DAILY
 Averaging Method: 6 MINUTE AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 97: Compliance Demonstration
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement: 6 NYCRR 212-1.7 (a)

Item 97.1:

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

Emission Unit: U-PAPER Emission Point: 09C10

Regulated Contaminant(s):
 CAS No: 000050-00-0 FORMALDEHYDE

Item 97.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility owners and/or operators of a process emission source required by the Department to demonstrate compliance with this Part may be required to conduct capture efficiency and/or stack emissions testing using acceptable and approved procedures pursuant to Part 202 of this Title.

The facility shall stack test the worst-case grade in each family with formaldehyde containing coatings and demonstrate through ambient impact modeling that formaldehyde impacts are acceptable. During the stack test, the formaldehyde application rate (pounds/hour) for the process(es) shall be monitored and recorded simultaneously with the formaldehyde emission rate. This application rate will be used to establish an acceptable hourly formaldehyde application rate limit to assure compliance with T-BACT requirements. The worst-case formaldehyde grade from paper machines 9 and 10 will be tested prior to the end of each permit term and results made available for the following permit renewal.

In addition, any family of grades, with coatings

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containing formaldehyde, not tested during previous permit terms will be tested within 24 months of the issuance of this permit. The purpose of this testing is to verify the worst-case family of grades for each machine, establish T-BACT limits (i.e., formaldehyde application rates) for these reformulated coatings and develop emission factors for emission statements purposes. The Department reserves the right to require additional stack testing at its discretion.

Within 60-days of completing a stack test and prior to submission of an application for permit renewal, the facility shall submit stack test results and an ambient impact analysis report. The report, at a minimum, shall include: the formaldehyde application rates from each paper machine and the corresponding formaldehyde emission rate from the current stack test; the corresponding potential 1- hour and annual formaldehyde impacts in ug/m³ and percent SGC and AGC; and recommended formaldehyde application rate limits for each family of grades along with justification. Recommended formaldehyde application rate limits are effective upon approval by the Department.

In addition, a permit application to modify the permitted formaldehyde application rate limit(s) shall be submitted within 30-days of this approval, unless within 18 months of the end of the permit term.

The formaldehyde emission rate noted below represents the worst-case combined hourly formaldehyde emission rate from paper machines 9 & 10, which was modeled to demonstrate acceptable ambient impacts and determine formaldehyde application rate limits (T-BACT). The Department reserves the right to approve/disapprove any new worst-case combined formaldehyde emission rate (lower or higher) to be used in determining acceptable impacts and T-BACT limits.

Upper Permit Limit: .44 pounds per hour

Reference Test Method: NCASI Method 98.01 or other method approved by DEC

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 98: Compliance Demonstration

Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 212-2.1

Item 98.1:

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Facility DEC ID: 5532600004

The Compliance Demonstration activity will be performed for the Facility.

Item 98.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For emissions of contaminants not specifically identified in this permit, the facility owner or operator must meet the requirements specified in Subdivision 6 NYCRR 212-2.3(b), Table 4 "Degree of Air Cleaning Required for Non-Criteria Air Contaminants" or Subdivision 6 NYCRR 212-2.2, Table 2 "High Toxicity Air Contaminant List" (HTAC) as described below:

1. Contaminants that have been assigned an Environmental Rating of "C", are limited to a maximum emission rate potential (ERP) of 10 lbs/hour and maximum ambient off-site air concentrations less than the respective annual and short-term guideline concentrations (AGC & SGC).
2. Contaminants that have been assigned an Environmental Rating of "B", are limited to a maximum emission rate potential (ERP) of 10 lbs/hour and maximum ambient off-site air concentrations less than the respective annual and short-term guideline concentrations (AGC & SGC).
3. Contaminants that have been assigned an Environmental Rating of "A", are limited to a maximum emission rate potential (ERP) of 0.1 lbs/hour and maximum ambient off-site air concentrations less than the respective annual and short-term guideline concentrations (AGC & SGC).
4. Contaminants listed as an HTAC, must not exceed the Mass Emission Limits (MEL) in Part 212-2.2 Table 2, or may demonstrate predicted ambient maximum off-site air concentrations are less than the respective annual and short-term guideline concentrations (AGC & SGC).

The facility must maintain records to demonstrate that none of these contaminants have an increase in ERP, PTE, or annual emission rates. Any increase in the ERP, PTE or annual emissions of a contaminant may require a re-evaluation of its Environmental Rating and review of the ambient off-site air concentrations to demonstrate that impacts are below the AGC and SGC. Any increase in the ERP may trigger control requirements under subdivision 212-2.3(b), Table 4

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Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 99: Compliance Demonstration
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 212-2.1 (a)

Item 99.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 99.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For any air contaminant not listed on table 2, unless it is a solid particulate described in subdivision (c) of this section, the facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in subdivision 212-2.3(a), table 3 – degree of air cleaning required for criteria air contaminants of this Subpart, or subdivision 212-2.3(b), table 4 – degree of air cleaning required for non-criteria air contaminants of this Subpart, as applicable, for the environmental rating assigned to the contaminant by the department.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 100: Compliance Demonstration
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement:6 NYCRR 212-2.1 (a)

Item 100.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

Item 100.2:

Compliance Demonstration shall include the following monitoring:

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility owner or operator shall not allow emissions of the air contaminant(s) listed above to exceed the requirements specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants. Formaldehyde has been given an Environmental Rating of “A” for the associated process emission sources/emission point. The listed contaminant has been demonstrated to have an emission rate potential (ERP) between 0.1 - 1.0 pounds per hour which requires 90% control or Toxic - Best Available Control Technology (T-BACT).

In order to assure compliance with 6 NYCRR Part 212 Table 4 or T-BACT requirements, operating parameters and work practices have been established in accordance with Part 212-1.5(d) for these process emission sources. Based on the T-BACT re-evaluation (Renewal 4 Application) use of reformulated coatings to lower formaldehyde content, continuing reformulation efforts for coatings not yet reformulated and maintaining Paper Machine No. 10's wet scrubber (ES 010SC) flow rate at no less than 120 gallons per minute when processing formulations containing formaldehyde is considered T-BACT.

To assure compliance with T-BACT requirements, the facility shall report semiannually on the status of reformulation efforts for formaldehyde containing coatings that have not been reformulated.

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 1/30/2022.

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

Condition 101: Compliance Demonstration
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement: 6 NYCRR 212-2.1 (a)

Item 101.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-PAPER

Process: 016

Emission Source: 010SC

Regulated Contaminant(s):

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

CAS No: 000050-00-0 FORMALDEHYDE

Item 101.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Facility owner or operator shall not allow emissions of the air contaminant(s) listed above to exceed the requirements specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants. Formaldehyde has been given an Environmental Rating of “A” for the associated process emission sources/emission point. The listed contaminant has been demonstrated to have an emission rate potential (ERP) between 0.1 - 1.0 pounds per hour which requires 90% control or Toxic - Best Available Control Technology (T-BACT).

In order to maintain compliance with 6 NYCRR Part 212 Table 4 or T-BACT requirements, operating parameters and work practices have been established in accordance with Part 212-1.5(d) for the process emission sources/emission point. Based on the T-BACT re-evaluation (Renewal 4 Application) use of reformulated coatings to lower formaldehyde content, continuing reformulation efforts for coatings not yet reformulated and maintaining Paper Machine No. 10's wet scrubber (ES 010SC) flow rate at no less than 120 gallons per minute when processing formulations containing formaldehyde is considered T-BACT.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 120 gallons per minute

Monitoring Frequency: CONTINUOUS

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 1/30/2022.

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

Condition 102: Compliance Demonstration
Effective between the dates of 09/17/2021 and 09/16/2026**Applicable State Requirement: 6 NYCRR 212-2.4 (b)****Item 102.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Permit ID: 5-5326-00004/00049

Facility DEC ID: 5532600004

Emission Unit: U-BROKE Emission Point: 00024

Emission Unit: U-BROKE Emission Point: 00025

Emission Unit: U-MIXRS Emission Point: 009A7

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

Item 102.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

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

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

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

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Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: Method 5
Monitoring Frequency: SEMI-ANNUALLY
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2022.
Subsequent reports are due every 6 calendar month(s).

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

Condition 103: Compliance Demonstration
Effective between the dates of 09/17/2021 and 09/16/2026

Applicable State Requirement: 6 NYCRR 212-1.5 (e) (2)

Item 103.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PAPER

Item 103.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A process emission source subject to the Federal National Emission Standards for Hazardous Air Pollutants (NESHAP) under 40 CFR Part 61 or Part 63 (see Table 1 of Section 200.9 of this Title) satisfies the requirements of this Part for the respective air contaminant regulated by the Federal standard if the facility owner or operator can demonstrate that the process emission source is in compliance with the relevant Federal regulation.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

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Facility DEC ID: 5532600004