

Facility DEC ID: 7313200009

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3132-00009/00017
Effective Date: 05/29/2024 Expiration Date: 05/28/2029

Permit Issued To: CHEMTRADE SOLUTIONS LLC
90 E HALSEY RD
PARSIPPANY, NJ 07054

Facility: CHEMTRADE SOLUTIONS SYRACUSE
1421 WILLIS AVE
SYRACUSE, NY 13204

Contact: CHRIS A MILLER
EHS MANAGER
1421 WILLIS AVE
SYRACUSE, NY 13204
(734) 846-3345

Description:

Title V renewal permit.

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: ELIZABETH A TRACY
NYSDEC - REGION 7
5786 WIDEWATERS PKWY
SYRACUSE, NY 13214-1867

Authorized Signature: _____ Date: ___ / ___ / ____

Facility DEC ID: 7313200009

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.

Facility DEC ID: 7313200009

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 4 1 Facility Inspection by the Department
- 4 2 Relationship of this Permit to Other Department Orders and Determinations
- 4 3 Applications for permit renewals, modifications and transfers
- 5 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 5 5 Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS

Facility DEC ID: 7313200009

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

Facility DEC ID: 7313200009

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 7
HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
5786 Widewaters Parkway
Syracuse, NY 13214-1867
(315) 426-7400

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: CHEMTRADE SOLUTIONS LLC
90 E HALSEY RD
PARSIPPANY, NJ 07054

Facility: CHEMTRADE SOLUTIONS SYRACUSE
1421 WILLIS AVE
SYRACUSE, NY 13204

Authorized Activity By Standard Industrial Classification Code:
2819 - INDUSTRIAL INORGANIC CHEMICALS

Permit Effective Date: 05/29/2024

Permit Expiration Date: 05/28/2029

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 7 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 8 2 6 NYCRR 201-6.4 (a) (7): Fees
- 8 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 8 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 9 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 11 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 13 7 6 NYCRR 202-2.1: Compliance Certification
- 13 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 13 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 15 10 6 NYCRR 200.7: Maintenance of Equipment
- 15 11 6 NYCRR 201-1.7: Recycling and Salvage
- 15 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 15 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 16 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 16 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 17 6 NYCRR 202-1.1: Required Emissions Tests
- 17 18 40 CFR Part 68: Accidental release provisions.
- 17 19 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 18 20 6 NYCRR 200.7: Compliance Certification
- 18 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 19 22 6 NYCRR 201-6.4 (b) (2): Compliance Certification
- 20 23 6 NYCRR 201-6.4 (b) (2): Compliance Certification
- 21 24 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 21 25 6 NYCRR 201-6.4 (f): Operational Flexibility
- 22 26 6 NYCRR 202-2.4 (a) (3): Statement dates for emissions statements.
- 22 27 6 NYCRR 211.2: Visible Emissions Limited
- 22 28 6 NYCRR 212-1.6 (a): Compliance Certification
- 23 29 6 NYCRR 212-2.3 (b): Compliance Certification
- 24 30 6 NYCRR 212-2.4 (a): Compliance Certification
- 25 31 6 NYCRR 212-2.4 (b): Compliance Certification
- 26 32 40CFR 63.11115, NESHAP Subpart CCCCCC: General duties to minimize emissions
- 26 33 40CFR 63.11116, NESHAP Subpart CCCCCC: Requirements for facilities with monthly throughput of less than 10,000 gallons of gasoline
- 27 34 40 CFR Part 98: Mandatory greenhouse gas reporting
- 27 **Emission Unit Level**
- 27 35 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 28 36 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 30 **EU=1-0000B,Proc=001**
- 30 37 40CFR 60.48c, NSPS Subpart Dc: Recordkeeping and reporting.

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

EU=1-0000B,EP=OSN4A

30 38 6 NYCRR 227-1.3 (a): Compliance Certification

EU=1-0000B,EP=OSN4A,Proc=001,ES=BLR01

31 39 6 NYCRR 227-2.4 (c) (1): Compliance Certification

EU=U-OSN1A,EP=00001

32 40 6 NYCRR 212-2.3 (b): Compliance Certification

33 41 6 NYCRR 212-2.3 (b): Compliance Certification

EU=U-OSN1A,EP=00001,Proc=003,ES=00SCR

34 42 6 NYCRR 212-3.1 (c) (3): Compliance Certification

EU=U-OSN3A,EP=OSN3A

35 43 6 NYCRR 201-6.4 (b) (2): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

38 44 ECL 19-0301: Contaminant List

38 45 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities

39 46 6 NYCRR 211.1: Air pollution prohibited

40 47 6 NYCRR Subpart 212-2: Compliance Demonstration

40 48 6 NYCRR 212-2.1: Compliance Demonstration

41 49 6 NYCRR 212-2.1 (a): Compliance Demonstration

Emission Unit Level

EU=U-OSN1A,EP=00001

42 50 6 NYCRR 212-3.1: Compliance Demonstration

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 3/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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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 05/29/2024 and 05/28/2029**

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

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,

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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 7/30/2024.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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
NYSDEC Region 7 Headquarters
5786 Widewaters Parkway
Syracuse, NY 13214-1867

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2025.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

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
Averaging Method: ANNUAL TOTAL
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 106 days after the reporting period.
The initial report is due 4/15/2025.
Subsequent reports are due every 12 calendar month(s).

Condition 8: Recordkeeping requirements
Effective between the dates of 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Applicable Federal Requirement: 6 NYCRR 215.2**Item 9.1:**

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

Item 9.2

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

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

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

compliance with the permit or applicable requirements.

Condition 17: Required Emissions Tests
Effective between the dates of 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

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 05/29/2024 and 05/28/2029

Applicable Federal Requirement:40CFR 82, Subpart F

Item 19.1:

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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

Condition 20: Compliance Certification

Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement:6 NYCRR 200.7

Item 20.1:

The Compliance Certification activity will be performed for the Facility.

Item 20.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. No later than 1 year after the effective date of this permit, the owner or operator shall submit to the DEC an operation and maintenance plan for the emissions control equipment, the continuous emission monitors and the SCR ammonia flow meter (if such a monitor is required).
2. The owner or operator shall record any repairs that are required to the devices covered by this plan.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 21: Emission Unit Definition

Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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

Emission Unit: 1-OOOOB

Emission Unit Description:

One natural gas fired boiler with low-NOx burners with a rated heat input of 42 MMBTU/hr constructed in 1994, installed on or about February 15, 2012, and started operation in July 2012. Boiler heat is used for the evaporator and 2 dryers (dry side).

Item 21.2:

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

Emission Unit: U-OOSN2

Emission Unit Description:

Damp crystals of sodium nitrite pass through drying

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

equipment (a crystal evaporator and 2 dryers), from which the exhaust is directed to particulate control equipment and emitted to the atmosphere. Heat is supplied by the boiler.

Building(s): PBLDG

Item 21.3:

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

Emission Unit: U-OSN1A

Emission Unit Description:

This emission unit is located in the production building. Two identical production trains convert ammonia into nitrogen oxides (NO_x) which is then absorbed in an absorption system utilizing a sodium alkali solution to form sodium nitrite. Gases exiting the system pass through demisting particulate control equipment, a single selective catalytic reduction (SCR) system (which serves both process trains) and are emitted to the atmosphere.

Building(s): PBLDG

Item 21.4:

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

Emission Unit: U-OSN3A

Emission Unit Description:

This emission unit is located in the production building. Sodium nitrite dusts are removed from product handling equipment, directed to particulate control equipment, and the exhaust is emitted to the atmosphere. The raw material bag dump station vents inside the building.

Building(s): PBLDG

Condition 22: Compliance Certification

Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement: 6 NYCRR 201-6.4 (b) (2)**Item 22.1:**

The Compliance Certification activity will be performed for the Facility.

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition is applicable if the facility does not use a continuous emission monitor to measure and record ammonia emissions.

1. No later than one year after the effective date of this

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

permit, the owner or operator shall install, calibrate and operate a device to monitor and record ammonia flow to the SCR unit.

2. The owner or operator shall establish an operating range for ammonia flow, based on testing, and this range shall become a parameter in the operation and maintenance plan required elsewhere in this permit. The operating range shall be based on a one hour average.

3. In the semi-annual monitoring certification, the owner or operator shall identify those periods where ammonia flow exceeded the operating range established in the operation and maintenance plan. The owner or operator shall report the beginning and ending time, the cause and the corrective action.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2024.
Subsequent reports are due every 6 calendar month(s).

Condition 23: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 23.1:

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

Emission Unit: U-OSN1A Process: 003	Emission Point: 00001 Emission Source: 1SN1A
Emission Unit: U-OSN1A Process: 003	Emission Point: 00001 Emission Source: 1SN1B
Emission Unit: U-OSN1A Process: 003	Emission Point: 00001 Emission Source: 2SN1A
Emission Unit: U-OSN1A Process: 003	Emission Point: 00001 Emission Source: 2SN1B

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

Item 23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Monitor and record pressure difference across the mist eliminators three times per 8 hour shift of process operation. Compliance will be determined based on instantaneous measurements. The instantaneous pressure drop shall not exceed 25 inches of water for more than one reading.

Parameter Monitored: PRESSURE DROP

Upper Permit Limit: 25 inches of water

Monitoring Frequency: PER SHIFT

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 24: Progress Reports Due Semiannually
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 24.1:

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 25: Operational Flexibility
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 25.1:

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.

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Condition 26: Statement dates for emissions statements.
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 26.1:

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

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

Condition 27: Visible Emissions Limited
Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 27.1:

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 28: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Department reserves the right to perform or require the performance of an EPA Reference Test Method 9 opacity evaluation at any time during facility operation.

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

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

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Reference Test Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 29: Compliance Certification

Effective between the dates of 05/29/2024 and 05/28/2029

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Applicable Federal Requirement: 6 NYCRR 212-2.3 (b)

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. The owner and/or operator shall not cause or allow emissions of contaminants at a rate that results in predicted ambient concentrations in excess of the Annual Guideline Concentrations and Short-term Guideline Concentrations listed in DEC's DAR-1.
2. Within 1 year of the effective date of this permit, the owner or operator shall submit to the DEC a modeling report of predicted ambient impacts of sodium nitrite (combined with sodium nitrate). The modeling shall be conducted in accordance with a protocol approved by the DEC.
3. If the report required in Item 2 shows off-site predicted impacts in excess of the AGC or SGC, no later than one year after the effective date of this permit, the owner or operator shall submit to the DEC a plan to reduce emissions of sodium nitrite, or other remedies, such that predicted impacts are less than the AGC and SGC.
4. If the report required in Item 2 shows off-site predicted impacts in excess of the AGC or SGC, no later two years after the effective date of this permit, the owner or operator shall implement the plan identified in Item 3 above. If the plan results in a proposed reduction in allowable sodium nitrite or ammonia, the owner or operator shall also submit an application to modify this permit.
5. The owner or operator shall, in the annual certification, state whether he or she has complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2025.

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

Condition 30: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Applicable Federal Requirement:6 NYCRR 212-2.4 (a)

Item 30.1:

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

Emission Unit: U-OOSN2 Emission Point: OOSN2

Emission Unit: U-OSN3A Emission Point: OSN3A

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.15 grains per dscf
Reference Test Method: EPA RM 5
Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 31: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 31.1:

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

Emission Unit: U-OSN1A Emission Point: 00001

Emission Unit: U-OSN3A Emission Point: OSN3B

Emission Unit: U-OSN3A Emission Point: OSN3C

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

Item 31.2:

Compliance Certification shall include the following monitoring:

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Initial compliance testing was performed for SCR system. Any subsequent testing shall be done upon request by the Department pursuant to 6 NYCRR Part 202-1.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA RM 5

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 32: General duties to minimize emissions
Effective between the dates of 05/29/2024 and 05/28/2029**

**Applicable Federal Requirement:40CFR 63.11115, NESHAP Subpart
CCCCC**

Item 32.1:

Each owner or operator of a gasoline dispensing facility that is an affected source under Subpart CCCCC must comply with the requirements of paragraphs (a) and (b).

(a) The owner or operator must, at all times, 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 which 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.

(b) The owner or operator must keep applicable records and submit reports as specified in 40 CFR 63.11125(d) and 40 CFR 63.11126(b).

**Condition 33: Requirements for facilities with monthly throughput of
less than 10,000 gallons of gasoline
Effective between the dates of 05/29/2024 and 05/28/2029**

**Applicable Federal Requirement:40CFR 63.11116, NESHAP Subpart
CCCCC**

Item 33.1:

The owner or operator must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

are not limited to, the following:

- (1) Minimize gasoline spills;
- (2) Clean up spills as expeditiously as practicable;
- (3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
- (4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

The owner or operator is not required to submit notifications or reports as specified in 40 CFR 63.11125, 40 CFR 63.11126, or Subpart A of Part 63, but he/she must have records available within 24 hours of a request by the Administrator to document the gasoline throughput.

The owner or operator must comply with the requirements of Subpart CCCCCC by the applicable dates specified in 40 CFR 63.11113.

Portable gasoline containers that meet the requirements of 40 CFR Part 59, Subpart F, are considered acceptable for compliance with paragraph (3) above.

**Condition 34: Mandatory greenhouse gas reporting
Effective between the dates of 05/29/2024 and 05/28/2029**

Applicable Federal Requirement:40 CFR Part 98

Item 34.1:

40 CFR Part 98 establishes mandatory greenhouse gas (GHG) reporting requirements for owners and operators of certain facilities that directly emit GHG as well as for certain fossil fuel suppliers and industrial GHG suppliers. For suppliers, the GHGs reported are the quantity that would be emitted from combustion or use of the products supplied.

Owners and operators of facilities and suppliers that are subject to 40 CFR Part 98 must follow the requirements of subpart A and all applicable subparts of 40 CFR Part 98. If a conflict exists between a provision in subpart A and any other applicable subpart, the requirements of the applicable subpart shall take precedence.

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

**Condition 35: Emission Point Definition By Emission Unit
Effective between the dates of 05/29/2024 and 05/28/2029**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 35.1:

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

Emission Unit: 1-0000B

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Emission Point: OSN4A
 Height (ft.): 75 Diameter (in.): 44
 NYTMN (km.): 4768.525 NYTME (km.): 401.628 Building:
 PARKINGLOT

Item 35.2:

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

Emission Unit: U-OOSN2

Emission Point: OOSN2
 Height (ft.): 69 Diameter (in.): 30
 NYTMN (km.): 4768.572 NYTME (km.): 401.442 Building: PBLDG

Item 35.3:

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

Emission Unit: U-OSN1A

Emission Point: 00001
 Height (ft.): 75 Diameter (in.): 24
 NYTMN (km.): 4768.488 NYTME (km.): 401.803 Building: PBLDG

Item 35.4:

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

Emission Unit: U-OSN3A

Emission Point: OSN3A
 Height (ft.): 73 Diameter (in.): 23
 NYTMN (km.): 4768.56 NYTME (km.): 401.407 Building: PBLDG

Emission Point: OSN3B
 Height (ft.): 47 Diameter (in.): 3
 NYTMN (km.): 4768.684 NYTME (km.): 401.833 Building: PBLDG

Emission Point: OSN3C
 Height (ft.): 47 Diameter (in.): 3
 NYTMN (km.): 4768.684 NYTME (km.): 401.833 Building: PBLDG

Condition 36: Process Definition By Emission Unit
Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 36.1:

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

Emission Unit: 1-OOO0B
 Process: 001 Source Classification Code: 1-02-006-01
 Process Description:

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

One boiler with a heat input rating of 42 MMBTU/hr,
firing natural gas.

Emission Source/Control: BLR01 - Combustion

Item 36.2:

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

Emission Unit: U-OOSN2

Process: 002

Source Classification Code: 3-01-999-99

Process Description:

The process liquor is transferred to a heated evaporator where product crystals are formed. Crystals pass through a centrifuge to separate product crystals from the mother liquor. Solid product is directed through two driers, and a product separation cyclone. Boiler heat is used for the evaporator and 2 dryers. Exhaust gas is directed to the scrubber for particulate control.

Emission Source/Control: OOSN2 - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: S00TD - Process

Emission Source/Control: S0FBD - Process

Item 36.3:

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

Emission Unit: U-OSN1A

Process: 003

Source Classification Code: 3-01-999-99

Process Description:

Two production trains convert ammonia into nitrogen oxides which is then absorbed in an absorption (tower) system utilizing a sodium alkali solution to form sodium nitrite. Gases exiting the system pass through demisting particulate control equipment, a single selective catalytic reduction (SCR) system (which serves both process trains) and are emitted to the atmosphere.

Emission Source/Control: 00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 1SN1A - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 1SN1B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 2SN1A - Control

Control Type: MIST ELIMINATOR

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Emission Source/Control: 2SN1B - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: OSN1A - Process

Emission Source/Control: OSN1B - Process

Item 36.4:

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

Emission Unit: U-OSN3A

Process: 005

Source Classification Code: 3-01-999-99

Process Description:

Sodium nitrite dusts are removed from product handling equipment, directed to particulate control equipment, and exhaust is emitted to the atmosphere.

Emission Source/Control: OSN3A - Control
Control Type: WET SCRUBBER

Emission Source/Control: OOOPL - Process

Emission Source/Control: OORCL - Process

Emission Source/Control: S0FCS - Process

Condition 37: Recordkeeping and reporting.

Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement:40CFR 60.48c, NSPS Subpart Dc

Item 37.1:

This Condition applies to Emission Unit: 1-OOOOB

Process: 001

Item 37.2:

The facility shall maintain reports and records in accordance with the provisions of this section 40 CFR 60-Dc.48c.

Condition 38: Compliance Certification

Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-OOOOB

Emission Point: OSN4A

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a stationary combustion installation shall submit a compliance test protocol to the Department for approval at least 30 days prior to conducting compliance testing of the 0.1 lb/mmBtu particulate matter standard. The owner or operator shall submit the results to the Department for approval within 60 days of the conclusion of compliance testing. Testing shall be conducted once every five years. All records associated with the testing shall be maintained on site or at a Department approved alternative location for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: 40 CFR 60, Appendix A, Method 5

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Compliance Certification

Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1)

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-0000B	Emission Point: OSN4A
Process: 001	Emission Source: BLR01

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

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator shall not cause or allow the emission of oxides of nitrogen to the atmosphere in excess of 0.05 pounds NOx per million Btu based on a one hour average.

Compliance shall be determined through stack emission

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

testing conducted once every 5 years in accordance with a protocol approved by the Department and 6 NYCRR 202.

The owner or operator shall, in the annual certification, state whether he or she has complied with this condition.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 0.05 pounds per million Btus
 Reference Test Method: 40 CFR 60, Appendix A, RM 7, 7E, 19
 Monitoring Frequency: Once every five years
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 40: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement: 6 NYCRR 212-2.3 (b)

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1A Emission Point: 00001

Regulated Contaminant(s):
 CAS No: 007664-41-7 AMMONIA

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition is not applicable if a continuous emission monitor is used to measure ammonia.

1. Emissions of ammonia shall not exceed 5 ppm, by volume, uncorrected.
2. Compliance shall be determined using EPA Conditional Test Method 027 conducted on a semi-annual basis in accordance with a protocol approved by the DEC and 6 NYCRR 202. Reports of such emissions shall be submitted to the DEC no later than 60 days after completion of such testing.
3. The owner or operator shall state, in the annual compliance report, whether he or she is compliant with

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

this condition.

Parameter Monitored: AMMONIA
 Upper Permit Limit: 5 parts per million by volume (dry)
 Reference Test Method: EPA CTM 027 or equivalent
 Monitoring Frequency: SEMI-ANNUALLY
 Averaging Method: Arithmetic average of stack test runs
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

Applicable Federal Requirement: 6 NYCRR 212-2.3 (b)

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1A Emission Point: 00001

Regulated Contaminant(s):
 CAS No: 007664-41-7 AMMONIA

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition is applicable if a continuous emission monitor is used to measure ammonia.

1. Emissions of ammonia shall not exceed 5 ppm, by volume, dry basis, uncorrected. The averaging period shall be 30 day rolling average. The calculation shall not include periods of process downtime.
2. Compliance shall be determined using a continuous emission monitor that meets the performance standards in 40 CFR Part 60, Appendix F, Procedure 1.
3. On an annual basis, the owner or operator shall conduct a relative accuracy test audit according to a protocol approved by the DEC and 40 CFR Part 60, App F, Performance Specification 2.
4. The owner or operator shall conduct cylinder gas audits the CEM system on a quarterly basis.
5. The owner or operator shall submit to the DEC, on a

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

3. The owner or operator shall submit to the Department, on a calendar semi-annual basis, a report of excess emissions and CEM and process down time. For each period of excess emission or CEM downtime, the report shall state the time the excess emission began and ended, the cause, and the corrective action.

Manufacturer Name/Model Number: Ametek analyzer
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 48 pounds per hour
 Reference Test Method: 40 CFR 60 PS2, App B & F
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN3A Emission Point: OSN3A

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

Item 43.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Monitor and record electric current on the spray pump to the particulate removal unit. Compliance will be determined based upon instantaneous measurements taken every two hours. The instantaneous current (amperage) shall not drop below 3 amps or exceed 10 amps for greater than a 1-hr period.

Manufacturer Name/Model Number: LFE INSTRUMENTS/V3346SNG
 Parameter Monitored: CURRENT/CURRENT DRAW
 Lower Permit Limit: 3 amperes
 Upper Permit Limit: 10 amperes
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
 DESCRIPTION
 Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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 44: Contaminant List

Effective between the dates of 05/29/2024 and 05/28/2029

Applicable State Requirement: ECL 19-0301

Item 44.1:

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

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 00E701-17-7

Name: NITRITE PLUS NITRATE TOTAL 1 DET. (AS N)

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Condition 45: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 05/29/2024 and 05/28/2029

Applicable State Requirement: 6 NYCRR 201-1.4

Item 45.1:

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 46: Air pollution prohibited
Effective between the dates of 05/29/2024 and 05/28/2029

Applicable State Requirement:6 NYCRR 211.1

Item 46.1:

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.

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Condition 47: Compliance Demonstration
Effective between the dates of 05/29/2024 and 05/28/2029

Applicable State Requirement:6 NYCRR Subpart 212-2

Item 47.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 47.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. No owner or operator shall allow or cause emissions of any air contaminant that results in predicted ambient impacts in excess of the short-term guideline concentrations.
2. No owner or operator shall allow or cause emissions of any air contaminant that results in predicted ambient impacts in excess of the annual guideline concentrations.
3. Compliance shall be determined using modeling conducted in accordance with a protocol approved by the DEC and upon the request of the DEC.
4. The owner or operator, in the annual certification, shall state whether he or she is compliant with this requirement.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2025.

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

Condition 48: Compliance Demonstration
Effective between the dates of 05/29/2024 and 05/28/2029

Applicable State Requirement:6 NYCRR 212-2.1

Item 48.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-OOSN2

Emission Point: OOSN2

Regulated Contaminant(s):

CAS No: 00E701-17-7 NITRITE PLUS NITRATE TOTAL 1 DET. (AS N)

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility shall comply with a mass emission limit of 2.4 lbs./hr. for total nitrate/nitrate from the Ducon and flake scrubbers and the fugitive emission dust collection systems, combined. This represents the total controlled nitrate/nitrite emissions used in the title V renewal application modelling. Stack testing for compliance with this limit shall be conducted within 180 days of permit issuance. The averaging method used will be as per the reference test method for nitrate/nitrite. This permit condition is related to air pollution control effectiveness, for post-production processing of product.

Upper Permit Limit: 2.4 pounds per hour

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 49: Compliance Demonstration
Effective between the dates of 05/29/2024 and 05/28/2029

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

Item 49.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 49.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall not cause or allow emissions from any process emission sources of any High Toxicity Air Contaminant in excess of the corresponding Mass Emission Limit stated in 6 NYCRR 212-2.2, Table 2. Those contaminants with a Mass Emission Limit designated as NA shall not be emitted at any emission rate.

On a calendar year basis, the owner or operator shall state, in his or her annual certification, whether he or she has complied with this request.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

The initial report is due 1/30/2025.
 Subsequent reports are due every 12 calendar month(s).

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

Condition 50: Compliance Demonstration
 Effective between the dates of 05/29/2024 and 05/28/2029

Applicable State Requirement: 6 NYCRR 212-3.1

Item 50.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OSN1A Emission Point: 00001

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

Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

1. Chemtrade will continuously monitor percent removal of NOx from the SCR system.
2. In the event that the NOx monitoring equipment confirms a percent removal of less than 90% for any compliance period (as defined below), the facility will make arrangements to replace the SCR catalyst during the next subsequent scheduled unit shutdown, unless the mass emissions of NOx from the SCR system are continuously maintained at a rate equal to or less than 24 lb/hr at the SCR outlet. Chemtrade shall notify the Department in writing within 2 business days of triggering this requirement. The notification shall include the estimated timeframe for the next scheduled unit shutdown.
3. Chemtrade shall assess the catalyst once every other year; maintain a record of the sample date; indicate if the catalyst activity is sufficient to achieve the required reductions; and, if necessary, take corrective action. Chemtrade shall also notify the Department upon start up of the unit after SCR catalyst replacement within 2 business days of start up.
4. Under no circumstances shall operation of the SCR system and sodium nitrite process be allowed when the NOx monitoring equipment confirms percent NOx removal has

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

fallen below 80% (for one entire applicable compliance period), except during periods of start-up, shutdown, malfunction, or when mass emissions of NO_x at the SCR outlet are otherwise continually maintained at a rate equal to or less than 24 lbs/hr, for any compliance period.

5. The SCR system shall be kept in a satisfactory state of maintenance and repair, it shall be operated in a manner consistent with the manufacturer's specifications and recommendations and also good engineering practices; including optimal ammonia flow rates and all other operational parameters.

6. Compliance with the percent removal requirements specified in this condition, shall be based on a compliance period of 24 hour averages during the ozone season (May, June, July, August and September) and a 30-day rolling averages outside of the ozone season.

7. CEMS Averaging Procedures: 24 hour rolling averages will be calculated as the average of the previous 24 valid one hour block averages. For a one hour block average to be deemed valid, the following must be true:

1. The facility operated at least one train in steady state operation for at least 75% of the hour, and
2. At least 3 sample data points, spaced no less than 15 minutes apart, were obtained during the hour and
3. The SCR system and/or the other sodium nitrite production train are not in a period of start-up, shutdown or malfunction mode.

30 day rolling averages will be calculated as the average of all valid 1 hour block averages over the previous 30 calendar days.

8. CEMS Down time Requirement: The facility must obtain valid 1 hour CEMS data for a minimum of 90% of all valid 1 hour operating periods during each calendar year quarter.

9. CEMS Reporting: The facility shall submit a Quarterly CEMS report identifying all periods of excess emissions and CEMS downtime for each calendar year quarter. This report shall be received by the Department no later than 30 calendar days after the end of each calendar year quarter.

Manufacturer Name/Model Number: Ametek analyzer
Parameter Monitored: OXIDES OF NITROGEN
Lower Permit Limit: 80 percent reduction

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Reference Test Method: 40 CFR 60 PS2, App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

Subsequent reports are due every 3 calendar month(s).

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009