

Facility DEC ID: 5179900005

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 5-1799-00005/02001
Mod 0 Effective Date: 11/26/2019 Expiration Date: 11/25/2029
Mod 1 Effective Date: 05/03/2021 Expiration Date: 11/25/2029

Permit Issued To: BENJAMIN MOORE & CO
101 PARAGON DR
MONTVALE, NJ 07645-0220

Contact: Dan Calkins
Benjamin Moore & Co
101 Paragon Dr
Montvale, NJ 07645-1727

Facility: BENJAMIN MOORE & CO
155 Union Ave
Johnstown, NY 12095

Contact: Paul Connelie
155 Union Ave Ext
Johnstown, NY 12095-3335

Description:

Benjamin Moore is submitted this application in anticipation of a process improvement in the Resin Plant and an increase in capacity of the Paint Plant, which includes the addition of storage tanks, paint cells, colorant cells, and packaging lines. The total paint plant manufacturing capacity will increase from the current permitted throughput of 30 million gallons of paint/year to a total of 50 million gallons of paint/year, as well as another two(2) million gallons of colorant/year. Benjamin Moore is requesting a combined limit of 52 million gallons for paint and colorant. After this permitting action, Benjamin Moore is requesting the following limits to be listed in the permit:

- A limit of 52,000,000 gallons per year for the Paint Plant, including paint and colorant;
 - A limit of 450,000 pounds per year of Ammonia 26 BE for use in the Paint Plant, and 255,000 pounds per year of Ammonia 26 BE for the Resin Plant, to ensure compliance with ammonia emissions under 6 NYCRR Part 212;
 - A limit of 14,000,000 gallons per year on polymeric resins, the same as the current permit;
 - A limit of 8,400,000 gallons per year on vinyl acrylic resins, the same as the current permit;
- and,
- A limit of 150,000 pounds per year for facility-wide acrylic acid usage, the same as the current permit, and to ensure compliance with 6 NYCRR Part 212.

The modification at the Resin Plant includes making certain changes to streamline the process.

These

changes include performing reactor depressurization earlier in the process and at a higher temperature, transferring the reactor contents to the Cooldown tank with a slightly higher

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residual monomer content, and adding certain solutions to the Cooldown tank instead of the reactor. However, as a result of these process modifications, the volatile organic compounds (VOC) and hazardous air pollutants (HAPs) will slightly increase.

The proposed modification to the Paint Plant will include the following installations:

- 29 new storage tanks;
- Multiple 750-gallon storage totes;
- Two new 10K paint cells, each consisting of one mix tank (7,000 gal) and two thinning/shading tanks (10,000 gal) each;
- 12 colorant cells, each consisting of one colorant mix tank (3,750 gal), one liquid colorant mill, and one colorant thinning/shading tank (4,400 gal) each;
- Six new packaging lines, consisting of one high speed gallon paint line with two 500-gallon fill tanks, one five-gallon paint line with two 500-gallon fill tanks, one quart paint line with two 500-gallon fill tanks, one half-pint paint line with two 500-gallon fill tanks each, one gallon colorant line, and one quart colorant line (each filler has a 35-60 gallon fill hopper / cart attached to it); and,
- Three new dust collectors, including one for the paint operations, one for a new TiO2 powder conveying system, and one for the colorant operations. At this point in the project design, Benjamin Moore has not evaluated the exact flowrate of the three dust collectors but expects them to be similar to the existing dust collectors on site. As such, Benjamin Moore has assumed all new dust collectors will have flowrates of 20,000 cfm. All dust collectors will be located in the same vicinity but will have various pick up points at different parts of the process.

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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- 5 2 Relationship of this Permit to Other Department Orders and Determinations
- 5 3 Applications for permit renewals, modifications and transfers
- 6 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 6 5 Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG

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DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 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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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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101 PARAGON DR
MONTVALE, NJ 07645-0220

Facility: BENJAMIN MOORE & CO
155 Union Ave
Johnstown, NY 12095

Authorized Activity By Standard Industrial Classification Code:
2821 - PLASTICS MATERIALS AND RESINS
2851 - PAINTS AND ALLIED PRODUCTS

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NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 1/Mod 1/FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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,

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required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

(a) Except as otherwise provided by this Part, construction or operation of a new, modified or existing air contamination source without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

Item E: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

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.

Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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 H: Proof of Eligibility for Sources Defined as Trivial

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Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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 I: Required Emission Tests - 6 NYCRR 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

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)

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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.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Open Fires - Prohibitions
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement: 6 NYCRR 215.2

Item 1.1:

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 1.2

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.

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(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.

Condition 2: Exempt Sources - Proof of Eligibility
Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 2.1:

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

Condition 3: Required Emissions Tests
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 3.1:

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 4: Accidental release provisions.
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:40 CFR Part 68

Item 4.1:

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;

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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 5: Exempt and Trivial Activities Applicability
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:6 NYCRR 201-3.1 (a)

Item 5.1:

If the facility owner and/or operator performs any of the exempt and trivial activities listed in 6 NYCRR Part 201-3.2(c) or 201-3.3(c), such activities are exempt from the permitting provisions of 6 NYCRR Part 201-5, but not from other Parts of 6 NYCRR Chapter III, or from applicable permitting requirements of local air pollution control agencies.

Condition 6: Facility Permissible Emissions
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 6.1:

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: 000108-05-4 (From Mod 1) PTE: 19,020 pounds
per year

Name: ACETIC ACID ETHENYL ESTER

Condition 9: Compliance Demonstration
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:6 NYCRR Part 205

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

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

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Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Part 205 applies to facilities who supply, sell, offer for sale, or manufacture any architectural coating for use within the State of New York, as well as any person who applies or solicits the application of any architectural coating within the State of New York.

The permittee must use coatings that meet the appropriate VOC content standards in Section 205.3.

The paint plant (U-PP001) manufactures architectural coatings subject to Part 205. These coatings must be compliant with the standards, including VOC content limits, of Section 205.3. In accordance with Section 205.6, the facility must conduct the appropriate analyses on the paints produced to demonstrate compliance with the applicable VOC content limits.

In addition, the permittee shall display the following information on all container labels or lids, pursuant to the requirements in Section 205.4: 1) date code; 2) thinning recommendations; and 3) VOC content. To the extent applicable, the permittee must also include the information specified in subdivisions 205.4(d)-(i) on labels, as required, for any industrial maintenance coatings, clear brushing lacquers, rust preventive coatings, specialty primers, sealers and undercoaters, quick dry enamels, or high-gloss coatings.

The permittee must keep records as specified in Section 205.5. These records shall be kept for a period of not less than five years and shall be made available to the department within 90 days of request.

If the permittee manufactures any architectural coatings that contain perchloroethylene or methylene chloride, they shall, on or before April 1st of each calendar year, report to the director, Division of Air Resources, Department of Environmental Conservation, the information specified in Paragraphs 205.5(c)(1)-(4).

If the permittee manufactures any recycled coatings, they shall, on or before April 1st of each calendar year, report to the director, Division of Air Resources, Department of Environmental Conservation, the information specified in subdivision 205.5(d).

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Architectural coatings that are sold or manufactured for use outside of the state of New York or for shipment to other manufacturers for reformulation or repackaging are not subject to the requirements specified in this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 10: Visible Emissions Limited
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 10.1:

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 11: Maintain all process emission sources, including the associated air pollution control and monitoring equipment
Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 11.1:

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 12: Compliance Demonstration
Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 12.1:

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

Emission Unit: U-PP001

Emission Unit: U-RT001

Emission Unit: U-ST001

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

Permit ID: 5-1799-00005/02001

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Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

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.

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 13: Applicability of Subpart A General Provisions
Effective between the dates of 11/26/2019 and 11/25/2029**

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 13.1:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility

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owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 14: Compliance Demonstration
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:40CFR 60.116b(c), NSPS Subpart Kb

Item 14.1:

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

| | |
|------------------------|------------------------|
| Emission Unit: U-ST001 | |
| Process: ST1 | Emission Source: ST01F |

| | |
|------------------------|------------------------|
| Emission Unit: U-ST001 | |
| Process: ST1 | Emission Source: ST01G |

| | |
|------------------------|------------------------|
| Emission Unit: U-ST001 | |
| Process: ST1 | Emission Source: ST01H |

| | |
|------------------------|------------------------|
| Emission Unit: U-ST001 | |
| Process: ST2 | Emission Source: ST01F |

| | |
|------------------------|------------------------|
| Emission Unit: U-ST001 | |
| Process: ST2 | Emission Source: ST01G |

| | |
|------------------------|------------------------|
| Emission Unit: U-ST001 | |
| Process: ST2 | Emission Source: ST01H |

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

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. These records shall be kept on site for a minimum of 2 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-1: Applicability
Effective between the dates of 05/03/2021 and 11/25/2029

Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ

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Item 1-1.1:

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

Condition 15: General Provisions

Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:40CFR 63, Subpart A

Item 15.1:

This emission source is subject to the applicable provisions of 40 CFR 63 Subpart A. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 16: Applicability

Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 16.1:

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

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

Condition 1-2: Compliance Demonstration

Effective between the dates of 05/03/2021 and 11/25/2029

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

Item 1-2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AX001

Item 1-2.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a stationary combustion installation subject to this Subpart shall operate an emission source which exhibits greater than 20 percent opacity (based on a six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The owner or operator will conduct a Method 9

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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 18: Compliance Demonstration
Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AX001

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

g(1) Except as provided under paragraphs (g)(2) and (g)(3) of this section, the owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each operating day.

g(2) As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

g(3) As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted

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in any steam generating unit (including steam generating units not subject to this subpart) at that property are natural gas, wood, distillate oil meeting the most current requirements in 40 CFR 60.42c to use fuel certification to demonstrate compliance with the SO2 standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard (excluding opacity) may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month

The required records must be made available for review upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 19: Compliance Demonstration
Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 19.1:
 The Compliance Demonstration activity will be performed for:

Emission Unit: U-AX001

Item 19.2:
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-3: Capping Monitoring Condition
Effective between the dates of 05/03/2021 and 11/25/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 1-3.1:
 Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

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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 201-6.1

Item 1-3.2:

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

Item 1-3.3:

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

Item 1-3.4:

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

Item 1-3.5:

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

Item 1-3.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PP001

Regulated Contaminant(s):

CAS No: 000108-05-4 ACETIC ACID ETHENYL ESTER

Item 1-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Paint production from the Paint Plant at this facility is limited to no more than 52,000,000 gallons during any consecutive 12-month period, rolled monthly. The permittee must monitor the production of paint from the Paint Plant and record the monthly and 12-month rolling production. Each 12-month paint production total will be compared to the permitted limit of 52,000,000 gallons.

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Based upon emission calculations performed for the selected worst-case products, total Vinyl Acetate (aka, Acetic Acid Ethenyl Ester) emissions from the Paint Plant will be below 0.08 tons per year by maintaining paint production below this limit.

Permittee must submit an annual report of monthly and 12 month rolling production to document compliance with the permitted limit of 52,000,000 gallons per year.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PAINT
Upper Permit Limit: 52 million gallons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2021.
Subsequent reports are due every 12 calendar month(s).

Condition 1-4: Compliance Demonstration
Effective between the dates of 05/03/2021 and 11/25/2029

Applicable Federal Requirement: 6 NYCRR 228-2.4 (a)

Item 1-4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PP001

Item 1-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When a facility uses, applies, solicits, requires the use of, specifies the application of, sells, supplies, offers for sale, or manufactures for sale in the State of New York any commercial or industrial adhesive, sealant, adhesive primer or sealant primer, the concentration of the volatile organic compounds (VOC) shall not exceed the VOC content limits specified in Table 1 of 6 NYCRR Part 228-2.4

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-5: Compliance Demonstration
Effective between the dates of 05/03/2021 and 11/25/2029

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Applicable Federal Requirement:6 NYCRR 228-2.5 (c)

Item 1-5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PP001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records made to determine compliance with Subpart 228-2 shall be maintained for five years from the date such record is created and shall be made available to the Department within 90 days of a request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-6: Compliance Demonstration

Effective between the dates of 05/03/2021 and 11/25/2029

Applicable Federal Requirement:6 NYCRR 228-2.7 (a)

Item 1-6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PP001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each manufacturer of a commercial or industrial adhesive, sealant, adhesive primer or sealant primer subject to a VOC content limit in 6 NYCRR Part 228-2.4(a) shall display the following information on the container or label:

(1) a statement of the manufacturer's recommendation regarding thinning, reducing or mixing, provided:

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- (i) a statement is not required for thinning, reducing or mixing with water; and
- (ii) if thinning prior to use is not necessary, the recommendation shall specify that the product is to be applied as supplied;
- (2) the maximum or the actual VOC content as supplied, displayed in grams of VOC per liter of product; and
- (3) the maximum or the actual VOC content as applied in accordance with the manufacturer's recommendation regarding thinning, reducing or mixing, displayed in grams of VOC per liter of applied product.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-7: Compliance Demonstration
Effective between the dates of 05/03/2021 and 11/25/2029

Applicable Federal Requirement:6 NYCRR 228-2.7 (b)

Item 1-7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PP001

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

Item 1-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each manufacturer of a commercial or industrial adhesive, sealant, adhesive primer or sealant primer shall calculate the VOC content using the manufacturer's formulation data or determined using the calculations, procedures and test methods in 6 NYCRR Part 228-2.6.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-8: Capping Monitoring Condition
Effective between the dates of 05/03/2021 and 11/25/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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Item 1-8.1:

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 201-6.1

Item 1-8.2:

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

Item 1-8.3:

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

Item 1-8.4:

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

Item 1-8.5:

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

Item 1-8.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-RT001

Regulated Contaminant(s):

CAS No: 000108-05-4 ACETIC ACID ETHENYL ESTER

Item 1-8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Vinyl Acrylic resin production from the Resin Plant at this facility is limited to no more than 8,400,000 gallons during any consecutive 12 month period, rolled monthly. The permittee must monitor the production of vinyl

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Facility DEC ID: 5179900005

acrylic resin products and record the monthly and 12-month rolling production from the 10K and 7K reactors. Each 12-month vinyl acrylic resin production total will be compared to the permitted limit of 8,400,000 gallons.

Based upon emissions calculations performed for a worse-case product, total Vinyl Acetate (aka, Acetic Acid Ethenyl Ester) emissions from the Resin Plant will remain below 8.78 tons per year by maintaining vinyl acrylic resin production below this limit.

Permittee must submit an annual report of monthly and 12-month rolling production to document compliance with the permitted limit of 8,400,000 gallons per year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 8.4 million gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 20: Capping Monitoring Condition
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 20.1:

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

6 NYCRR 201-6.1

Item 20.2:

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

Item 20.3:

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

Item 20.4:

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

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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 20.5:

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

Item 20.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-RT001

Regulated Contaminant(s):

CAS No: 000108-05-4 ACETIC ACID ETHENYL ESTER

Item 20.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The conservation vents on both monomer weigh tanks must be maintained annually to ensure that the housing is not damaged, the pallet and seal are not contaminated, and that the pallet and springs are mobile.

In addition, the pressure control valves on both reactors must be maintained annually to ensure that connections are cleaned and no corrosion exists in the actuator parts.

This is required so that the calculations, upon which compliance with Vinyl Acetate and Acrylic Acid emission limits are based, remain valid.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 21: Capping Monitoring Condition

Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7**Item 21.1:**

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

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otherwise be subject to:

6 NYCRR 201-6.1

Item 21.2:

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

Item 21.3:

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 21.4:

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 21.5:

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 21.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ST001

Regulated Contaminant(s):

CAS No: 000108-05-4 ACETIC ACID ETHENYL ESTER

Item 21.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner/operator shall operate and maintain the vapor recovery systems used to control emissions from emission sources ST01A, ST01B, ST01C, ST01D, ST01E, ST01F, ST01G and ST01H at 95 % control efficiency at all times. The source owner/operator shall keep the device 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.

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This is required to ensure that the calculations, upon which compliance with Vinyl Acetate emission limits are based, remain valid.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 22: Subpart Kb - VOC Tanks constructed after July 23, 1984 Effective between the dates of 11/26/2019 and 11/25/2029

Applicable Federal Requirement:40CFR 60, NSPS Subpart Kb

Item 22.1:

This Condition applies to:

| | |
|---------------------------------------|---|
| Emission Unit: UST001 Process: ST1 | Emission Point: ST001 Emission Source: ST01F |
| Emission Unit: UST001 Process: ST1 | Emission Point: ST001 Emission Source: ST01G |
| Emission Unit: UST001 Process: ST1 | Emission Point: ST001 Emission Source: ST01H |
| Emission Unit: UST001 Process: ST2 | Emission Point: ST001 Emission Source: ST01F |
| Emission Unit: UST001 Process: ST2 | Emission Point: ST001 Emission Source: ST01G |
| Emission Unit: UST001 Process: ST2 | Emission Point: ST001 Emission Source: ST01H |

Item 22.1:

This Condition applies to Emission Unit: U-ST001
Process: ST1 Emission Source: ST01H

Item 22.2.3:

This source is subject to the requirements of 40 CFR 60 Subpart Kb.

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Facility DEC ID: 5179900005

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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance

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with 6 NYCRR Part 616 - Public Access to Records.
Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: **General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 23: Contaminant List

Effective between the dates of 11/26/2019 and 11/25/2029

Applicable State Requirement: ECL 19-0301

Item 23.1:

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

CAS No: 000079-10-7
Name: 2-PROPENOIC ACID

CAS No: 000108-05-4
Name: ACETIC ACID ETHENYL ESTER

CAS No: 007664-41-7
Name: AMMONIA

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

CAS No: 0NY075-00-0
Name: PARTICULATESCAS No: 0NY998-00-0
Name: VOC**Condition 1-9: Malfunctions and Start-up/Shutdown Activities**
Effective between the dates of 05/03/2021 and 11/25/2029**Applicable State Requirement: 6 NYCRR 201-1.4****Replaces Condition(s) 24****Item 1-9.1:**

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

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

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

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

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

Condition 25: Emission Unit Definition

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Effective between the dates of 11/26/2019 and 11/25/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 25.1(From Mod 1):

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

Emission Unit: U-AX001

Emission Unit Description:

Emission Unit U-AX001 is Johnstown Plant’s boiler. Auxiliary sources includes two (2) boilers; York Shipley Rating 6.695 MMBtu/hr and Cleaver Brooks Rating 16.329 MMBtu/hr. York Shipley is a smaller boiler at the facility, which is exempt.

Building(s): Utility

Item 25.2(From Mod 1):

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

Emission Unit: U-PP001

Emission Unit Description:

Emission Unit U-PP001 is the Paint Plant includes all associated mixing vessels and equipment such as the dust collectors, process tanks, raw material storage tanks, finished product storage tanks associated with the existing Paint Plant and Paint expansion building (new equipment in 10K expansion building)

Building(s): Paint
Paint(10K)
Paint(TH1)
Paint(TH2)
Paint(TH3)

Item 25.3(From Mod 1):

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

Emission Unit: U-RT001

Emission Unit Description:

Emission Unit U-RT001 is the Resin Plant and includes all associated vessels and equipment such as reactors, weigh tanks, and cooldown tanks.

Building(s): Resin

Item 25.4(From Mod 1):

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

Emission Unit: U-ST001

Emission Unit Description:

Emission Unit U-ST001 is the exterior tank farm which includes various raw material storage tanks.

Building(s): Tank Farm

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Condition 26: Renewal deadlines for state facility permits
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 26.1:

The owner or operator of a facility having an issued state facility 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.

Condition 27: Compliance Demonstration
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 27.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 5
232 Golf Course Rd.
Warrensburg, NY 12885

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: Air pollution prohibited
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable State Requirement:6 NYCRR 211.1

Item 28.1:

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 29: Compliance Demonstration

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 29.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 29.2:

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. Compliance with this requirement shall be determined by the facility owner/operator conducting a monthly survey of visible emissions when the process is in operation and keeping a record of each survey. If any visible emissions above those that are normal and in compliance with 6 NYCRR 212-1.6 (a) are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 30: Compliance Demonstration

Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 30.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000079-10-7 2-PROPENOIC ACID

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Usage of Acrylic Acid (aka, 2-Propenoic Acid) at this facility is limited to no more than 150,000 pounds during

Permit ID: 5-1799-00005/02001

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any consecutive 12-month period, rolled monthly. The permittee must record monthly and 12-month rolling totals of plant-wide usage of acrylic acid.

Based upon calculations performed for a worst-case product, emissions of Acrylic Acid, which was assigned an environmental rating of "B" will meet the requirements specified in 6 NYCRR 212-2.1(b) if usage of this chemical is limited to 150,000 pounds during any consecutive 12-month period, rolled monthly.

Permittee must submit an annual report of monthly and 12 month rolling total usage of Acrylic Acid to document compliance with the permitted limit of 150,000 pounds per year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: RAW MATERIAL

Upper Permit Limit: 150,000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2020.

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

Condition 31: Compliance Demonstration
Effective between the dates of 11/26/2019 and 11/25/2029

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

Item 31.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants for the environmental rating assigned to the contaminant by the department.

Monitoring Frequency: WHEN THE SOURCE IS OPERATING

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 32: Idling of Diesel Trucks Limited
Effective between the dates of 11/26/2019 and 11/25/2029

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Applicable State Requirement:6 NYCRR 217-3.2

Item 32.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

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

**Condition 33: Emission Point Definition By Emission Unit
Effective between the dates of 11/26/2019 and 11/25/2029**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 33.1(From Mod 1):

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

Emission Unit: U-AX001

Emission Point: AX001
 Height (ft.): 12 Diameter (in.): 18
 NYTMN (km.): 4760.238 NYTME (km.): 549.653 Building: Utility

Item 33.2(From Mod 1):

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

Emission Unit: U-PP001

Emission Point: PP001
 Height (ft.): 33 Diameter (in.): 16
 NYTMN (km.): 4760.21 NYTME (km.): 549.64 Building: Paint

Emission Point: PP002
 Height (ft.): 33 Diameter (in.): 18
 NYTMN (km.): 4760.19 NYTME (km.): 549.65 Building: Paint

Emission Point: PP003
 Height (ft.): 38 Diameter (in.): 3
 NYTMN (km.): 4760.17 NYTME (km.): 549.6 Building: Paint

Emission Point: PP004
 Height (ft.): 38 Diameter (in.): 3
 NYTMN (km.): 4760.19 NYTME (km.): 549.59 Building: Paint

Emission Point: PP005
 Height (ft.): 38 Diameter (in.): 3
 NYTMN (km.): 4760.18 NYTME (km.): 549.59 Building: Paint

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| | | | |
|-----------------------|----------------------|---------------------|----------------------|
| Emission Point: PP006 | Height (ft.): 38 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.18 | NYTME (km.): 549.59 | Building: Paint |
| Emission Point: PP007 | Height (ft.): 38 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.17 | NYTME (km.): 549.6 | Building: Paint |
| Emission Point: PP008 | Height (ft.): 31 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.21 | NYTME (km.): 549.62 | Building: Paint(TH1) |
| Emission Point: PP009 | Height (ft.): 31 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.21 | NYTME (km.): 549.62 | Building: Paint(TH1) |
| Emission Point: PP010 | Height (ft.): 31 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.23 | NYTME (km.): 549.61 | Building: Paint(TH2) |
| Emission Point: PP011 | Height (ft.): 31 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.23 | NYTME (km.): 549.61 | Building: Paint(TH2) |
| Emission Point: PP012 | Height (ft.): 42 | Diameter (in.): 16 | |
| | NYTMN (km.): 4760.1 | NYTME (km.): 549.61 | Building: Paint(10K) |
| Emission Point: PP013 | Height (ft.): 42 | Diameter (in.): 16 | |
| | NYTMN (km.): 4760.1 | NYTME (km.): 549.61 | Building: Paint(10K) |
| Emission Point: PP014 | Height (ft.): 42 | Diameter (in.): 16 | |
| | NYTMN (km.): 4760.1 | NYTME (km.): 549.61 | Building: Paint(10K) |
| Emission Point: PP015 | Height (ft.): 40 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.23 | NYTME (km.): 549.59 | Building: Paint(TH3) |
| Emission Point: PP016 | Height (ft.): 40 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.23 | NYTME (km.): 549.59 | Building: Paint(TH3) |
| Emission Point: PP017 | Height (ft.): 40 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.22 | NYTME (km.): 549.58 | Building: Paint(TH3) |
| Emission Point: PP018 | Height (ft.): 40 | Diameter (in.): 3 | |
| | NYTMN (km.): 4760.22 | NYTME (km.): 549.58 | Building: Paint(TH3) |

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Facility DEC ID: 5179900005

Item 33.3(From Mod 1):

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

| | | | |
|------------------------|---------------------|-----------------|--|
| Emission Unit: U-RT001 | | | |
| Emission Point: RT001 | | | |
| Height (ft.): 44 | Diameter (in.): 4 | | |
| NYTMN (km.): 4760.23 | NYTME (km.): 549.64 | Building: Resin | |
| Emission Point: RT002 | | | |
| Height (ft.): 42 | Diameter (in.): 3 | | |
| NYTMN (km.): 4760.25 | NYTME (km.): 549.64 | Building: Resin | |
| Emission Point: RT003 | | | |
| Height (ft.): 42 | Diameter (in.): 6 | | |
| NYTMN (km.): 4760.25 | NYTME (km.): 549.64 | Building: Resin | |
| Emission Point: RT004 | | | |
| Height (ft.): 45 | Diameter (in.): 6 | | |
| NYTMN (km.): 4760.24 | NYTME (km.): 549.63 | Building: Resin | |
| Emission Point: RT005 | | | |
| Height (ft.): 44 | Diameter (in.): 4 | | |
| NYTMN (km.): 4760.25 | NYTME (km.): 549.63 | Building: Resin | |
| Emission Point: RT006 | | | |
| Height (ft.): 48 | Diameter (in.): 3 | | |
| NYTMN (km.): 4760.23 | NYTME (km.): 549.64 | Building: Resin | |
| Emission Point: RT007 | | | |
| Height (ft.): 43 | Diameter (in.): 4 | | |
| NYTMN (km.): 4760.22 | NYTME (km.): 549.64 | Building: Resin | |
| Emission Point: RT009 | | | |
| Height (ft.): 45 | Diameter (in.): 3 | | |
| NYTMN (km.): 4760.23 | NYTME (km.): 549.64 | Building: Resin | |
| Emission Point: RT010 | | | |
| Height (ft.): 43 | Diameter (in.): 2 | | |
| NYTMN (km.): 4760.25 | NYTME (km.): 549.64 | Building: Resin | |
| Emission Point: RT011 | | | |
| Height (ft.): 44 | Diameter (in.): 2 | | |
| NYTMN (km.): 4760.23 | NYTME (km.): 549.64 | Building: Resin | |

Item 33.4(From Mod 1):

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

| | |
|------------------------|--|
| Emission Unit: U-ST001 | |
| Emission Point: ST01A | |

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| | | |
|-----------------------|---------------------|---------------------|
| Height (ft.): 43 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.26 | NYTME (km.): 549.62 | Building: Tank Farm |
| Emission Point: ST01B | | |
| Height (ft.): 43 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.26 | NYTME (km.): 549.61 | Building: Tank Farm |
| Emission Point: ST01C | | |
| Height (ft.): 43 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.26 | NYTME (km.): 549.61 | Building: Tank Farm |
| Emission Point: ST01D | | |
| Height (ft.): 43 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.26 | NYTME (km.): 549.61 | Building: Tank Farm |
| Emission Point: ST01E | | |
| Height (ft.): 43 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.25 | NYTME (km.): 549.6 | Building: Tank Farm |
| Emission Point: ST01F | | |
| Height (ft.): 43 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.26 | NYTME (km.): 549.6 | Building: Tank Farm |
| Emission Point: ST01G | | |
| Height (ft.): 36 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.27 | NYTME (km.): 549.63 | Building: Tank Farm |
| Emission Point: ST01H | | |
| Height (ft.): 36 | Diameter (in.): 3 | |
| NYTMN (km.): 4760.27 | NYTME (km.): 549.63 | Building: Tank Farm |

Condition 34: Process Definition By Emission Unit
Effective between the dates of 11/26/2019 and 11/25/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 34.1(From Mod 1):

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

Emission Unit: U-AX001
 Process: AX1 Source Classification Code: 1-02-006-02
 Process Description:
 Operation of boiler

The Johnstown Plant has two natural gas fired boilers – one Cleaver Brooks Boiler and one York Shipley Boiler. The maximum heat input capacity of the Cleaver Brooks Boiler is 16.329 MMBtu/hr, which is already listed in the permit. The maximum heat input capacity of the York Shipley Boiler is 6.7 MMBtu/hr. 6 NYCRR Part 201-3.2(c)(1)(i) indicates that stationary or portable combustion installations with a maximum rated heat input capacity less than 10 MMBtu/hr

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burning fuels other than coal or wood are permit exempt.
Therefore, the 6.7 MMBtu/hr York Shipley Boiler is exempt.
Emission Unit U-AX001 includes only the Cleaver Brooks boiler which meets the outlined maximum heat input capacity requirements.

Emission Source/Control: AX001 - Process
Design Capacity: 16.329 million Btu per hour

Item 34.2(From Mod 1):

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

Emission Unit: U-PP001
Process: BL1 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 82.

Emission Source/Control: TK 82 - Process
Design Capacity: 14,000 gallons

Item 34.3(From Mod 1):

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

Emission Unit: U-PP001
Process: BL2 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 84.

Emission Source/Control: TK 84 - Process
Design Capacity: 12,400 gallons

Item 34.4(From Mod 1):

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

Emission Unit: U-PP001
Process: BL3 Source Classification Code: 3-01-014-99
Process Description:
Biocide misting system. Latex Storage tank 85, tank 97 and tank 99.

Emission Source/Control: TK 85 - Process
Design Capacity: 12,400 gallons

Emission Source/Control: TK 97 - Process
Design Capacity: 11,386 gallons

Emission Source/Control: TK 99 - Process
Design Capacity: 11,386 gallons

Item 34.5(From Mod 1):

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

Emission Unit: U-PP001
Process: BL4 Source Classification Code: 3-01-014-99

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Process Description: Biocide misting system. Latex Storage tank 98.

Emission Source/Control: TK 98 - Process
Design Capacity: 11,386 gallons

Item 34.6(From Mod 1):

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

Emission Unit: U-PP001
Process: BM1 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex storage tank 7.

Emission Source/Control: TK 7 - Process
Design Capacity: 12,030 gallons

Item 34.7(From Mod 1):

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

Emission Unit: U-PP001
Process: BM2 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 8.

Emission Source/Control: TK 8 - Process
Design Capacity: 12,030 gallons

Item 34.8(From Mod 1):

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

Emission Unit: U-PP001
Process: BM3 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 9.

Emission Source/Control: TK 9 - Process
Design Capacity: 12,030 gallons

Item 34.9(From Mod 1):

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

Emission Unit: U-PP001
Process: BM4 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 10.

Emission Source/Control: TK 10 - Process
Design Capacity: 12,030 gallons

Item 34.10(From Mod 1):

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

Emission Unit: U-PP001
Process: BM5 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 11.

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Emission Source/Control: TK 11 - Process
Design Capacity: 12,030 gallons

Item 34.11(From Mod 1):

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

Emission Unit: U-PP001
Process: BM6 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 12.

Emission Source/Control: TK 12 - Process
Design Capacity: 12,030 gallons

Item 34.12(From Mod 1):

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

Emission Unit: U-PP001
Process: BM7 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 13.

Emission Source/Control: TK 13 - Process
Design Capacity: 12,030 gallons

Item 34.13(From Mod 1):

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

Emission Unit: U-PP001
Process: BM8 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 14.

Emission Source/Control: TK 14 - Process
Design Capacity: 12,030 gallons

Item 34.14(From Mod 1):

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

Emission Unit: U-PP001
Process: BM9 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 15.

Emission Source/Control: TK 15 - Process
Design Capacity: 12,030 gallons

Item 34.15(From Mod 1):

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

Emission Unit: U-PP001
Process: BS1 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 25.

Emission Source/Control: TK 25 - Process
Design Capacity: 12,421 gallons

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Item 34.16(From Mod 1):

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

Emission Unit: U-PP001
 Process: BS2 Source Classification Code: 3-01-014-99
 Process Description: Biocide misting system. Latex Storage tank 26.

Emission Source/Control: TK 26 - Process
 Design Capacity: 12,421 gallons

Item 34.17(From Mod 1):

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

Emission Unit: U-PP001
 Process: BS4 Source Classification Code: 3-01-014-99
 Process Description: Biocide misting system. Latex Storage tank 68.

Emission Source/Control: TK 68 - Process
 Design Capacity: 12,030 gallons

Item 34.18(From Mod 1):

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

Emission Unit: U-PP001
 Process: BS5 Source Classification Code: 3-01-014-99
 Process Description: Biocide misting system. Latex Storage tank 69.

Emission Source/Control: TK 69 - Process
 Design Capacity: 12,030 gallons

Item 34.19(From Mod 1):

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

Emission Unit: U-PP001
 Process: BS6 Source Classification Code: 3-01-014-99
 Process Description: Biocide misting system. Latex Storage tank 70.

Emission Source/Control: TK 70 - Process
 Design Capacity: 12,030 gallons

Item 34.20(From Mod 1):

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

Emission Unit: U-PP001
 Process: BS7 Source Classification Code: 3-01-014-99
 Process Description: Biocide misting system. Latex Storage tank 71.

Emission Source/Control: TK 71 - Process
 Design Capacity: 12,030 gallons

Item 34.21(From Mod 1):

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

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

Emission Unit: U-PP001
Process: BS8 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 80.

Emission Source/Control: TK 80 - Process
Design Capacity: 14,000 gallons

Item 34.22(From Mod 1):

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

Emission Unit: U-PP001
Process: BS9 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 81.

Emission Source/Control: TK 81 - Process
Design Capacity: 14,000 gallons

Item 34.23(From Mod 1):

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

Emission Unit: U-PP001
Process: CC1 Source Classification Code: 3-01-014-99
Process Description:
New Mix Tanks 1c through 13c.
New Thinning/Shading Tanks 1c through 13c.

Emission Source/Control: D3001 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3002 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3003 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3004 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3005 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3006 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3007 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3008 - Process
Design Capacity: 3,750 gallons

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Emission Source/Control: D3009 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3010 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3011 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3012 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: D3013 - Process
Design Capacity: 3,750 gallons

Emission Source/Control: T3021 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3022 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3023 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3024 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3025 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3026 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3027 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3028 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3029 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3030 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3031 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3032 - Process
Design Capacity: 4,400 gallons

Emission Source/Control: T3033 - Process

Permit ID: 5-1799-00005/02001

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Design Capacity: 4,400 gallons

Item 34.24(From Mod 1):

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

Emission Unit: U-PP001
Process: LS1 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 16.

Emission Source/Control: TK 16 - Process
Design Capacity: 12,030 gallons

Item 34.25(From Mod 1):

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

Emission Unit: U-PP001
Process: LS2 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 17.

Emission Source/Control: TK 17 - Process
Design Capacity: 12,421 gallons

Item 34.26(From Mod 1):

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

Emission Unit: U-PP001
Process: LS3 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 18.

Emission Source/Control: TK 18 - Process
Design Capacity: 12,421 gallons

Item 34.27(From Mod 1):

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

Emission Unit: U-PP001
Process: LS4 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 19.

Emission Source/Control: TK 19 - Process
Design Capacity: 12,421 gallons

Item 34.28(From Mod 1):

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

Emission Unit: U-PP001
Process: LS5 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 20.

Emission Source/Control: TK 20 - Process
Design Capacity: 12,421 gallons

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Item 34.29(From Mod 1):

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

Emission Unit: U-PP001
Process: LS6 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 21.

Emission Source/Control: TK 21 - Process
Design Capacity: 12,421 gallons

Item 34.30(From Mod 1):

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

Emission Unit: U-PP001
Process: LS7 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 22.

Emission Source/Control: TK 22 - Process
Design Capacity: 12,421 gallons

Item 34.31(From Mod 1):

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

Emission Unit: U-PP001
Process: LS8 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 23.

Emission Source/Control: TK 23 - Process
Design Capacity: 12,421 gallons

Item 34.32(From Mod 1):

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

Emission Unit: U-PP001
Process: LS9 Source Classification Code: 3-01-014-99
Process Description: Biocide misting system. Latex Storage tank 24.

Emission Source/Control: TK 24 - Process
Design Capacity: 12,421 gallons

Item 34.33(From Mod 1):

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

Emission Unit: U-PP001
Process: LT1 Source Classification Code: 4-07-146-97
Process Description:
Manufacturing of latex paint. Tank House 3 storage of raw material. Storage tank 1 through 28.

Emission Source/Control: TK140 - Process
Design Capacity: 29,940 gallons

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Emission Source/Control: TK141 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK142 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK143 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK144 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK145 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK146 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK147 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK148 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK149 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK150 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK151 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK152 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK153 - Process
Design Capacity: 29,940 gallons

Emission Source/Control: TK154 - Process
Design Capacity: 29,940 gallons

Emission Source/Control: TK155 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK156 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK157 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK158 - Process

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Design Capacity: 31,726 gallons

Emission Source/Control: TK159 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK160 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK161 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK162 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK163 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK164 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK165 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK166 - Process
Design Capacity: 31,726 gallons

Emission Source/Control: TK167 - Process
Design Capacity: 29,940 gallons

Item 34.34(From Mod 1):

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

Emission Unit: U-PP001

Process: LTP

Source Classification Code: 3-01-014-01

Process Description:

Manufacturing of latex paint. The Paint Plant's maximum production rate is limited to 52,000,000 gallons per year. This production rate is based on the estimated production capacity of the Paint Plant, considering a 10 year projection. Paint Plant emissions venting to the atmosphere through five (5) dust collectors

Emission Source/Control: DP001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DP002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PP012 - Control
Control Type: FABRIC FILTER

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Emission Source/Control: PP013 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PP014 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PP001 - Process

Emission Source/Control: PP035 - Process
Design Capacity: 10,000 gallons

Item 34.35(From Mod 1):

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

Emission Unit: U-PP001
Process: PC1 Source Classification Code: 3-01-014-99
Process Description:
New Mix Tanks 1 and 2.
New Thinning/Shading Tanks 1, 2, 3 and 4.

Emission Source/Control: J-011 - Process
Design Capacity: 7,000 gallons

Emission Source/Control: J-012 - Process
Design Capacity: 7,000 gallons

Emission Source/Control: T1008 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: T1009 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: T1010 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: T1011 - Process
Design Capacity: 10,000 gallons

Item 34.36(From Mod 1):

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

Emission Unit: U-PP001
Process: PL1 Source Classification Code: 3-01-014-99
Process Description: New Fill Tanks 1 through 8.

Emission Source/Control: TK126 - Process
Design Capacity: 500 gallons

Emission Source/Control: TK127 - Process
Design Capacity: 500 gallons

Emission Source/Control: TK128 - Process

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Design Capacity: 500 gallons

Emission Source/Control: TK129 - Process
Design Capacity: 500 gallons

Emission Source/Control: TK130 - Process
Design Capacity: 500 gallons

Emission Source/Control: TK131 - Process
Design Capacity: 500 gallons

Emission Source/Control: TK132 - Process
Design Capacity: 500 gallons

Emission Source/Control: TK133 - Process
Design Capacity: 500 gallons

Item 34.37(From Mod 1):

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

Emission Unit: U-RT001

Process: RT1

Source Classification Code: 6-46-101-41

Process Description:

Manufacture of polymeric resins in Reactor Train 1. The Resin Plant's (including reactor trains 1 and 2) maximum production rate is limited to 14,000,000 gallons per year. This production rate is based on the estimated production capacity of the Resin Plant considering a 10 year projection.

Emission Source/Control: RC001 - Process

Emission Source/Control: RT001 - Process
Design Capacity: 7,500 gallons

Emission Source/Control: RT003 - Process
Design Capacity: 12,030 gallons

Emission Source/Control: RT004 - Process
Design Capacity: 12,030 gallons

Emission Source/Control: RT006 - Process
Design Capacity: 8,000 gallons

Emission Source/Control: RT007 - Process
Design Capacity: 9,500 gallons

Emission Source/Control: RT009 - Process
Design Capacity: 5,515 gallons

Emission Source/Control: RT011 - Process
Design Capacity: 446 gallons

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Item 34.38(From Mod 1):

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

Emission Unit: U-RT001
 Process: RT2 Source Classification Code: 6-46-101-41
 Process Description:
 Manufacture of polymeric resins in Reactor Train 2. The Resin Plant's (including reactor trains 1 and 2) maximum production rate is limited to 14,000,000 gallons per year. This production rate is based on the estimated production capacity of the Resin Plant considering a 10 year projection.

Emission Source/Control: RC002 - Process

Emission Source/Control: RT002 - Process
 Design Capacity: 10,000 gallons

Emission Source/Control: RT003 - Process
 Design Capacity: 12,030 gallons

Emission Source/Control: RT004 - Process
 Design Capacity: 12,030 gallons

Emission Source/Control: RT005 - Process
 Design Capacity: 10,109 gallons

Emission Source/Control: RT007 - Process
 Design Capacity: 9,500 gallons

Emission Source/Control: RT010 - Process
 Design Capacity: 639 gallons

Item 34.39(From Mod 1):

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

Emission Unit: U-ST001
 Process: ST1 Source Classification Code: 4-07-146-97
 Process Description: Storage of raw material. Breathing losses.

Emission Source/Control: ST01A - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01B - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01C - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01D - Process
 Design Capacity: 16,500 gallons

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Emission Source/Control: ST01E - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01F - Process
 Design Capacity: 20,500 gallons

Emission Source/Control: ST01G - Process
 Design Capacity: 25,000 gallons

Emission Source/Control: ST01H - Process
 Design Capacity: 25,000 gallons

Item 34.40(From Mod 1):

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

Emission Unit: U-ST001
 Process: ST2 Source Classification Code: 4-07-146-97
 Process Description: Storage of raw material. Working losses.

Emission Source/Control: ST01A - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01B - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01C - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01D - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01E - Process
 Design Capacity: 16,500 gallons

Emission Source/Control: ST01F - Process
 Design Capacity: 20,500 gallons

Emission Source/Control: ST01G - Process
 Design Capacity: 25,000 gallons

Emission Source/Control: ST01H - Process
 Design Capacity: 25,000 gallons

Condition 1-10: Compliance Demonstration
 Effective between the dates of 05/03/2021 and 11/25/2029

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

Item 1-10.1:

The Compliance Demonstration activity will be performed for:

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Emission Unit: U-PP001

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

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Usage of Ammonia 26 BE is limited to no more than 450,000 pounds in the Paint Plant during any consecutive 12-month period, rolled monthly. The permittee must record monthly and 12- month rolling totals of Ammonia 26 BE usage in the Paint Plant.

Based upon calculations performed for selected worst-case products, emissions of Ammonia, which was assigned an environmental rating of "C" will meet the requirements specified in 6 NYCRR 212-2.1(b) if the Ammonia 26 BE usage is limited to 450,000 pounds per year in the Paint Plant during any consecutive 12- Month period, rolled monthly.

Permittee must submit an annual report of monthly and 12-month rolling Ammonia 26 BE usage to document compliance with this permitted limit.

Work Practice Type: PROCESS MATERIAL THRUPUT
 Process Material: RAW MATERIAL
 Upper Permit Limit: 450,000 pounds per year
 Monitoring Frequency: MONTHLY
 Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 12 calendar month(s).

Condition 1-11: Compliance Demonstration
Effective between the dates of 05/03/2021 and 11/25/2029

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

Item 1-11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-RT001

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

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005

Item 1-11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Usage of Ammonia 26 BE is limited to no more than 255,000 pounds in the Resin Plant during any consecutive 12-month period, rolled monthly. The permittee must record monthly and 12-month rolling totals of Ammonia 26 BE usage in the Resin Plant.

Based upon calculations performed for selected worst-case products, emissions of Ammonia, which was assigned an environmental rating of "C" will meet the requirements specified in 6 NYCRR 212-2.1(b) if the Ammonia 26 BE usage is limited to 255,000 pounds in the Resin Plant during any consecutive 12-month period, rolled monthly.

Permittee must submit an annual report of monthly and 12-month rolling Ammonia 26 BE usage to document compliance with this permitted limit.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: RAW MATERIAL

Upper Permit Limit: 255,000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Permit ID: 5-1799-00005/02001

Facility DEC ID: 5179900005