Facility DEC ID: 5415400002

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-4154-00002/01743
Mod 0 Effective Date: 09/19/2023 Expiration Date: 09/18/2028

Mod 1 Effective Date: 11/03/2023 Expiration Date: No expiration date.

Mod 2 Effective Date: Expiration Date:

Permit Issued To:MPM SILICONES, LLC
260 HUDSON RIVER RD
WATERFORD, NY 12188

Facility: MOMENTIVE PERFORMANCE MATERIALS
260 HUDSON RIVER RD
Waterford, NY 12188

Contact: RUTH YEOMANS
MOMENTIVE PERFORMANCE MATERIALS
260 HUDSON RIVER RD
WATERFORD, NY 12188
(518) 233-5075

Description:
The renewal 4 mod 2 application includes the installation of a new ultra-low NOx burner on Boiler 13 to ensure compliance with the requirements of 40 CFR 52.45 by the May 1, 2026 compliance date. In addition, sources, emission points and processes that have been permanently taken out of service are being removed from the permit along with certain associated permit conditions and added several that had been inadvertently removed from the permit renewal 4. Changes made under operational flexibility since the issuance of renewal 4 mod 0 are also being incorporated into Mod 2.

Facility DEC ID: 5415400002

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: ___ / ___ / _____

Facility DEC ID: 5415400002

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

Facility DEC ID: 5415400002

PAGE LOCATION OF CONDITIONS

DEC GENERAL CONDITIONS
****** General Provisions ******
For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

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

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 2-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 2-1.1:
The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 2-1.2:
The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

Item 2-1.3
Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be

submitted prior to actual transfer of ownership.

Condition 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

Permit ID: 5-4154-00002/01743 **Facility DEC ID: 5415400002**

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:MPM SILICONES, LLC
260 HUDSON RIVER RD
WATERFORD, NY 12188

Facility: MOMENTIVE PERFORMANCE MATERIALS
260 HUDSON RIVER RD
Waterford, NY 12188

Authorized Activity By Standard Industrial Classification Code:
2819 - INDUSTRIAL INORGANIC CHEMICALS
2821 - PLASTICS MATERIALS AND RESINS
2822 - SYNTHETIC RUBBER
2869 - INDUSTRIAL ORGANIC CHEMICALS,NEC

Permit Effective Date: Permit Expiration Date:

PAGE LOCATION OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 4/Mod 2/DRAFT ****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and

reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item F: **Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

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

ii. The liability of a permittee of the Title V

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

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

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

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

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit

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

Item K: **Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item L: **Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

Applicable Federal Requirement:6 NYCRR 200.7

Replaces Condition(s) 19

Item 2-1.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 023 Emission Source: D4CON

Emission Unit: C-27018
Process: 024 Emission Source: D4CON

Emission Unit: C-27018
Process: 025 Emission Source: D4CON

Emission Unit: C-27018
Process: 026 Emission Source: D4CON

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

Item 2-1.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
A pre-condenser (D4CON) is used to condition the air stream prior to treatment in the MON MACT Thermal Oxidizer. Condenser temperature is recorded in Provox/PI to verify operation. As long as water flow temperature remains at or below 30 degrees Celsius during process operation, this condition is met. This condenser is for pre-conditioning, not control, of emissions from processes 023, 024, 025 and 026.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 19: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 2-1

Item 19.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 023 Emission Source: D4CON

Emission Unit: C-27018
Process: 024 Emission Source: D4CON

Emission Unit: C-27018
Process: 025 Emission Source: D4CON

Emission Unit: C-27018

Process: 026 Emission Source: D4CON

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

Item 19.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
A pre-condenser (D4CON) is used to condition the air stream prior to treatment in the MON MACT Thermal Oxidizer or Fixed Box #2 Incinerator. Condenser temperature is recorded in Provox/PI to verify operation. As long as water flow temperature remains at or below 30 degrees celcius during process operation, this condition is met. This condenser is for pre-conditioning, not control, of emissions from processes 023, 024, 025 and 026.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 20: Emission Unit Definition
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 20.1(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-27018
Emission Unit Description:
This unit consists of specific processes in buildings/areas 14, 21, 23, 24, 27, 30, 35, 37, 71, 72, 76, 78 and the WWTP. The unit includes the following control devices and their associated equipment: the MON MACT Thermal Oxidizer and scrubbers in areas 23, 71, and 76. Sources in this unit include storage tanks, distillation columns and process vessels and equipment. Applicable regulations for unit C-27018 include: 40 CFR 63 Subparts F, G, and H, the Miscellaneous Organic NESHAP (MON MACT) under 40 CFR Subpart FFFF, Volatile Organic Compound Reasonably Available Control Technology (VOC RACT) under 6 NYCRR Part 212, VOC RACT for storage tanks under 6 NYCRR Part 229, and High Toxicity Air contaminants under 6 NYCRR part 212.

Building(s): 14
21

23
24
24A
27
30
30E
35
36
37
71
76
78
97
All
AREA 96

Item 20.2(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: E-LISTS
Emission Unit Description:
This EU consists of lists of Processes, Emission Points & Emission Sources referenced in other EU Compliance Monitoring Activities

Building(s): All
AREA 96

Item 20.3(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: F-INISH
Emission Unit Description:
Finishing - intermediate and final production of silicone products and materials including resins, fluids, dispersions, emulsions, heat curing elastomers, room temperature vulcanizing (rtv) elastomers, sealants, and treated fumed silica. Also includes various maintenance shops and individual maintenance sources (such as degreasers).

Building(s): 21
23
24
27
30
37
38
42
42A
44
61
71
76

78
85
97

Item 20.4(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-28002
Emission Unit Description:
Emission Unit U28002 consists of Boilers 13 and 18.

Building(s): 28

Item 20.5(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-28003
Emission Unit Description:
Emission Unit U28003 consists of boilers 14 and 16.

Building(s): 28

Item 20.6(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: W-97004
Emission Unit Description:
This Emission Unit is the wastewater treatment process system of the waste handling area. The wastewater treatment plant is a physical/chemical treatment system consisting of pH neutralization, oil and grease separation, clarification, and air stripping operations.

Building(s): 97
AREA 96

Item 20.7(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-27035 End Date: 10/25/2025
Emission Unit Description:
Emission unit C-27035 is comprised of several above ground storage tanks which are used to store acids. The tanks vent to a water scrubber.

Building(s): 27

Item 20.8(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: H-OFURN
Emission Unit Description:
This unit consists of additional hot oil furnaces not already included in another emission unit.

Building(s): 21
35

85

Item 20.9(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: T-13004
Emission Unit Description:
Vapors and particulates are vented to the atmosphere outside of building 13 at different emissions points. These include process, filter, and local extraction discharges. Vapors from building 12 30 mm WP extruder are vented to atmosphere.

Building(s): 12
13

Item 20.10(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: T-14009
Emission Unit Description:
This unit consists of equipment in the facility's Pilot Plant. Batch and semicontinuous processes occur here. The Pilot Plant makes developmental/experimental products for evaluation, and scaled-down batches of problem production grades to develop process adjustments. Scaled down batches of commercial products are also made here.

Building(s): 14

Condition 24: Facility Permissible Emissions
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 24.1:
The sum of emissions from the emission units specified in this permit shall not equal or exceed the following
Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY075-00-0 (From Mod 2) PTE: 47,321 pounds per year
Name: PARTICULATES

CAS No: 0NY075-00-5 (From Mod 2) PTE: 47,321 pounds per year
Name: PM-10

CAS No: 0NY210-00-0 (From Mod 2) PTE: 567,053 pounds per year
Name: OXIDES OF NITROGEN

Condition 2-2: Compliance Certification

Effective for entire length of Permit

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

Replaces Condition(s) 32

Item 2-2.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 083 Emission Source: MTCSS

Emission Unit: C-27018
Process: 715 Emission Source: MTCSS

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

Item 2-2.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility shall not allow emissions of the air contaminant(s) listed above to exceed the requirements specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants, for the environmental rating assigned by the Department. Chlorosilanes have been given an Environmental Rating of "B" and demonstrated to have an emission rate potential (ERP) greater than or equal to 10-25 pounds per hour which requires 90% control or Toxic - Best Available Control Technology (T-BACT).

Chlorosilanes (a VOC) from Processes 715 and 083 are removed from the Group 2 vent stream by contact with water in the scrubber (ES MTCSS). The chlorosilanes are first converted to HCl on contact with the scrubber water which is then removed by the scrubber. In order to ensure compliance with the degree of air cleaning required a minimum scrubber water level limit has been established based on the manufacturer's recommendation. Water level in the scrubber will be monitored continuously when either one or both processes are operating. To assure compliance with the 90% control requirement of Table 4, the facility will limit scrubber water to no less than 39 inches, expressed as a percentage of maximum water level, based on a 24 hr average (% maximum water level is based on the most recent radar level calibrations and is typically in the range of 70 +/- 5%). Essentially, the minimum height of water remains constant but the % that the height is

expressed as varies based on the instrument calibrations (two DPs and radar).

Other chlorosilanes may be used in these processes provided ambient impacts, including HCL, remain below the % SGC/AGC provided in the Ren 3 Mod 1 application. Records of these potential ambient impacts shall be maintained on-site and made available upon request.

Compliance with this monitoring requirement also assures compliance with 6 NYCRR 212-3.1(c)(4)(i) -VOC RACT.

Parameter Monitored: WATER LEVEL
Lower Permit Limit: 70 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 2-2

Item 32.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 083 Emission Source: MTCSS

Emission Unit: C-27018
Process: 715 Emission Source: MTCSS

Regulated Contaminant(s):
CAS No: 001066-35-9 SILANE,CHLORODIMETHYL
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 0NY998-00-0 VOC

Item 32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility shall not allow emissions of the air contaminant(s) listed above to exceed the requirements specified in Subdivision 212-2.3(b), Table 4 – Degree of

Air Cleaning Required for Non-Criteria Air Contaminants, for the environmental rating assigned by the Department. Chlorosilanes have been given an Environmental Rating of "B" and demonstrated to have an emission rate potential (ERP) greater than or equal to 10-25 pounds per hour which requires 90% control or Toxic - Best Available Control Technology (T-BACT).

Chlorosilanes (a VOC) from Processes 715 and 083 are removed from the Group 2 vent stream by contact with water in the scrubber (ES MTCSS). The chlorosilanes are first converted to HCl on contact with the scrubber water which is then removed by the scrubber. In order to ensure compliance with the degree of air cleaning required a minimum scrubber water level limit has been established based on the manufacturer's recommendation. Water level in the scrubber will be monitored continuously when either one or both processes are operating. To assure compliance with the 90% control requirement of Table 4, the facility will limit scrubber water to no less than 39 inches, expressed as a percentage of maximum water level, based on a 24 hr average (% maximum water level is based on the most recent radar level calibrations and is typically in the range of 70 +/- 2 %). Essentially, the minimum height of water remains constant but the % that the height is expressed as varies based on the instrument calibrations (two DPs and radar).

Other chlorosilanes may be used in these processes provided ambient impacts, including HCL, remain below the % SGC/AGC provided in the Ren 3 Mod 1 application. Records of these potential ambient impacts shall be maintained on-site and made available upon request.

Compliance with this monitoring requirement also assures compliance with 6 NYCRR 212-3.1(c)(4)(i) -VOC RACT.

Parameter Monitored: WATER LEVEL
Lower Permit Limit: 70 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 2-3: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212-3.1 (c) (4) (i)

Replaces Condition(s) 48

Item 2-3.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 139 Emission Source: 31AMS

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

Item 2-3.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow rate to the scrubber shall be monitored to ensure required control efficiency. The lower limit of monitoring ensures compliance with all process operations. Engineering calculations shall be used as evidence of compliance with Ammonia control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 2-3

Item 48.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 139 Emission Source: 31AMS

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

Item 48.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the scrubber will be monitored to ensure sufficient control efficiency Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 2-4: Compliance Certification
Effective for entire length of Permit

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

Replaces Condition(s) 58

Item 2-4.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 408

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

Item 2-4.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This condition applies to natural gas fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The facility must re-evaluate their NOx RACT plan prior to the use of oil for this source. They have also committed to performing an annual tune up as part of their NOx RACT compliance. The applicable emission limit 0.06 lb(NOx)/mmBTU.

The owner or operator will maintain records on-site for a

minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.06 pounds per million Btus
Reference Test Method: EPA Method-7E
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 2-5: Compliance Certification
Effective for entire length of Permit

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

Replaces Condition(s) 58

Item 2-5.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28003
Process: 415

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

Item 2-5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The facility must re-evaluate their NOx RACT plan prior to the use of oil for this source. They have also committed to performing an annual tune up as part of their NOx RACT compliance. The applicable emission limit 0.15 lb(NOx)/mmBTU.

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

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.15 pounds per million Btus
Reference Test Method: EPA Method-7E
Monitoring Frequency: Once every five years
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 2-4, 2-5

Item 58.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 408

Emission Unit: U-28003
Process: 415

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

Item 58.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The facility must re-evaluate their NOx RACT plan prior to the use of oil for this source. They have also commited to performing an annual tune up as part of their NOx RACT compliance. The applicable emission limit 0.15 lb(NOx)/mmBTU.

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

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.15 pounds per million Btus
Reference Test Method: Method 7e
Monitoring Frequency: Once every five years
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Compliance Certification

Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 2

Item 60.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28006

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

Item 60.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
6 NYCRR 227-2.6(b)(3)
(i) The owner/operator of very large boilers shall:
(a) Calculate all 24-hr daily arithmetic average Nox emission rates from block hourly arithmetic emission rate averages calculated using data points generated by the CEMS and expressed in terms of pounds on NOx per million BTU;
(b) Demonstrate compliance with the appropriate emission limit under section 227-2.4 of this Subpart by using a CEMS for measuring NOx and calculating a 24-hour daily arithmetic average NOx emission rate using 40 CFR part 60, Appendix A, Method 19. A 30-day rolling average may be used to demonstrate compliance with the appropriate emission limit from September 16th to April 30th;
(c) Determine the 24-hour daily arithmetic average Nox emission rate based on the arithmetic average of the block hourly arithmetic average emission rates during each 24 hour daily period average emission rate shall be calculated for each one hour period starting with the period 12:00 a.m. to 1:00 a.m. and continuing through until the last period 11:00 p.m. to 12:00 a.m.; or, starting with the period 12:00 p.m. to 1:00 p.m. and continuing through the last period 11:00 a.m. to 12:00 p.m. The 30 day rolling average shall be the average of the 24 hour daily arithmetic NOx emission rates for a 30 day period; and
(d) Use at least three data points, collected at 15 minute intervals, to calculate the block hourly arithmetic average emission rates to be used in calculating the 24 hour daily arithmetic average NOx emission rate.
(iii) At a minimum, valid CEMS data shall be obtained for 75 percent of the hours per day for 75 percent of the days of the month and 90 percent of the days of the quarter

that the affected facility is operating.
(iv) All valid CEMS data shall be used in calculating emission rates even if the minimum data requirements of subparagraph 6 NYCRR 227-2.6(b)(3)(iii) are not met.
(vi) Quarterly accuracy and daily calibration drift tests shall be performed in accordance with 40 CFR part 60, Appendix F and any additional data requirements determined appropriate by the department.
(vii) When NOx emission data are not obtained because of CEMS breakdowns and repairs, emission data shall be obtained by using the 90th percentile value of all CEMS NOx emission data collected over the last 180 days to provide as necessary valid emission data for the minimum requirements in 6 NYCRR 227-2.6(b)(3)(iii)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 3 calendar month(s).

Condition 2-6: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 227-2.6 (b)

Item 2-6.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28006

Item 2-6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
6 NYCRR Part 227- 2.6(b)(3)
(3) The owner or operator of an emission source that monitors NOx emissions with a CEMS must install, calibrate, maintain, and operate a CEMS for measuring NOx at locations approved in the CEMS certification protocol under paragraph (2) of this subdivision, and must record the output of each such system. The following procedures and test methods must be used for determining compliance with the relevant NOx emission limit under section 227-2.4 of this Subpart:
(i) With the exception of emission sources subject to paragraph (a)(4) of this section, the owner or operator of an emission source must:
(a) calculate all 24-hour daily heat input-weighted

average NOx emission rates from block hourly arithmetic emission rate averages calculated by the CEMS and expressed in terms of pounds of NOx per million Btu;
(b) demonstrate compliance with the appropriate emission limit under section 227-2.4 of this Subpart by using a CEMS for measuring NOx and calculating a 24-hour daily heat input-weighted average NOx emission rate. Facilities that are subject to 40 CFR part 75 (see Table 1, section 200.9 of this Title) will calculate their NOx emission rate using part 75 (see Table 1, section 200.9 of this Title) monitoring requirements. Facilities that are not subject to 40 CFR part 75 (see Table 1, section 200.9 of this Title) may calculate their NOx emission rate using either 40 CFR part 60, appendix A, method 19 (see Table 1, section 200.9 of this Title) or 40 CFR part 75 (see Table 1, section 200.9 of this Title). A 30-day rolling heat input-weighted average emission rate may be used to demonstrate compliance with the appropriate emission limit under section 227-2.4 of this Subpart from October 1st to April 30th for emission sources other than combustion turbines; and
(c) determine the 24-hour daily heat input-weighted average NOx emission rate based on the heat input-weighted average of the block hourly arithmetic average emission rates during each 24-hour daily period from 12:00 AM to 12:00 AM the following day using CEMS data. The block hourly heat input-weighted average emission rate must be calculated for each one-hour period starting with the period 12:00 AM to 1:00 AM and continuing through until the last period 11:00 PM to 12:00 AM; or, starting with the period 12:00 PM to 1:00 PM and continuing through the last period 11:00 AM to 12:00 PM. The 30-day rolling heat input-weighted average must be the average of the 24-hour daily heat input-weighted NOx emission rate.
(ii) The owner or operator of an emission source subject to paragraph (a)(4) of this section must calculate:
(a) block hourly arithmetic average emission rates using data points generated by CEMS and expressed in terms of parts per million on a dry volume basis, corrected to 15 percent oxygen; and
(b) block hourly arithmetic average emission rates for the periods starting 12:00 AM to 1:00 AM, 1:00 AM to 2:00 AM, and so on.
(iii) At a minimum, valid CEMS data must be obtained for 90 percent of the operating hours in each calendar quarter that the subject facility is operating.
(iv) All valid CEMS data must be used in calculating emission rates even if the minimum data requirements of subparagraph (iii) of this paragraph are not met.
(v) The procedures under 40 CFR part 60, appendix B, Performance Specification 2 (see Table 1, section 200.9 of this Title); and any additional criteria specified by the

department must be followed for the installation, evaluation, and operation of the CEMS.
(vi) Along with any specific additional data requirements mandated by the department for an emission source, annual recertifications, quarterly accuracy, and daily calibration drift tests must be performed in accordance with either 40 CFR part 60, appendix F (see Table 1, section 200.9 of this Title) or 40 CFR part 75 (see Table 1, section 200.9 of this Title), as applicable.
(vii) When NOx emissions data are not obtained because of CEMS downtime, emission data shall be obtained by using the 90th percentile value of all CEMS NOx emission data collected over the last 180 days. Alternatively, the owner or operator of a facility subject to part 75 (see Table 1, section 200.9 of this Title) may use 40 CFR part 75 (see Table 1, section 200.9 of this Title) data substitution procedures for periods when no valid CEMS data is available.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 2

Item 61.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 766 Emission Source: 76PTA

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

Item 61.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. The permittee shall visually inspect the submerged fill line on an annual basis to ensure proper operation. Inspection records must be

maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 62: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 2

Item 62.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L10 Emission Source: L0001

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

Item 62.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. In this case, the equivalent control requirement has been met with a combination of submerged fill plus venting to the fixed box incinerator or MON MACT Thermal Oxidizer. The incinerator efficiencies alone are over 99% more effective than the submerged fill alone. No additional monitoring is necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 2-7: Compliance Certification
Effective for entire length of Permit

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

Replaces Condition(s) 63

Item 2-7.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 766 Emission Source: 76ACW

Emission Unit: C-27018
Process: 788 Emission Source: 23APS

Emission Unit: F-INISH
Process: 778 Emission Source: 37APS

Emission Unit: F-INISH
Process: 781 Emission Source: 37APS

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

Item 2-7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservative vent.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 63: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 2-7

Item 63.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 766 Emission Source: 76ACW

Emission Unit: C-27018

Process: 788 Emission Source: 23APS

Emission Unit: E-LISTS
Process: L09

Emission Unit: F-INISH
Process: 778 Emission Source: 37APS

Emission Unit: F-INISH
Process: 781 Emission Source: 37APS

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

Item 63.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

In the case of Process L09, the equivalent control requirement has been met with a combination of submerged fill plus venting to the Fixed Box Incinerator or the Mon Mact Thermal Oxidizer. The incinerators efficiencies are 99+% for VOCs, which is greater than a conservation vent. No additional monitoring is necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 2-8: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 52.45, NSPS Subpart A

Item 2-8.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28003 Emission Point: 28003
Process: 415 Emission Source: BLR14

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

Item 2-8.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Per 52.45(b)(l) the requirements of this section apply to each new or existing boiler with a design capacity of 100 mmBtu/hr or greater that receives 90% or more of its heat input from coal, residual oil, distillate oil, natural gas, or combinations of these fuels in the previous ozone season and is located at sources that is within the Basic Chemical Manufacturing industry. MPM operates Boiler 14 (Source BLR14) which has a heat input capacity greater than 100 mmBTU/hr and burns natural gas.

Per 52.45(c) if you are the owner or operator of an affected unit, you must meet the following emissions

limitations on a 30-day rolling average basis during the 2026 ozone season and in each ozone season thereafter: Natural gas-fired industrial boilers: 0.08 lbs NOx/mmBtu. During the ozone season (May I - September 30) of each year, beginning with calendar year 2026, the facility will not operate source BLR14. NOx emissions for this boiler will be O lbs during the ozone season. During the non-ozone season, BLR14 will continue to meet the NOx emission limit in 6NYCRR Part 227-2 (NOx RACT).

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NATURAL GAS
Upper Permit Limit: 0 pounds
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 2-9: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 52.45, NSPS Subpart A

Item 2-9.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28002
Process: 408 Emission Source: BLR13

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

Item 2-9.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Per 52.45(6)(1) the requirements of this section apply to each new or existing boiler with a design capacity of 100 mmBtu/hr or greater that receives 90% or more of its heat input from coal, residual oil, distillate oil, natural gas, or combinations of these fuels in the previous ozone season and is located at sources that is within the Basic Chemical Manufacturing industry. MPM operates Boiler 13 (Source BLR13) which has a heat input capacity greater than 100 mmBTU /hr and burns natural gas.
Per 52.45(c) if you are the owner or operator of an affected unit, you must meet the following emissions limitations on a 30-day rolling average basis during the 2026 ozone season and in each ozone season thereafter: Natural gas-fired industrial boilers: 0.06 lbs NOx/mmBtu. A new ultra low NOx burner will be installed on boiler 13 during the first half of 2026 with a manufacturer's guarantee of 0.06 lbs NOx/mmBtu. Initial testing of the new burner will be completed per 52.45(d)(l) and annual testing will be completed as required by 52.45(d)(3). The new burner will also meet the natural gas-only limit in 6NYCRR Part 227-2
NOxRACT).

Upper Permit Limit: 0.08 pounds per million Btus
Reference Test Method: EPA Test Method 7E
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 2-10: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 52.45, NSPS Subpart A

Item 2-10.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28006
Process: 410 Emission Source: BLR18

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

Item 2-10.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Per 52.45(6)(1) the requirements of this section apply to each new or existing boiler with a design capacity of 100 mmBtu/hr or greater that receives 90% or more of its heat input from coal, residual oil, distillate oil, natural gas, or combinations of these fuels in the previous ozone season and is located at sources that is within the Basic Chemical Manufacturing industry. MPM operates Boiler 18 (Source BLR18) which has a heat input capacity greater than 250 mm BTU /hr and burns natural gas.
Per 52.45(c) if you are the owner or operator of an affected unit, you must meet the following emissions limitations on a 30-day rolling average basis during the 2026 ozone season and in each ozone season thereafter: Natural gas-fired industrial boilers: 0.08 lbs NOx/mmBtu.

Historic monitoring data under 40 CFR 60.13 for Subart Db indicates that boiler 18 meets the 0.08 lbs NOx/mmBtu limit of 52.45(c)(l). The boiler and CEMS will be operated per the requirements of 40 CPR 52.45 (d)(2).

Manufacturer Name/Model Number: Zurn Keystone unit equipped with single coen burner (695-DAF-45WBD)
Upper Permit Limit: 0.08 pounds per million Btus
Reference Test Method: EPA Test Method 7E
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 79: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.112b(a)(3), NSPS Subpart Kb

Expired by Mod 2

Item 79.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 106 Emission Source: 62T12

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

Item 79.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each storage vessel either with a design capacity > or = 151 m3 containing a VOL that, as stored, has a maximum true vapor pressure > or = 5.2 kPa but < 76.6 kPa or with a design capacity > or = 75 m3 but < 151 m3 containing a VOL that, as stored, has a maximum true vapor pressure > or = 27.6 kPa but < 76.7 kPa, shall equip each storage vessel with a closed vent system and control device meeting the following specification: The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicated by an instrument reading of < 500 ppm above background and visual inspection, as determined in Part 60 Subpart VV, section 60.485(b).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 80: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.113b(c), NSPS Subpart Kb

Expired by Mod 2

Item 80.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 106 Emission Source: 62T12

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

Item 80.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each source that is equipped

with a closed vent system and control device as required in Section 60.112b(a)(3) or (b)(2) (other than a flare) is exempt from Section 60.8 of the General Provisions and shall meet the following requirements:
(1) Submit for approval by the Administrator as an attachment to the notification required by Section 60.7(a)(1) an operating plan containing the information listed below:
(i) Documentation demonstrating that the control device will achieve the required control efficiency during maximum loading conditions. This documentation is to include a description of the gas stream which enters the control device, including flow and VOC content under varying liquid level conditions and manufacturer's design specification for the control device. If the control device or the closed vent capture system receives vapors, gases or liquids other than fuels from sources that are not designated sources under this subpart, the efficiency demonstration is to include consideration of all vapors, gases and liquids received by the closed vent capture system and control device. If an enclosed combustion device with a minimum residence time of 0.75 seconds and a minimum temperature of 816 degrees C is used to meet the 95% requirement, documentation that these conditions will exist is sufficient to meet the requirements of this paragraph.
(ii) A description of the parameter to be monitored to ensure that the control device will be operated in conformance with its design and an explanation of the criteria used for selection of that parameter.
(2) Operate the closed vent system and control device and monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to the Administrator in accordance with paragraph (c)(1) of this section, unless the plan was modified by the Administrator during the review process. In this case, the modified plan applies.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 81: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.115b(c), NSPS Subpart Kb

Expired by Mod 2

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

Emission Unit: C-27018

Process: 106 Emission Source: 62T12

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

Item 81.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owner or operator shall keep the following records
(1) A copy of the operating plan.
(2) A record of the measured values of the parameters monitored in accordance with section 60.113b(c)(2).

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 82: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

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

Expired by Mod 2

Item 82.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 106 Emission Source: 62T12

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

Item 82.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each storage vessel, as specified in 40 CFR 60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept on site for the life of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters in subject to no provision of 40 CFR 60 Subpart Kb other than those required by the above paragraph.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 89: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.114(a)(1)(i), Subpart G

Expired by Mod 2

Item 89.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L16

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

Item 89.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart, or that uses a recovery device or recapture device to comply with the requirements in § 63.113(a)(2) of this subpart, shall install monitoring equipment specified in paragraph (a)(1), (a)(2), (a)(3), (a)(4), or (a)(5) of this section, depending on the type of device used. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
(1) Where an incinerator is used, a temperature monitoring device equipped with a continuous recorder is required.

(i) Where an incinerator other than a catalytic incinerator is used (FBI Process 430), a temperature monitoring device shall be installed in the firebox or in the ductwork immediately downstream of the firebox in a position before any substantial heat exchange occurs.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 970 degrees Centigrade (or Celsius)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 90: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.114(a)(4)(i), Subpart G

Expired by Mod 2

Item 90.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L15

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

Item 90.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the FBI IWS scrubber effluents.

Minimum pH of 8.4 is required for the IWS scrubber.

Parameter Monitored: PH
Lower Permit Limit: 8.4 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 91: Compliance Certification

Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Expired by Mod 2

Item 91.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97002

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

Item 91.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6832 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 92: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Expired by Mod 2

Item 92.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 430 Emission Source: FBCS1

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

Item 92.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flow rate of the fixed box combustor packed tower will be monitored to maintain 1017 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1017 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 93: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Expired by Mod 2

Item 93.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 430 Emission Source: FBCS2

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

Item 93.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flow rate of the fixed box gas absorption system will be monitored to maintain 1,178 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1178 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 94: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Expired by Mod 2

Item 94.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

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

Item 94.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler,

or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6630 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 98: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.133(a)(2), Subpart G

Expired by Mod 2

Item 98.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 213

Emission Unit: C-27035
Process: 214

Emission Unit: F-INISH
Process: 215

Item 98.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each wastewater tank that receives, manages, or treats a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream, the owner or operator shall comply with the requirements of either paragraph (a)(1) or (a)(2) of this section as specified in table 10 of this subpart.

Tanks with a capacity that is greater than or equal to 151 cubic meters must comply with Section 63.133(a)(2): (ii) A fixed roof and an internal floating roof that meets the requirements specified in §63.119(b) of this subpart.
Tank 40KEQ will be vented to the MON MACT Thermal Oxidizer or the Fixed Box #2 Incinerator to meet this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 104: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.135(e), Subpart G

Expired by Mod 2

Item 104.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 104.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each container shall be inspected initially, and semi-annually thereafter, for improper work practices and control equipment failures in accordance with §63.143 of this subpart.
(1) For containers, improper work practice includes, but is not limited to, leaving open any access hatch or other opening when such hatch or opening is not in use.
(2) For containers, control equipment failure includes, but is not limited to, any time a cover or door has a gap or crack, or is broken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 110: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.139(c), Subpart G

Expired by Mod 2

Item 110.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

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

Item 110.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Any control device used shall, alone or in combination with other control devices, reduce the total organic compound emissions, less methane and ethane, or total organic hazardous air pollutants emissions vented to the control device by 95 percent by weight or greater or achieve an outlet total organic compound concentration, less methane and ethane, or total organic hazardous air pollutants concentration of 20 parts per million by volume, whichever is less stringent. The 20 parts per million by volume performance standard is not applicable to compliance with the provisions of §63.134 or §63.135 of this subpart.

Emissions from these sources (MMNAS and MMSAS) will be vented to the Fixed Box #2 Incinerator or the MON MACT Thermal Oxidizer.

Parameter Monitored: DESTRUCTION EFFICIENCY
Lower Permit Limit: 95 percent by weight
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.

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

Condition 112: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.140, Subpart G

Expired by Mod 2

Item 112.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

Item 112.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Delay of repair of equipment for which a control equipment failure or a gap, crack, tear, or hole has been identified, is allowed if the repair is technically infeasible without a shutdown, as defined in §63.101 of subpart F of this part, or if the owner or operator determines that emissions of purged material from immediate repair would be greater than the emissions likely to result from delay of repair. Repair of this equipment shall occur by the end of the next shutdown.
(b) Delay of repair of equipment for which a control equipment failure or a gap, crack, tear, or hole has been identified, is allowed if the equipment is emptied or is no longer used to treat or manage Group 1 wastewater streams or residuals removed from Group 1 wastewater streams.
(c) Delay of repair of equipment for which a control equipment failure or a gap, crack, tear, or hole has been identified is also allowed if additional time is necessary due to the unavailability of parts beyond the control of the owner or operator. Repair shall be completed as soon as practical. The owner or operator who uses this provision shall comply with the requirements of §63.147(b)(7) to document the reasons that the delay of repair was necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 113: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.143(e), Subpart G

Expired by Mod 2

Item 113.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

Item 113.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(e) Except as provided in paragraphs (e)(4) and (e)(5) of this section, for each control device used to comply with the requirements of §§63.133 through 63.139 of this subpart, the owner or operator shall comply with the requirements in §63.139(d) of this subpart, and with the requirements specified in paragraph (e)(1), (e)(2), or (e)(3) of this section.
(1) The owner or operator shall comply with the monitoring requirements specified in table 13 of this subpart; or

(2) The owner or operator shall use an organic monitoring device installed at the outlet of the control device and equipped with a continuous recorder. Continuous recorder is defined in §63.111 of this subpart; or
(3) The owner or operator shall request approval to monitor parameters other than those specified in paragraphs (e)(1) and (e)(2) of this section. The request shall be submitted according to the procedures specified in §63.151(f) of this subpart, and shall include a description of planned reporting and recordkeeping procedures. The Administrator will specify appropriate reporting and recordkeeping requirements as part of the review of the permit application or by other appropriate means.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 114: Compliance Certification

Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.143(g), Subpart G

Expired by Mod 2

Item 114.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

Item 114.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Monitoring equipment shall be installed, calibrated, and maintained according to the manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 2-11: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63.146(b), Subpart G

Replaces Condition(s) 115

Item 2-11.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 788 Emission Source: 23APS

Emission Unit: C-27018
Process: 788 Emission Source: CL901

Emission Unit: F-INISH
Process: 751 Emission Source: 23SSS

Emission Unit: F-INISH
Process: 781 Emission Source: 37APS

Item 2-11.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, after the compliance dates specified in § 63.2445, if you have a Group 1 wastewater stream that is also subject to provisions in 40 CFR parts 260 through 272, you may elect to determine whether this subpart or 40 CFR parts 260 through 272 contain the more stringent control requirements (e.g., design, operation, and inspection requirements for waste management units; numerical treatment standards; etc.) and the more stringent testing, monitoring, recordkeeping, and reporting requirements. Compliance with provisions of 40 CFR parts 260 through 272 that are determined to be more stringent than the requirements of this subpart constitute compliance with this subpart. For example, provisions of 40 CFR parts 260 through 272 for treatment units that meet the conditions specified in § 63.138(h) constitute compliance with this subpart. You must identify in the notification of compliance status report required by § 63.2520(d) the information and procedures that you used to make any stringency determinations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 115: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.146(b), Subpart G

Replaced by Condition(s) 2-11

Item 115.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 788 Emission Source: 23APS

Emission Unit: C-27018
Process: 788 Emission Source: CL901

Emission Unit: F-INISH
Process: 751 Emission Source: 23SSS

Emission Unit: F-INISH

Process: 781 Emission Source: 37APS

Emission Unit: W-97004
Process: 705 Emission Source: 9728A

Emission Unit: W-97004
Process: 705 Emission Source: 9728B

Item 115.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, after the compliance dates specified in § 63.2445, if you have a Group 1 wastewater stream that is also subject to provisions in 40 CFR parts 260 through 272, you may elect to determine whether this subpart or 40 CFR parts 260 through 272 contain the more stringent control requirements (e.g., design, operation, and inspection requirements for waste management units; numerical treatment standards; etc.) and the more stringent testing, monitoring, recordkeeping, and reporting requirements. Compliance with provisions of 40 CFR parts 260 through 272 that are determined to be more stringent than the requirements of this subpart constitute compliance with this subpart. For example, provisions of 40 CFR parts 260 through 272 for treatment units that meet the conditions specified in § 63.138(h) constitute compliance with this subpart. You must identify in the notification of compliance status report required by § 63.2520(d) the information and procedures that you used to make any stringency determinations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 3 calendar month(s).

Condition 126: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.994(a)(2), Subpart SS

Expired by Mod 2

Item 126.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27035

Process: 056

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

Item 126.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(2) Halogen scrubbers and other halogen reduction devices used to comply with the provisions of a referencing subpart and this subpart shall be operated at all times when emissions are vented to them.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 164: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1031(f), Subpart UU

Expired by Mod 2

Item 164.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

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

Item 164.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any compressor that is designated, as described in §63.1022(e), as operating with an instrument reading of less than 500 parts per million above background shall operate at all times with an instrument reading of less than 500 parts per million. A compressor so designated is exempt from the requirements of paragraphs (b) through (d) of this section if the compressor is demonstrated, initially upon designation, annually, and at other times requested by the Administrator to be operating with an

instrument reading of less than 500 parts per million above background, as measured by the method specified in §63.1023(b) and, as applicable, §63.1023(c). The owner or operator shall record the dates and results of each compliance test including the background level measured and the maximum instrument reading measured during each compliance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 2-12: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63.1039(a), Subpart UU

Replaces Condition(s) 171

Item 2-12.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH
Process: 157 Emission Source: 32PGA

Emission Unit: F-INISH
Process: 168 Emission Source: 24PGA

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

Item 2-12.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator shall submit an Initial Compliance Status Report according to the procedures in the referencing subpart. The notification shall include the following:
1) The notification shall provide the information listed in paragraphs (a)(1)(i) through (a)(1)(iv) of this section for each process unit or affected facility subject to the requirements of this subpart.
(i) Process unit or affected facility identification.
(ii) Number of each equipment type (e.g., valves, pumps) excluding equipment in vacuum service.
(iii) Method of compliance with the standard (e.g.,

"monthly leak detection and repair" or "equipped with dual mechanical seals").
(iv) Planned schedule for requirements in §§63.1025 and 63.1026.
2) The notification shall provide the information listed in paragraphs (a)(2)(i) and (a)(2)(ii) of this section for each process unit or affected facility subject to the requirements of §63.1036(b).
(i) Batch products or product codes subject to the provisions of this subpart, and
(ii) Planned schedule for pressure testing when equipment is configured for production of products subject to the provisions of this subpart.
3) The notification shall provide the information listed in paragraphs (a)(3)(i) and (a)(3)(ii) of this section for each process unit or affected facility subject to the requirements in §63.1037.
(i) Process unit or affected facility identification.
(ii) A description of the system used to create a negative pressure in the enclosure and the control device used to comply with the requirements of §63.1034 of this part.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 171: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1039(a), Subpart UU

Replaced by Condition(s) 2-12

Item 171.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

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

Item 171.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator shall submit an Initial Compliance Status Report according to the procedures in the

referencing subpart. The notification shall include the following:
1) The notification shall provide the information listed in paragraphs (a)(1)(i) through (a)(1)(iv) of this section for each process unit or affected facility subject to the requirements of this subpart.
(i) Process unit or affected facility identification.
(ii) Number of each equipment type (e.g., valves, pumps) excluding equipment in vacuum service.
(iii) Method of compliance with the standard (e.g., "monthly leak detection and repair" or "equipped with dual mechanical seals").
(iv) Planned schedule for requirements in §§63.1025 and 63.1026.
2) The notification shall provide the information listed in paragraphs (a)(2)(i) and (a)(2)(ii) of this section for each process unit or affected facility subject to the requirements of §63.1036(b).
(i) Batch products or product codes subject to the provisions of this subpart, and
(ii) Planned schedule for pressure testing when equipment is configured for production of products subject to the provisions of this subpart.
3) The notification shall provide the information listed in paragraphs (a)(3)(i) and (a)(3)(ii) of this section for each process unit or affected facility subject to the requirements in §63.1037.
(i) Process unit or affected facility identification.
(ii) A description of the system used to create a negative pressure in the enclosure and the control device used to comply with the requirements of §63.1034 of this part.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 2-13: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63.2450(e), Subpart FFFF

Replaces Condition(s) 180

Item 2-13.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

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

Item 2-13.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If a halogen reduction device is used to reduce hydrogen halide and halogen HAP emissions from halogenated vent streams, it must meet the requirements of §63.994 and the requirements referenced therein. If a halogen reduction device is used before a combustion device, the halogen atom emission rate prior to the combustion device must be determined according to the procedures in §63.115(d)(2)(v).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 180: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(e), Subpart FFFF

Replaced by Condition(s) 2-13

Item 180.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27035 Emission Point: 27035

Emission Unit: F-INISH Emission Point: 76006

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

Item 180.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If a halogen reduction device is used to reduce hydrogen halide and halogen HAP emissions from halogenated vent streams, it must meet the requirements of §63.994 and the requirements referenced therein. If a halogen reduction device is used before a combustion device, the halogen atom emission rate prior to the combustion device must be

determined according to the procedures in §63.115(d)(2)(v).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 196: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2460(a), Subpart FFFF

Expired by Mod 2

Item 196.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 083

Emission Unit: C-27018
Process: 715

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

Item 196.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Collective uncontrolled organic HAP emissions from the sum of all Group 1 batch process vents within the process must be reduced by =98 percent by weight by venting emissions from a sufficient number of the vents through a closed-vent system to any combination of control devices (except a flare).

The Group 1 batch process vents in these processes will be vented to a pre- scrubber (MTCSS) to remove non-HAP constituents, and then to the MON MACT Thermal Oxidizer or the Fixed Box #2 Incinerator. The temperature in the fire box or in the ductwork immediately downstream of the fire box will be monitored continuously in accordance with 40 CFR 63.988(c)(1). The minimum kiln temperature for 93FBI will be 980°C. Records will be maintained in accordance with 40 CFR Section 63.998.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 980 degrees C below the approved performance test combustion temperature
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 197: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2460(a), Subpart FFFF

Expired by Mod 2

Item 197.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 023

Emission Unit: C-27018
Process: 024

Emission Unit: C-27018
Process: 025

Emission Unit: C-27018
Process: 026

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

Item 197.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Collective uncontrolled organic HAP emissions from the sum of all Group 1 batch process vents within the process must be reduced by =98 percent by weight by venting emissions from a sufficient number of the vents through a closed-vent system to any combination of control devices (except a flare).

The Group 1 batch process vents from these processes will be vented to a pre-condenser (source D4CON) and then to the MON MACT Thermal Oxidizer or Fixed Box #2 Incinerator.

The temperature in the fire box or in the ductwork immediately downstream of the fire box will be monitored continuously in accordance with 40 CFR 63.988(c)(1). The minimum temperature for 96FBI will be 980°C. Records will be maintained in accordance with 40 CFR Section 63.998.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 980 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 201: Compliance Certification
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2465(a), Subpart FFFF

Expired by Mod 2

Item 201.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27035
Process: 056 Emission Source: 27HWT

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 201.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The packed tower water scrubber flow is maintained at a minimum of 5 gpm to ensure 99% control efficiency for Part 212-3.1(c)(4)(i). Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with 40 CFR 63.2465 for HAPs and 6 NYCRR 212-3.1(c)(4)(i) for VOCs per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 5 gallons per minute
Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

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

Condition 222: Emission Point Definition By Emission Unit
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 222.1(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27018

Emission Point: 23002
Height (ft.): 18 Diameter (in.): 37
NYTMN (km.): 4741.188 NYTME (km.): 609.039 Building: 23

Emission Point: 23005
Height (ft.): 10 Diameter (in.): 3
NYTMN (km.): 4741.188 NYTME (km.): 609.039 Building: 23

Emission Point: 24113
Height (ft.): 8 Diameter (in.): 8
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24141
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4741.238 NYTME (km.): 609.07 Building: 24A

Emission Point: 24142
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24143
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24144
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24150
Height (ft.): 120 Diameter (in.): 6
NYTMN (km.): 4741.241 NYTME (km.): 609.008

Emission Point: 24151
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.239 NYTME (km.): 609.004

Emission Point: 24949
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.192 NYTME (km.): 609.055 Building: 24A

Emission Point: 30806
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30916
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30945
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.307 NYTME (km.): 608.931 Building: 30

Emission Point: 30947
Height (ft.): 24 Diameter (in.): 3
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 30

Emission Point: 31030
Height (ft.): 28 Diameter (in.): 20
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31031
Height (ft.): 28 Diameter (in.): 20
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31032
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31034
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31035
Height (ft.): 56 Diameter (in.): 1
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 31036
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31037
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31040
Height (ft.): 45 Diameter (in.): 20
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31041
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 36001
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.284 NYTME (km.): 608.781 Building: 36

Emission Point: 36003
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.284 NYTME (km.): 608.78 Building: 36

Emission Point: 36004
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.284 NYTME (km.): 608.78 Building: 36

Emission Point: 37002
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37004
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37007
Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37013
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37014
Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37018
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37019
Height (ft.): 51 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37021
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37022
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37034
Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37036
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37038
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37039
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37040
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37041
Height (ft.): 45 Diameter (in.): 4
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37042
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37043
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37044
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37045
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37060
Height (ft.): 0 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37066
Height (ft.): 38 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.837 Building: 37

Emission Point: 37067
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37068
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37069
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37070
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37071
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37072
Height (ft.): 43 Diameter (in.): 1
NYTMN (km.): 4741.337 NYTME (km.): 608.828 Building: 37

Emission Point: 37077
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37085
Height (ft.): 44 Diameter (in.): 1
NYTMN (km.): 4741.337 NYTME (km.): 608.84 Building: 37

Emission Point: 37708
Height (ft.): 43 Diameter (in.): 8
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37801
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37803
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37805
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37812
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37813
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37814
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37827
Height (ft.): 40 Diameter (in.): 2
NYTMN (km.): 4741.36 NYTME (km.): 608.834 Building: 37

Emission Point: 37905
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.367 NYTME (km.): 608.839 Building: 37

Emission Point: 37907
Height (ft.): 13 Diameter (in.): 1
NYTMN (km.): 4741.318 NYTME (km.): 608.797 Building: 37

Emission Point: 37922
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37923
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37925
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37926
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37932
Height (ft.): 21 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.836 Building: 37

Emission Point: 37941
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.738 NYTME (km.): 608.783 Building: 37

Emission Point: 37942
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.375 NYTME (km.): 608.797 Building: 37

Emission Point: 37943
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.373 NYTME (km.): 608.798 Building: 37

Emission Point: 37944
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.373 NYTME (km.): 608.797 Building: 37

Emission Point: 37945
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.361 NYTME (km.): 608.786 Building: 37

Emission Point: 37946
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37961
Height (ft.): 28 Diameter (in.): 2
NYTMN (km.): 4741.325 NYTME (km.): 608.775 Building: 37

Emission Point: 37962
Height (ft.): 28 Diameter (in.): 2
NYTMN (km.): 4741.322 NYTME (km.): 608.77 Building: 37

Emission Point: 70006
Height (ft.): 27 Diameter (in.): 8
NYTMN (km.): 4741.373 NYTME (km.): 608.532 Building: 76

Emission Point: 76001
Height (ft.): 115 Diameter (in.): 12
NYTMN (km.): 4741.307 NYTME (km.): 608.467 Building: 76

Emission Point: 76005
Height (ft.): 0 Diameter (in.): 6
NYTMN (km.): 4741.307 NYTME (km.): 608.466 Building: 76

Emission Point: 76012
Height (ft.): 33 Diameter (in.): 2
NYTMN (km.): 4741.282 NYTME (km.): 608.429 Building: 76

Emission Point: 76013
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.304 NYTME (km.): 608.438 Building: 76

Emission Point: 76014
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.306 NYTME (km.): 608.431 Building: 76

Emission Point: 76701
Height (ft.): 81 Diameter (in.): 18
NYTMN (km.): 4741.307 NYTME (km.): 608.465 Building: 76

Emission Point: 76711
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.307 NYTME (km.): 608.466 Building: 76

Emission Point: 97500
Height (ft.): 45 Diameter (in.): 20
NYTMN (km.): 4741.037 NYTME (km.): 609.283 Building: 97

Item 222.2(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: F-INISH

Emission Point: 21101
Height (ft.): 10 Diameter (in.): 9
NYTMN (km.): 4741.247 NYTME (km.): 608.934 Building: 21

Emission Point: 23103
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.305 NYTME (km.): 608.43 Building: 23

Emission Point: 23104
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.28 NYTME (km.): 609.006 Building: 23

Emission Point: 24116
Height (ft.): 12 Diameter (in.): 3
NYTMN (km.): 4741.25 NYTME (km.): 609.008 Building: 23

Emission Point: 24132
Height (ft.): 21 Diameter (in.): 8
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24133
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24134
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24135
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24205
Height (ft.): 42 Diameter (in.): 1
NYTMN (km.): 4741.167 NYTME (km.): 609.015 Building: 24

Emission Point: 24207
Height (ft.): 118 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24209
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.18 NYTME (km.): 609.04 Building: 24

Emission Point: 24210
Height (ft.): 38 Diameter (in.): 2
NYTMN (km.): 4741.172 NYTME (km.): 609.044 Building: 24

Emission Point: 24211
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.18 NYTME (km.): 609.042 Building: 24

Emission Point: 24302
Height (ft.): 136 Diameter (in.): 2
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24305
Height (ft.): 106 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24308
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24309
Height (ft.): 12 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24311
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24312
Height (ft.): 134 Diameter (in.): 1
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24402
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.165 NYTME (km.): 609.014 Building: 24

Emission Point: 24404
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.167 NYTME (km.): 609.015 Building: 24

Emission Point: 24405
Height (ft.): 43 Diameter (in.): 1
NYTMN (km.): 4741.167 NYTME (km.): 609.015 Building: 24

Emission Point: 24408
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.35 Building: 24

Emission Point: 24409
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24413
Height (ft.): 30 Diameter (in.): 19
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24702
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24704
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24944
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.174 NYTME (km.): 609.036 Building: 24

Emission Point: 24945
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.174 NYTME (km.): 609.036 Building: 24

Emission Point: 27102
Height (ft.): 7 Diameter (in.): 11
NYTMN (km.): 4741.221 NYTME (km.): 608.811 Building: 27

Emission Point: 30001
Height (ft.): 35 Diameter (in.): 8
NYTMN (km.): 4741.349 NYTME (km.): 608.946 Building: 30

Emission Point: 30004
Height (ft.): 33 Diameter (in.): 8
NYTMN (km.): 4741.289 NYTME (km.): 608.92 Building: 30

Emission Point: 32025
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.29 NYTME (km.): 608.906 Building: 30

Emission Point: 32026
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32028
Height (ft.): 42 Diameter (in.): 4
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32029
Height (ft.): 42 Diameter (in.): 3
NYTMN (km.): 4741.291 NYTME (km.): 608.907 Building: 30

Emission Point: 32033
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.264 NYTME (km.): 608.906 Building: 30

Emission Point: 37101
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.323 NYTME (km.): 608.825 Building: 37

Emission Point: 37102
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 608.824 Building: 37

Emission Point: 37103
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.319 NYTME (km.): 608.828 Building: 37

Emission Point: 37104
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.319 NYTME (km.): 608.826 Building: 37

Emission Point: 37105
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.36 NYTME (km.): 608.822 Building: 37

Emission Point: 37816
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.349 NYTME (km.): 608.843 Building: 37

Emission Point: 37948
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 44001
Height (ft.): 20 Diameter (in.): 4
NYTMN (km.): 4741.404 NYTME (km.): 608.841

Emission Point: 44004
Height (ft.): 20 Diameter (in.): 8
NYTMN (km.): 4741.312 NYTME (km.): 608.881

Emission Point: 44044
Height (ft.): 20 Diameter (in.): 8
NYTMN (km.): 4741.43 NYTME (km.): 608.59

Emission Point: 61602
Height (ft.): 20 Diameter (in.): 8
NYTMN (km.): 4741.112 NYTME (km.): 608.51 Building: 61

Emission Point: 76006
Height (ft.): 76 Diameter (in.): 6
NYTMN (km.): 4741.303 NYTME (km.): 608.471 Building: 76

Emission Point: 85006
Height (ft.): 36 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85008
Height (ft.): 36 Diameter (in.): 3
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85054
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85059
Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4741.695 NYTME (km.): 608.46 Building: 85

Emission Point: 97023
Height (ft.): 9 Diameter (in.): 12
NYTMN (km.): 4741.059 NYTME (km.): 609.234 Building: 97

Item 222.3(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-28002

Emission Point: 28002
Height (ft.): 100 Diameter (in.): 72
NYTMN (km.): 4741.141 NYTME (km.): 608.907 Building: 28

Emission Point: 28006
Height (ft.): 150 Diameter (in.): 71
NYTMN (km.): 4741.17 NYTME (km.): 608.905 Building: 28

Emission Point: 28020
Height (ft.): 50 Diameter (in.): 72
NYTMN (km.): 4741.15 NYTME (km.): 608.927 Building: 28

Item 222.4(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-28003

Emission Point: 28003
Height (ft.): 100 Diameter (in.): 96
NYTMN (km.): 4741.162 NYTME (km.): 608.919 Building: 28

Item 222.5(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: W-97004

Emission Point: 97004
Height (ft.): 15 Diameter (in.): 6
NYTMN (km.): 4741.048 NYTME (km.): 609.21 Building: 97

Emission Point: 97005
Height (ft.): 15 Diameter (in.): 6
NYTMN (km.): 4741.049 NYTME (km.): 609.21 Building: 97

Emission Point: 97008
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4741.048 NYTME (km.): 609.21 Building: 97

Emission Point: 97013
Height (ft.): 25 Diameter (in.): 4
NYTMN (km.): 4741.037 NYTME (km.): 609.252 Building: 97

Emission Point: 97015
Height (ft.): 25 Diameter (in.): 4
NYTMN (km.): 4741.037 NYTME (km.): 609.252 Building: 97

Emission Point: 97016
Height (ft.): 25 Diameter (in.): 4
NYTMN (km.): 4741.144 NYTME (km.): 609.252 Building: 97

Emission Point: 97018
Height (ft.): 32 Diameter (in.): 4
NYTMN (km.): 4741.144 NYTME (km.): 609.206 Building: 97

Emission Point: 97019
Height (ft.): 32 Diameter (in.): 2
NYTMN (km.): 4741.146 NYTME (km.): 609.208 Building: 97

Emission Point: 97020
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.118 NYTME (km.): 609.168 Building: 97

Emission Point: 97021
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.119 NYTME (km.): 609.153 Building: 97

Emission Point: 97044
Height (ft.): 26 Diameter (in.): 2
NYTMN (km.): 4741.14 NYTME (km.): 609.17 Building: 97

Emission Point: 97060
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4741.003 NYTME (km.): 609.196 Building: 97

Emission Point: 97063
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.169 NYTME (km.): 609.307 Building: 97

Emission Point: 97064
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.169 NYTME (km.): 609.307 Building: 97

Emission Point: 97100
Height (ft.): 9 Diameter (in.): 2
NYTMN (km.): 4741.093 NYTME (km.): 609.188

Item 222.6(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27018

Emission Point: 14006
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.053 NYTME (km.): 608.735 Building: 14

Emission Point: 21011
Height (ft.): 37 Diameter (in.): 2
NYTMN (km.): 4741.244 NYTME (km.): 608.938 Building: 21

Emission Point: 24120
Height (ft.): 137 Diameter (in.): 10
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24A

Emission Point: 24208
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24417
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24423
Height (ft.): 40 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24703
Height (ft.): 13 Length (in.): 6 Width (in.): 7
NYTMN (km.): 4741.198 NYTME (km.): 609.02 Building: 24

Emission Point: 24908
Height (ft.): 35 Diameter (in.): 3
NYTMN (km.): 4741.151 NYTME (km.): 609.031 Building: 24

Emission Point: 24925
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24927
Height (ft.): 36 Diameter (in.): 1
NYTMN (km.): 4741.151 NYTME (km.): 609.03 Building: 24

Emission Point: 24933
Height (ft.): 21 Diameter (in.): 1
NYTMN (km.): 4741.156 NYTME (km.): 609.026 Building: 24

Emission Point: 24936
Height (ft.): 19 Diameter (in.): 2
NYTMN (km.): 4741.145 NYTME (km.): 609.023 Building: 24

Emission Point: 24937
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24938
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24939
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24950
Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24951
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.179 NYTME (km.): 609.02 Building: 24

Emission Point: 24952
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24953
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24954
Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24962
Height (ft.): 48 Diameter (in.): 4
NYTMN (km.): 4741.165 NYTME (km.): 609.014 Building: 24

Emission Point: 24978
Height (ft.): 94 Diameter (in.): 2
NYTMN (km.): 4741.169 NYTME (km.): 609.072 Building: 24A

Emission Point: 30804
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30807
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30808
Height (ft.): 26 Diameter (in.): 2
NYTMN (km.): 4741.295 NYTME (km.): 608.922 Building: 30

Emission Point: 30907
Height (ft.): 40 Diameter (in.): 2
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 30914
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30917
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30918
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.349 NYTME (km.): 608.939 Building: 30

Emission Point: 30938
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.349 NYTME (km.): 608.945 Building: 30

Emission Point: 31019
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31022
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31046
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 31047
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 32038
Height (ft.): 9 Diameter (in.): 6
NYTMN (km.): 4741.344 NYTME (km.): 609.025 Building: 30

Emission Point: 35006
Height (ft.): 66 Diameter (in.): 3
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35007
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35009
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35010
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35011
Height (ft.): 55 Diameter (in.): 4
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35012
Height (ft.): 40 Diameter (in.): 6
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35016
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.835 Building: 35

Emission Point: 35018
Height (ft.): 27 Diameter (in.): 3
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35028
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35031
Height (ft.): 0 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35032
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35033
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35034
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35035
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35036
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35037
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35039
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35040
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35901
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 37009
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37011
Height (ft.): 45 Diameter (in.): 3
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37017
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37020
Height (ft.): 45 Diameter (in.): 3
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37023
Height (ft.): 7 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37026
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37027
Height (ft.): 2 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37033
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838

Emission Point: 37062
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37063
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37078
Height (ft.): 41 Diameter (in.): 3
NYTMN (km.): 4741.374 NYTME (km.): 608.812 Building: 37

Emission Point: 37079
Height (ft.): 42 Diameter (in.): 4
NYTMN (km.): 4741.379 NYTME (km.): 608.821 Building: 37

Emission Point: 37080
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.383 NYTME (km.): 608.832 Building: 37

Emission Point: 37081
Height (ft.): 44 Diameter (in.): 3
NYTMN (km.): 4741.374 NYTME (km.): 608.812 Building: 37

Emission Point: 37702
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.34 NYTME (km.): 608.826 Building: 37

Emission Point: 37705
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.356 NYTME (km.): 608.837 Building: 37

Emission Point: 37707
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37804
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37901
Height (ft.): 40 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37902
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37903
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37909
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37910
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37911
Height (ft.): 54 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37917
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.367 NYTME (km.): 608.791 Building: 37

Emission Point: 37918
Height (ft.): 13 Diameter (in.): 1
NYTMN (km.): 4741.37 NYTME (km.): 608.789 Building: 37

Emission Point: 37920
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.376 NYTME (km.): 608.788 Building: 37

Emission Point: 37921
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37934
Height (ft.): 43 Diameter (in.): 11
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37947
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37951
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.351 NYTME (km.): 608.844 Building: 37

Emission Point: 37952
Height (ft.): 64 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.837 Building: 37

Emission Point: 37956
Height (ft.): 43 Diameter (in.): 1
NYTMN (km.): 4741.349 NYTME (km.): 608.841 Building: 37

Emission Point: 37957
Height (ft.): 44 Diameter (in.): 1
NYTMN (km.): 4741.36 NYTME (km.): 608.822 Building: 37

Emission Point: 37958
Height (ft.): 44 Diameter (in.): 1
NYTMN (km.): 4741.323 NYTME (km.): 608.797 Building: 37

Emission Point: 37960
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.354 NYTME (km.): 608.842 Building: 37

Emission Point: 38006
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 609.019 Building: 38

Emission Point: 38007
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 609.019 Building: 38

Emission Point: 38018
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.28 NYTME (km.): 609.018 Building: 38

Emission Point: 48001
Height (ft.): 38 Diameter (in.): 3
NYTMN (km.): 4741.511 NYTME (km.): 608.844 Building: 48

Emission Point: 70001
Height (ft.): 22 Diameter (in.): 8
NYTMN (km.): 4741.434 NYTME (km.): 608.647 Building: 70

Emission Point: 70003
Height (ft.): 22 Diameter (in.): 8
NYTMN (km.): 4741.434 NYTME (km.): 608.647 Building: 70

Emission Point: 71001
Height (ft.): 55 Diameter (in.): 20
NYTMN (km.): 4741.427 NYTME (km.): 608.655 Building: 71

Emission Point: 71003
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.427 NYTME (km.): 608.655 Building: 71

Emission Point: 71005
Height (ft.): 45 Diameter (in.): 18
NYTMN (km.): 4741.427 NYTME (km.): 608.655 Building: 71

Emission Point: 71013
Height (ft.): 30 Diameter (in.): 5
NYTMN (km.): 4741.267 NYTME (km.): 608.675 Building: 71

Emission Point: 76009
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.268 NYTME (km.): 608.462 Building: 76

Emission Point: 76710
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76712
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.307 NYTME (km.): 608.466 Building: 76

Emission Point: 76713
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76714
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76715
Height (ft.): 8 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 608.483 Building: 76

Emission Point: 76716 Removal Date: 10/23/2025
Height (ft.): 8 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 608.481 Building: 76

Emission Point: 76718
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76719
Height (ft.): 22 Diameter (in.): 24
NYTMN (km.): 4741.314 NYTME (km.): 608.473 Building: 76

Emission Point: 78001
Height (ft.): 133 Diameter (in.): 3
NYTMN (km.): 4741.404 NYTME (km.): 608.466 Building: 78

Emission Point: 78002
Height (ft.): 133 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78004
Height (ft.): 132 Diameter (in.): 16
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78005
Height (ft.): 132 Diameter (in.): 8
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78006
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78007
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78009
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.404 NYTME (km.): 608.465 Building: 78

Emission Point: 78011
Height (ft.): 50 Diameter (in.): 3
NYTMN (km.): 4741.404 NYTME (km.): 608.465 Building: 78

Emission Point: 78015
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78016
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78017
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.406 NYTME (km.): 608.465 Building: 78

Emission Point: 78018
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.406 NYTME (km.): 608.466 Building: 78

Emission Point: 78019
Height (ft.): 50 Diameter (in.): 3
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78025
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.406 NYTME (km.): 608.465 Building: 78

Emission Point: 78031
Height (ft.): 76 Diameter (in.): 18
NYTMN (km.): 4741.405 NYTME (km.): 608.483 Building: 78

Emission Point: 78032
Height (ft.): 57 Diameter (in.): 6
NYTMN (km.): 4741.422 NYTME (km.): 608.47 Building: 78

Emission Point: 78041
Height (ft.): Diameter (in.): 3
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 78

Emission Point: 78042
Height (ft.): Diameter (in.): 2
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 78

Emission Point: 97001 Removal Date: 10/23/2025
Height (ft.): 100 Diameter (in.): 30
NYTMN (km.): 4741.085 NYTME (km.): 609.275 Building: 97

Emission Point: 97002 Removal Date: 10/23/2025
Height (ft.): 100 Diameter (in.): 36
NYTMN (km.): 4741.069 NYTME (km.): 609.281 Building: 97

Item 222.7(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27035

Emission Point: 27035 Removal Date: 10/25/2025
Height (ft.): 21 Diameter (in.): 4
NYTMN (km.): 4741.219 NYTME (km.): 608.807 Building: 27

Emission Point: 27039 Removal Date: 10/25/2025
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.212 NYTME (km.): 608.847 Building: 27

Item 222.8(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: F-INISH

Emission Point: 23100
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.187 NYTME (km.): 609.036 Building: 23

Emission Point: 23101
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.255 NYTME (km.): 609.007 Building: 23

Emission Point: 24136
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24137
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24138
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24139
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24140
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24414

Height (ft.): 65 Diameter (in.): 19
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24806
Height (ft.): 32 Diameter (in.): 2
NYTMN (km.): 4741.239 NYTME (km.): 609.004 Building: 23

Emission Point: 24909
Height (ft.): 4 Diameter (in.): 1
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24934
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24942
Height (ft.): 19 Diameter (in.): 2
NYTMN (km.): 4741.145 NYTME (km.): 609.023 Building: 24

Emission Point: 24943
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.142 NYTME (km.): 609.021 Building: 24

Emission Point: 24972
Height (ft.): 19 Diameter (in.): 2
NYTMN (km.): 4741.142 NYTME (km.): 609.023 Building: 24

Emission Point: 30910
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30911
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30932
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.349 NYTME (km.): 608.945 Building: 30

Emission Point: 30933
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30935
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 31003
Height (ft.): 26 Diameter (in.): 23
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31501

Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.34 NYTME (km.): 608.919

Emission Point: 31502
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.34 NYTME (km.): 608.919

Emission Point: 31503
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.34 NYTME (km.): 608.919

Emission Point: 31504
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.34 NYTME (km.): 608.919

Emission Point: 31505
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.34 NYTME (km.): 608.919

Emission Point: 31506
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.34 NYTME (km.): 608.919

Emission Point: 31507
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.341 NYTME (km.): 608.919

Emission Point: 31508
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.341 NYTME (km.): 608.919

Emission Point: 32007
Height (ft.): 28 Diameter (in.): 27
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32008
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32009
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32016
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32017
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32027 Removal Date: 10/25/2025

Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32040
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32042
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.337 NYTME (km.): 608.864 Building: 30

Emission Point: 32044
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.337 NYTME (km.): 608.864 Building: 30

Emission Point: 32046
Height (ft.): 22 Diameter (in.): 24
NYTMN (km.): 4741.289 NYTME (km.): 608.879 Building: 30

Emission Point: 32049
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.337 NYTME (km.): 608.864 Building: 30

Emission Point: 32050
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 33002
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33003
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33004
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33016
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.393 NYTME (km.): 608.906 Building: 30

Emission Point: 33017
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33024
Height (ft.): 23 Diameter (in.): 3
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33025

Height (ft.): 38 Diameter (in.): 2
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 33

Emission Point: 33027
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 30

Emission Point: 33028
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 30

Emission Point: 33902
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33903
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33904
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33906
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33908
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.906 Building: 30

Emission Point: 33909
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.906 Building: 30

Emission Point: 37001
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37003
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.319 NYTME (km.): 608.828 Building: 37

Emission Point: 37005
Height (ft.): 47 Diameter (in.): 8
NYTMN (km.): 4741.322 NYTME (km.): 608.842 Building: 37

Emission Point: 37016
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37032

Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37048
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.319 NYTME (km.): 608.826 Building: 37

Emission Point: 37049
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37050
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37701
Height (ft.): 43 Diameter (in.): 8
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37919
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37924
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37935
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.376 NYTME (km.): 608.767 Building: 37

Emission Point: 37936
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.378 NYTME (km.): 608.765 Building: 37

Emission Point: 37937
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.375 NYTME (km.): 608.766 Building: 37

Emission Point: 37938
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.375 NYTME (km.): 608.767 Building: 37

Emission Point: 37939
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.367 NYTME (km.): 608.77 Building: 37

Emission Point: 37940
Height (ft.): 16 Diameter (in.): 2
NYTMN (km.): 4741.332 NYTME (km.): 608.783 Building: 37

Emission Point: 38008

Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.351 NYTME (km.): 608.813 Building: 38

Emission Point: 42001
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42002
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42003
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.466 NYTME (km.): 608.89 Building: 42

Emission Point: 42004
Height (ft.): 31 Diameter (in.): 14
NYTMN (km.): 4741.49 NYTME (km.): 608.877 Building: 42

Emission Point: 42012
Height (ft.): 30 Diameter (in.): 40
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42A

Emission Point: 42017
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42018
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42019
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42020
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42021
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 71010
Height (ft.): 12 Diameter (in.): 12
NYTMN (km.): 4741.282 NYTME (km.): 608.651 Building: 71

Emission Point: 76007
Height (ft.): 76 Diameter (in.): 1
NYTMN (km.): 4741.303 NYTME (km.): 608.471 Building: 76

Emission Point: 78008

Height (ft.): 27 Diameter (in.): 1
NYTMN (km.): 4741.437 NYTME (km.): 608.477 Building: 78

Emission Point: 78021
Height (ft.): 11 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.471 Building: 78

Emission Point: 78022
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.471 Building: 78

Emission Point: 78023
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.47 Building: 78

Emission Point: 78024
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.47 Building: 78

Emission Point: 78026
Height (ft.): 2 Diameter (in.): 2
NYTMN (km.): 4741.45 NYTME (km.): 608.47 Building: 78

Emission Point: 78033
Height (ft.): 68 Diameter (in.): 2
NYTMN (km.): 4741.407 NYTME (km.): 608.487 Building: 78

Emission Point: 78034
Height (ft.): 41 Diameter (in.): 4
NYTMN (km.): 4741.447 NYTME (km.): 608.458 Building: 78

Emission Point: 78035
Height (ft.): 41 Diameter (in.): 4
NYTMN (km.): 4741.448 NYTME (km.): 608.458 Building: 78

Emission Point: 78036
Height (ft.): 58 Diameter (in.): 10
NYTMN (km.): 4741.423 NYTME (km.): 608.474 Building: 78

Emission Point: 78037
Height (ft.): 32 Length (in.): 6 Width (in.): 12
NYTMN (km.): 4741.395 NYTME (km.): 608.453 Building: 78

Emission Point: 78038
Height (ft.): 61 Diameter (in.): 10
NYTMN (km.): 4741.416 NYTME (km.): 608.475 Building: 78

Emission Point: 78039
Height (ft.): 58 Diameter (in.): 10
NYTMN (km.): 4741.423 NYTME (km.): 608.474 Building: 78

Emission Point: 85001

Height (ft.): 58 Diameter (in.): 6
NYTMN (km.): 4741.695 NYTME (km.): 608.56 Building: 85

Emission Point: 85002
Height (ft.): 105 Diameter (in.): 24
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85003 Removal Date: 10/25/2025
Height (ft.): 60 Diameter (in.): 8
NYTMN (km.): 4741.694 NYTME (km.): 608.461

Emission Point: 85004
Height (ft.): 107 Diameter (in.): 2
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85005
Height (ft.): 21 Diameter (in.): 1
NYTMN (km.): 4741.723 NYTME (km.): 608.631 Building: 85

Emission Point: 85013
Height (ft.): 105 Diameter (in.): 2
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85017
Height (ft.): 35 Diameter (in.): 8
NYTMN (km.): 4741.752 NYTME (km.): 608.677 Building: 85

Emission Point: 85020
Height (ft.): 16 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85025
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.732 NYTME (km.): 608.648 Building: 85

Emission Point: 85032
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85043
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.72 NYTME (km.): 608.647 Building: 85

Emission Point: 85044
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.729 NYTME (km.): 608.656 Building: 85

Emission Point: 85045
Height (ft.): 43 Length (in.): 12 Width (in.): 8
NYTMN (km.): 4741.686 NYTME (km.): 608.573 Building: 85

Emission Point: 85046

Height (ft.): 40 Length (in.): 6 Width (in.): 7
NYTMN (km.): 4741.707 NYTME (km.): 608.536 Building: 85

Emission Point: 85068
Height (ft.): 40 Length (in.): 6 Width (in.): 7
NYTMN (km.): 4741.707 NYTME (km.): 608.536 Building: 85

Emission Point: 85901
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.725 NYTME (km.): 608.643 Building: 85

Emission Point: 85902
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.73 NYTME (km.): 608.652 Building: 85

Emission Point: 85903
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85906
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.692 NYTME (km.): 608.565 Building: 85

Emission Point: 85907
Height (ft.): 47 Diameter (in.): 4
NYTMN (km.): 4741.707 NYTME (km.): 608.536 Building: 85

Item 222.9(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: H-OFURN

Emission Point: 21012
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.25 NYTME (km.): 608.937

Emission Point: 35027
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.291 NYTME (km.): 608.799

Emission Point: 85063
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.694 NYTME (km.): 608.475

Item 222.10(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: T-13004

Emission Point: 12004
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.881

Emission Point: 13300
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4740.986 NYTME (km.): 608.793 Building: 13

Item 222.11(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: T-14009

Emission Point: 14003
Height (ft.): 25 Diameter (in.): 24
NYTMN (km.): 4740.98 NYTME (km.): 608.795 Building: 14

Emission Point: 14005
Height (ft.): 24 Diameter (in.): 10
NYTMN (km.): 4740.981 NYTME (km.): 608.796 Building: 14

Item 222.12(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-28003

Emission Point: 28004
Height (ft.): 100 Diameter (in.): 54
NYTMN (km.): 4741.139 NYTME (km.): 608.917 Building: 28

Condition 223: Process Definition By Emission Unit
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 223.1(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 008 Source Classification Code: 3-01-999-99
Process Description:
The building 37 Cracker system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system vents through EPs 37952, 37901 and 37902.

Emission Source/Control: 37CE2 - Process

Emission Source/Control: 37CRE - Process

Item 223.2(From Mod 2):

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

Emission Unit: C-27018
Process: 023 Source Classification Code: 3-01-999-99
Process Description:
PK1 (Polykettle 1) is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. This polykettle system is connected to the Building 30 vent header which in turn vents to the compressor knockout tank and then through the MON MACT vent header to the thermal oxidizer at EP 97500. This process includes any associated cleanouts.

Emission Source/Control: 97BAG - Control
Control Type: FABRIC FILTER

Emission Source/Control: 97OXI - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY1 - Process

Emission Source/Control: POLY2 - Process

Item 223.3(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 024 Source Classification Code: 3-01-999-99
Process Description:
PK2 (Polykettle 2) is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. This polykettle system is connected to the Building 30 vent header which in turn vents to the compressor knockout tank and then through the MON MACT vent header to the thermal oxidizer at EP 97500. This process includes any associated cleanouts.

Emission Source/Control: 97BAG - Control
Control Type: FABRIC FILTER

Emission Source/Control: 97OXI - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Item 223.4(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 025 Source Classification Code: 3-01-999-99
Process Description:
PK3 (Polykettle 3) is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. This polykettle system is connected to the Building 30 vent header which in turn vents to the compressor knockout tank and then through the MON MACT vent header to the thermal oxidizer at EP 97500. This process includes any associated cleanouts.

Emission Source/Control: 97BAG - Control
Control Type: FABRIC FILTER

Emission Source/Control: 97OXI - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY3 - Process

Item 223.5(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 026 Source Classification Code: 3-01-999-99
Process Description:
PK5 (Polykettle 5) is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. This polykettle system is connected to the Building 30 vent header which in turn vents to the compressor knockout tank and then through the MON MACT vent header to the thermal oxidizer at EP 97500. This process includes any associated cleanouts.

Emission Source/Control: 97BAG - Control
Control Type: FABRIC FILTER

Emission Source/Control: 97OXI - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY5 - Process

Item 223.6(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 039 Source Classification Code: 3-01-999-99
Process Description:
The 300 gallon glass reactor system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 37040, 37021, 37060, 37066 and 37083.

Emission Source/Control: 37EJV - Process

Emission Source/Control: 37GLR - Process
Design Capacity: 300 gallons

Emission Source/Control: 37GPR - Process

Item 223.7(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 040 Source Classification Code: 3-01-999-99
Process Description:
The east hydrolyzer system and east filter aid kettle (FAK) are used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 76001, 76004, 76009, 76710, 76711, 76714.

Emission Source/Control: 76CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76EAS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76ESC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76CH1 - Process

Emission Source/Control: 76EFK - Process

Emission Source/Control: 76EHC - Process

Emission Source/Control: 76EHW - Process

Emission Source/Control: 76EPT - Process

Emission Source/Control: 76ERC - Process

Emission Source/Control: 76ESB - Process

Emission Source/Control: 76WHC - Process

Emission Source/Control: 76WHR - Process

Emission Source/Control: 76WHW - Process

Emission Source/Control: 76WSW - Process

Item 223.8(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 043 Source Classification Code: 3-01-999-99
Process Description:
The PK6 (Polykettle 6) system is a batch system used to make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non-MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The system vents through EP 30806 or EP 30916 or to EP 97500.
Note: Source code 30EVP, venting through EP 30945 or 97500, for the pilot TFE unit is assigned to this process code.

Emission Source/Control: 30EVP - Process

Emission Source/Control: PESV6 - Process

Emission Source/Control: POLY6 - Process

Item 223.9(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 047 Source Classification Code: 3-01-999-99
Process Description:
The west hydrolyzer system and west filter aid kettle (FAK) are used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The east hydrolyzer system vents through a vent gas scrubber to EP 76001. The system also includes EP 76005, EP 76710, EP 76711 and 76715.T

Emission Source/Control: 76CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76WAS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76WFK - Process

Emission Source/Control: 76WHC - Process

Emission Source/Control: 76WHR - Process

Emission Source/Control: 76WHW - Process

Emission Source/Control: 76WPT - Process

Emission Source/Control: 76WSB - Process

Emission Source/Control: 76WSW - Process

Item 223.10(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 083 Source Classification Code: 3-01-999-99
Process Description:
The Building 23 blend tank system vents to the B24 MON MACT Water Scrubber (MTCSS) and compressor knockout tank (24KOT) and then through the MON MACT vent header to the thermal oxidizer at EP 97500. This process includes any associated cleanouts.

Emission Source/Control: 97BAG - Control
Control Type: FABRIC FILTER

Emission Source/Control: 97OXI - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: 23BT1 - Process

Emission Source/Control: 23BT2 - Process

Emission Source/Control: 23BT3 - Process

Emission Source/Control: 24KOT - Process

Emission Source/Control: MTCSS - Process

Item 223.11(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 088 Source Classification Code: 3-01-999-99
Process Description:
The 2M Hydrolyzer system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are

subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through Emission Points 37002 and 37022. It also may vent through Emission Points 37701, 37018, 37018, 37067, 37068, 37069, 37070, 37071, 37072 or 37004 under certain ejector scenarios.

Emission Source/Control: 37100 - Process

Emission Source/Control: 372MH - Process

Emission Source/Control: 37CR4 - Process

Emission Source/Control: 37CRA - Process

Emission Source/Control: 37CRB - Process

Emission Source/Control: 37CRC - Process

Emission Source/Control: 37CRD - Process

Emission Source/Control: 37EJE - Process

Emission Source/Control: 37HAE - Process

Emission Source/Control: 37KOC - Process

Item 223.12(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 096 Source Classification Code: 3-01-999-99
Process Description:
The Rodney Hunt system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 37013, 37708, 37814, 37813, 37805, 37072, 37004, 37085 or 37021.

Emission Source/Control: 37RHE - Process

Emission Source/Control: 37RHS - Process

Emission Source/Control: RH502 - Process

Emission Source/Control: RHFTK - Process

Emission Source/Control: RHJOD - Process

Emission Source/Control: RHPTK - Process

Item 223.13(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 106 Source Classification Code: 3-01-999-99
Process Description:
The storage tanks vent through the intermediates vent scrubber and then to the atmosphere via EP 23002. The tanks have a nitrogen blanket or are under pressure.

Emission Source/Control: 23SCR - Control
Control Type: WET SCRUBBER

Emission Source/Control: 23HT1 - Process

Emission Source/Control: 23HT4 - Process

Emission Source/Control: 23RCD - Process

Emission Source/Control: 23TK4 - Process

Emission Source/Control: 23TK6 - Process

Emission Source/Control: 23TK8 - Process

Emission Source/Control: 23TK9 - Process

Emission Source/Control: 23TKU - Process

Emission Source/Control: 62CTA - Process

Emission Source/Control: 62T5C - Process

Emission Source/Control: 62T5E - Process

Emission Source/Control: 62TRI - Process

Emission Source/Control: 64CT6 - Process
Design Capacity: 33,000 gallons

Emission Source/Control: 64CT7 - Process
Design Capacity: 8,000 gallons

Item 223.14(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 108 Source Classification Code: 3-01-999-99
Process Description:

The specialty kettle system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 76001, 76011 and 76005.

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76CH3 - Process

Emission Source/Control: 76SPK - Process

Item 223.15(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 109 Source Classification Code: 3-01-999-99
Process Description:
The dimethyl fluids equilibrator system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The dimethyl fluids equilibrator system may vent through emission points 37009, 37934, 37903, 37910, 37920, 37921, 37707, 37909, 37917, 48001. NOTE: Process Code 009 was removed at Renewal 3. It was combined with Process Code 109. Process Code 109 was retained.

Emission Source/Control: 37BDC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 37CVL - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVS - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVT - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVU - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVX - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37BDD - Process

Emission Source/Control: 37FAT - Process

Emission Source/Control: 37FBP - Process

Emission Source/Control: 37FEF - Process

Emission Source/Control: 37GV3 - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 37ST2 - Process

Emission Source/Control: 37ST3 - Process

Emission Source/Control: 37ST4 - Process

Emission Source/Control: 37ST5 - Process

Emission Source/Control: 37ST7 - Process

Emission Source/Control: 37ST8 - Process

Emission Source/Control: 37TA3 - Process

Emission Source/Control: 48VSS - Process

Item 223.16(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 112 Source Classification Code: 3-01-999-99
Process Description:
The 3M Filter Aid Kettle (FAK) system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any associated cleanouts. The system may vent through EPs 37039, 37038, 37905 and 37827.

Emission Source/Control: 37CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 373MF - Process

Emission Source/Control: 37FAK - Process
Design Capacity: 500 gallons

Emission Source/Control: 37FPC - Process

Emission Source/Control: 37PLT - Process

Item 223.17(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 114 Source Classification Code: 3-01-999-99
Process Description:
The 1500 gallon glass (1500 PUFA) reactor system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 37019, 37042, 37045, 37044, 37041, 37812 and 37827.

Emission Source/Control: 37GW7 - Process
Design Capacity: 750 gallons

Emission Source/Control: 37MVS - Process

Emission Source/Control: 37P15 - Process

Emission Source/Control: 37PLT - Process

Emission Source/Control: 37PSR - Process

Item 223.18(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 121 Source Classification Code: 3-01-999-99
Process Description:
The 4M PUFA Reactor system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system vents through EPs 37007, 37077, 37034, 37014, 37041, 37019, 37801 and 37803.

Emission Source/Control: 374MP - Process

Emission Source/Control: 374ST - Process

Emission Source/Control: 37750 - Process

Emission Source/Control: 37PUR - Process

Item 223.19(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 139 Source Classification Code: 3-01-999-99
Process Description:
The 3000 L North Drais mixer system may be used to make products subject to 40CFR 63, Subpart FFFF, as well as non MON MACT products. Products made on this system that contain HAPs and are subject to Subpart FFFF are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process includes any associated cleanouts. The system may vent through EPs 31030, 31031, 31034, 31036, 31037 and 31040.

Emission Source/Control: 31AMS - Control
Control Type: AMMONIA SCRUBBING

Emission Source/Control: 31DB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 31DC1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 31DMS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 31FS1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 31APL - Process

Emission Source/Control: 31ESB - Process

Emission Source/Control: 31FKR - Process

Emission Source/Control: 31FP1 - Process

Emission Source/Control: 31FP2 - Process

Emission Source/Control: 31FP3 - Process

Emission Source/Control: 31GHV - Process

Emission Source/Control: 31LKR - Process

Emission Source/Control: 31LNM - Process
Design Capacity: 3,000 liters

Emission Source/Control: 31LTS - Process

Emission Source/Control: 31NAS - Process

Emission Source/Control: 31NBH - Process

Emission Source/Control: 31NDM - Process

Emission Source/Control: 31RSR - Process

Emission Source/Control: 31TT1 - Process

Emission Source/Control: 31TT2 - Process

Emission Source/Control: 31WSB - Process

Item 223.20(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 142 Source Classification Code: 3-01-999-99
Process Description:
The 3000 L South Drais mixer system may make products subject to 40CFR 63, Subpart FFFF, as well as non MON MACT products. Products made on this system that contain HAPs and are subject to Subpart FFFF are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process includes any associated cleanouts. The system vents through EPs 31030, 31031, 31032,31034, 31035, 31036, 31037, 31040 and 31041.

Emission Source/Control: 31AMS - Control
Control Type: AMMONIA SCRUBBING

Emission Source/Control: 31DB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 31DC1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 31DMS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 31APL - Process

Emission Source/Control: 31ESB - Process

Emission Source/Control: 31FKR - Process

Emission Source/Control: 31FP1 - Process

Emission Source/Control: 31FP2 - Process

Emission Source/Control: 31FP3 - Process

Emission Source/Control: 31FS2 - Process
Design Capacity: 3,000 liters

Emission Source/Control: 31GHV - Process

Emission Source/Control: 31LKR - Process

Emission Source/Control: 31LSM - Process
Design Capacity: 3,000 liters

Emission Source/Control: 31LTS - Process

Emission Source/Control: 31RSR - Process

Emission Source/Control: 31SAS - Process

Emission Source/Control: 31SFB - Process

Emission Source/Control: 31TT1 - Process

Emission Source/Control: 31TT2 - Process

Emission Source/Control: 31WSB - Process

Item 223.21(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 701 Source Classification Code: 3-99-999-94
Process Description:
Material from TFE that has been stripped goes intermediate storage tank/blend tanks. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The system may vent to atmosphere at EPs 37941, 37942, 37943, 37944, 36001, 37945 and 37946.

Emission Source/Control: 37CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVN - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVP - Control

Control Type: CONSERVATION VENT

Emission Source/Control: 37CVQ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVR - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVY - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVZ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 36ST4 - Process

Emission Source/Control: 37TA1 - Process

Emission Source/Control: 37TA2 - Process

Emission Source/Control: 37TK0 - Process

Emission Source/Control: 37TK7 - Process

Emission Source/Control: 37TK8 - Process

Emission Source/Control: 37TK9 - Process

Item 223.22(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 715 Source Classification Code: 3-01-018-47
Process Description:
The MQ Resins system is a Group 1 batch system subject to 40 CFR 63, Subpart FFFF. The system vents through the MON MACT vent header to the thermal oxidizer at EP 97500. This process includes any associated cleanouts.

Emission Source/Control: 97BAG - Control
Control Type: FABRIC FILTER

Emission Source/Control: 97OXI - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: 23APS - Process

Emission Source/Control: 24BLD - Process

Emission Source/Control: 24BOD - Process

Emission Source/Control: 24FAK - Process

Emission Source/Control: 24HYD - Process

Emission Source/Control: 24KOT - Process

Emission Source/Control: 24PRE - Process

Emission Source/Control: 24PSR - Process

Emission Source/Control: 24PSS - Process

Emission Source/Control: 24RST - Process

Emission Source/Control: 24SIL - Process

Emission Source/Control: 24WSH - Process

Emission Source/Control: MQDIS - Process

Emission Source/Control: MQISO - Process

Emission Source/Control: MTCSS - Process

Item 223.23(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 750 Source Classification Code: 3-01-999-99
Process Description:
The acid storage tank vents through the tank scrubber and then to the atmosphere via EP 23005.

Emission Source/Control: 23BSS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 23TNS - Process

Item 223.24(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 766 Source Classification Code: 3-01-999-98
Process Description:
Building 76 storage tanks working and breathing losses that vent directly to atmosphere or to the vent gas scrubber. All tanks have a nitrogen blank and/or PCV. (Includes Op-flex 01/06/2021 Modification)

Emission Source/Control: 76AA6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76AAV - Control

Control Type: CONSERVATION VENT

Emission Source/Control: 76ATV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76HTV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76TFV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 62TRI - Process

Emission Source/Control: 76AAS - Process
Design Capacity: 16,000 gallons

Emission Source/Control: 76AAT - Process
Design Capacity: 14,000 gallons

Emission Source/Control: 76ACW - Process

Emission Source/Control: 76AST - Process

Emission Source/Control: 76CTT - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 76HST - Process

Emission Source/Control: 76MST - Process

Emission Source/Control: 76STS - Process

Item 223.25(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 770 Source Classification Code: 3-01-999-99
Process Description:
Vapors from drumming stations and working losses from loading stations vent to atmosphere or through a scrubber prior to discharging to the atmosphere.

Emission Source/Control: 76ACT - Process

Emission Source/Control: 76APS - Process

Emission Source/Control: 76DV1 - Process

Emission Source/Control: 76DV2 - Process

Emission Source/Control: 76DV3 - Process

Emission Source/Control: 76TL1 - Process

Emission Source/Control: 76TL2 - Process

Item 223.26(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 782 Source Classification Code: 3-01-999-99
Process Description:
Building 37 storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blanket. Additionally, some tanks also have a pressure control valve present. These sources belong to emission unit C-27018.

Emission Source/Control: 37CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV9 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVA - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVL - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVM - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37VC2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 36ST4 - Process

Emission Source/Control: 37AST - Process

Emission Source/Control: 37MST - Process
Design Capacity: 10,000 gallons

Emission Source/Control: 37NHT - Process

Emission Source/Control: 37ST1 - Process

Emission Source/Control: 37ST2 - Process

Emission Source/Control: 37ST9 - Process

Emission Source/Control: 37STB - Process

Emission Source/Control: 37STC - Process

Emission Source/Control: 37STT - Process

Emission Source/Control: 37TAN - Process

Emission Source/Control: FE101 - Process

Emission Source/Control: RHSTE - Process

Item 223.27(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 788 Source Classification Code: 3-02-999-99
Process Description:
Building 24A storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blank. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 24CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 901CV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23APL - Process

Emission Source/Control: 23APS - Process
Design Capacity: 6,000 gallons

Emission Source/Control: 24ST1 - Process

Emission Source/Control: 24ST2 - Process

Emission Source/Control: 24ST3 - Process

Emission Source/Control: 24ST4 - Process

Emission Source/Control: CL901 - Process
Design Capacity: 3,000 gallons

Item 223.28(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MN1 Source Classification Code: 3-01-999-99
Process Description:
This process includes all of the individual Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in unit C-27018 that are subject to 40 CFR 63, Subpart FFFF (MON MACT). The MCPUs are organized based on a Family of Materials (FOM) basis. The complete list of MCPUs, FOMs and operating scenarios is maintained in the Subpart FFFF Notification of Compliance Status (NOCS). Process MN1 and the Subpart FFFF NOCS include Group 1 process vent streams and controls, storage tanks, transfer racks, and heat exchange systems, as well as the storage, management and treatment of designated Group 1 wastewater streams. Changes to the MON MACT MCPUs, FOMs, or operating scenarios are documented within the NOCS on a semiannual basis and are included in the Subpart FFFF Semiannual reports. Monthly MON MACT batch emission calculations are completed in order to verify the Group 2 status of applicable process vents. Note: The MON MACT MCPUs utilize equipment and emission points that are already included under the Process codes designated for Title V permitting, which are organized by equipment rather than product. Emissions for Process MN1 are, therefore, included in the emissions for individual Process codes.

Emission Source/Control: MCPU1 - Process

Item 223.29(From Mod 2):

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

Emission Unit: E-LISTS
Process: L01 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart SS [63.983(a, b, c & d), 63.990(a & b), 63.996, 63.996(d), 63.998(a)(2), 63.998(b & c), 63.998(c)(1 & 2) & 63.998(d)(1)]

EU-C27018: Proc - 023-026, 040, 047, 083, 108 & 715
EU-FINISH: Proc - 053

Emission Source/Control: L0001 - Process

Item 223.30(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L06 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points subject to Part 212-2.4(b) & Part 212-1.6(a):

EU-FINISH: EPs - 31001, 3200(6, 7, 8 & 9), 3201(6 & 7), 3300(2, 3), 42012, 85002, 85057 & 37105.

EU-C27018: EPs - 14006, 24120, 24132, 31002, 31003, 31022, 31030, 32038, 37707, 37934, 78005, & 97500.

EU-W97004: EP - 95002.

EU-T13004: EP 13013.

Exempt vents under
201-3.2(c)(44): 13013
(27): 31001, 31002, 42007, 85057

32046 (controlled emissions from EPs 32023, 32024, 32011-32015) (Process 111)
85045 (Proc 182)
85046 (Process 175)

No reference to this EP in the flow diagrams - 68005

Emission Source/Control: L0001 - Process

Item 223.31(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L08 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points, Processes & Emission Sources subject to Part 229.5(d):

EU-C27018: 76ACW.

EU-FINISH: 23APS, 37APS.

Emission Source/Control: L0001 - Process

Item 223.32(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 053 Source Classification Code: 3-01-999-99
Process Description:
The CASH system is a Group 1 continuous process subject to 40 CFR 63, Subpart FFFF. The system vents through the CASH scrubber, which is a MON MACT Group 1 control device, to EP 76006. This process includes any associated cleanouts.

Emission Source/Control: 76CSS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76BTC - Process

Emission Source/Control: 76COO - Process

Emission Source/Control: 76HLD - Process

Emission Source/Control: 76MET - Process
Design Capacity: 10,100 gallons

Emission Source/Control: 76RET - Process

Emission Source/Control: 76TWV - Process

Item 223.33(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 102 Source Classification Code: 3-01-999-99
Process Description:
The TFK 2 (treated filler kettle 2) system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process also includes any associated cleanouts. The system vents through EP 32026. The light ends receiver system can also vent through EP 32028 (either using ammonia scrubber or not). The tank loading station vents through the scrubber at EP 32028.

Emission Source/Control: 32TV1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: FTKR2 - Process

Emission Source/Control: FTKT2 - Process

Item 223.34(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 157 Source Classification Code: 3-01-999-99
Process Description:
The TFK 3 (treated filler kettle 3) system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3 This process includes any associated cleanouts. The system vents through EP 32028.

Emission Source/Control: 32CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 32PGA - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 32TV2 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30TLS - Process

Emission Source/Control: FTKH2 - Process

Emission Source/Control: FTKR4 - Process

Item 223.35(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 168 Source Classification Code: 3-01-999-99
Process Description:
The east resin system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The system vents through EPs 24207, 24305, 24308, 24309, 24311, 24312, 24404, 24409, 24413, 24702, 24704, 24944, 24302, 24945, 24955, 24956

Emission Source/Control: 24ADC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 24ARS - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 24CVA - Control
Control Type: NITROGEN BLANKET

Emission Source/Control: 24CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CVD - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24ESS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 24EVR - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 24PGA - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 24SRV - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 24VC1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24AID - Process

Emission Source/Control: 24BC1 - Process

Emission Source/Control: 24BC2 - Process

Emission Source/Control: 24BD1 - Process

Emission Source/Control: 24BD2 - Process

Emission Source/Control: 24BKC - Process

Emission Source/Control: 24BLE - Process

Emission Source/Control: 24BR1 - Process

Emission Source/Control: 24BR2 - Process

Emission Source/Control: 24DRM - Process

Emission Source/Control: 24EBK - Process

Emission Source/Control: 24EHY - Process

Emission Source/Control: 24EST - Process

Emission Source/Control: 24EWT - Process

Emission Source/Control: 24FOK - Process

Emission Source/Control: 24HCO - Process

Emission Source/Control: 24N12 - Process
Design Capacity: 500 gallons

Emission Source/Control: 24NO5 - Process

Emission Source/Control: 24PMT - Process

Emission Source/Control: 24SF1 - Process

Emission Source/Control: 24SF2 - Process

Emission Source/Control: 24SHT - Process

Emission Source/Control: 24SOU - Process

Emission Source/Control: 24SWT - Process

Emission Source/Control: 24WST - Process

Emission Source/Control: 24WTA - Process

Item 223.36(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 190 Source Classification Code: 3-01-999-99
Process Description:
The treated filler kettle (TFK) 4 system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process also includes any associated cleanouts. The system vents through EPs 85008 and 85013.

Emission Source/Control: 85CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85TST - Control
Control Type: SPRAY TOWER

Emission Source/Control: 85TF4 - Process

Emission Source/Control: 85TF5 - Process

Emission Source/Control: 85TWT - Process

Item 223.37(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 191 Source Classification Code: 3-01-999-99
Process Description:
The treated filler kettle (TFK) 5 system is a batch system that includes the treated filler kettle, receiver, heat exchanger and overhead condenser. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The TFK 5 system vents through a spray column to EP 85008. The extruder can also vent through a water separator system to EP 85013.

Emission Source/Control: 85TST - Control
Control Type: SPRAY TOWER

Emission Source/Control: 85KOT - Process

Emission Source/Control: 85TK5 - Process

Item 223.38(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 751 Source Classification Code: 3-01-999-99
Process Description:
Building 23 and Building 23 Tank Farm storage tank working and breathing losses that vent to atmosphere. All tanks have a nitrogen blanket or are under pressure. Additionally, some tanks also have a pressure control valve present. (includes Op-flex 01/20/2021)

Emission Source/Control: 23CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23AST - Process

Emission Source/Control: 23IST - Process
Design Capacity: 15,000 gallons

Emission Source/Control: 23SSS - Process
Design Capacity: 20,000 gallons

Emission Source/Control: 23TK0 - Process

Emission Source/Control: 23TK5 - Process

Emission Source/Control: 23TOL - Process
Design Capacity: 28,400 gallons

Emission Source/Control: 23TST - Process
Design Capacity: 8,000 gallons

Emission Source/Control: BK701 - Process

Emission Source/Control: BK801 - Process

Emission Source/Control: BK901 - Process

Emission Source/Control: BL001 - Process

Item 223.39(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 778 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 37 processes that vent to atmosphere through sewer vents

Emission Source/Control: 37APS - Process

Item 223.40(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 779 Source Classification Code: 3-01-999-99
Process Description:
The west system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. The system may vent through emission points 24402, 24413, 24405. This process includes any associated cleanouts.

Emission Source/Control: 24N2B - Control
Control Type: NITROGEN BLANKET

Emission Source/Control: 24WAS - Process

Emission Source/Control: 24WBH - Process

Emission Source/Control: 24WHY - Process

Item 223.41(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 781 Source Classification Code: 3-01-999-99

Process Description:
Building 37 storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blanket. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 37CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVD - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVF - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVG - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVH - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVI - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVK - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37APS - Process

Emission Source/Control: 37HEX - Process
Design Capacity: 10,000 gallons

Emission Source/Control: 37PM2 - Process

Emission Source/Control: 37STP - Process

Emission Source/Control: 37TK2 - Process

Emission Source/Control: 37TK3 - Process

Emission Source/Control: 37TK4 - Process

Emission Source/Control: 37TK5 - Process

Emission Source/Control: 37TK6 - Process

Item 223.42(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 789 Source Classification Code: 3-01-999-99
Process Description:
The south system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. The system may vent through emission points 24209, 24210, 24211, 24413. This process includes any associated cleanouts.

Emission Source/Control: 24CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV9 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24BLT - Process

Emission Source/Control: 24FKE - Process

Emission Source/Control: 24PTK - Process

Emission Source/Control: 24SBK - Process

Item 223.43(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DEG Source Classification Code: 4-01-002-99
Process Description:
Maintenance shop degreasers. Cold cleaning solvent degreasing units that use a petroleum distillate solvent and are subject to requirements under 6 NYCRR Part 226.

Emission Source/Control: 271DG - Process

Emission Source/Control: 44DEG - Process

Emission Source/Control: BA101 - Process

Emission Source/Control: CY101 - Process

Emission Source/Control: CY201 - Process

Emission Source/Control: GA201 - Process

Emission Source/Control: GA301 - Process

Emission Source/Control: HT401 - Process

Emission Source/Control: HT901 - Process

Emission Source/Control: ID301 - Process

Item 223.44(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: MN3 Source Classification Code: 3-01-999-99
Process Description:
"This process includes all of the individual Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in unit F-INISH that are subject to 40 CFR 63, Subpart FFFF (MON MACT). The MCPUs are organized based on a Family of Materials (FOM). The complete list of MCPUs, FOMs and operating scenarios is maintained in the Subpart FFFF Notification of Compliance Status (NOCS). Process MN3 and the Subpart FFFF NOCS include Group 1 process vent streams and controls, storage tanks, transfer racks, and heat exchange systems, as well as the storage, management and treatment of designated Group 1 wastewater streams. Changes to the MON MACT MCPUs, FOMs, or operating scenarios are documented within the NOCS on a semiannual basis and are included in the Subpart FFFF Semiannual reports. Monthly MON MACT batch emission calculations are completed in order to verify the Group 2 status of applicable process vents
Note: The MON MACT MCPUs utilize equipment and emission points that are already included under the Process codes designated for Title V permitting, which are organized by equipment rather than product. Emissions for Process MN3 are, therefore, included in the emissions for individual Process codes".

Emission Source/Control: MCPU3 - Process

Item 223.45(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: 408 Source Classification Code: 1-02-006-01
Process Description:
Natural gas is combusted in Boiler 13. Boiler 13 was manufactured by Combustion Engineering and has a maximum heat input rating of 122 MMBtu/hr. It is equipped with a new ultra low NOx, gas only, burner that meets the limits of both 40 CFR 52.45 and 6 NYCRR Part 227.2 (NOx RACT) will be installed and tested in the first half of 2026 .
The boiler is exhausted to the atmosphere partially

through a condensing heat exchanger (EP 28020,) and partially through a steel stack (EP 28002). The boiler is used to generate steam for both process use and space heating. Boiler 13 is classified as a large boiler under 6NYCRR Part 227-2 as revised 6/2010.

Emission Source/Control: 14CHX - Combustion

Emission Source/Control: BLR13 - Combustion

Emission Source/Control: 13LNB - Control
Control Type: DRY LOW NOx BURNER

Item 223.46(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: 410 Source Classification Code: 1-02-006-01
Process Description:
Natural gas is combusted in Boiler 18. Boiler 18 is a Zurn Keystone boiler and has a maximum heat input rating of 308 MMBtu/hr. It is equipped with a low NOx burner and is exhausted to the atmosphere partially through a condensing heat exchanger (EP 28020,) and partially through a steel stack (EP 28006). The boiler is used to generate steam for both process use and space heating. Boiler 18 is classified as a very large boiler under 6NYCRR Part 227-2 as revised 6/2010. Boiler 18 utilizes a CEMS for NOx and is subject to requirements under 40CFR 60 Subpart Db.

Emission Source/Control: 14CHX - Combustion

Emission Source/Control: BLR18 - Combustion

Emission Source/Control: 18LNB - Control
Control Type: DRY LOW NOx BURNER

Item 223.47(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: 415 Source Classification Code: 1-02-006-01
Process Description:
Natural gas is combusted in Boiler 14. Boiler 14 was manufactured by Babcock and Wilcox and has a maximum heat input rating of 171 MMBtu/hr (125,000 lb/hr steam). It is equipped with a low NOx burner and is exhausted directly to the atmosphere through a common stack shared with Boiler 15 (EP 28003). The boiler is used to generate steam for both process use and space heating. Boiler 14 is classified as a large boiler under 6NYCRR Part 227-2 as

revised 6/2010.

Emission Source/Control: BLR14 - Combustion

Emission Source/Control: 14LNB - Control
Control Type: DRY LOW NOx BURNER

Item 223.48(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: 705 Source Classification Code: 3-99-999-94
Process Description:
WWTP Tank Farm Operation: The WWTP Tank Farm stores various materials to support WWTP operations. The tanks all have nitrogen blankets and may be equipped with pressure control valves. Some of the tanks may be used to handle Group 1 wastewaters subject to 40CFR 63, Subpart FFFF and are managed as described under Process MN1 and the applicable requirements for processes 213-215 and 217-219.

Emission Source/Control: 97NV1 - Control Removal Date: 10/25/2025
Control Type: CONSERVATION VENT

Emission Source/Control: 97NV2 - Control Removal Date: 10/25/2025
Control Type: CONSERVATION VENT

Emission Source/Control: 97UV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97UV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 40KEQ - Process
Design Capacity: 40,000 gallons

Emission Source/Control: 539AT - Process
Design Capacity: 23,000 gallons

Emission Source/Control: 539BT - Process
Design Capacity: 23,000 gallons

Emission Source/Control: 9728A - Process
Design Capacity: 7,000 gallons

Emission Source/Control: 9728B - Process
Design Capacity: 7,000 gallons

Emission Source/Control: 97HST - Process

Emission Source/Control: CT500 - Process

Emission Source/Control: CT501 - Process

Emission Source/Control: WTVST - Process

Item 223.49(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: 745 Source Classification Code: 5-03-007-01
Process Description:
Biological Wastewater Treatment System: The Bio Reactor system is an activated sludge process that receives influents of pretreated wastewater, and containment water. Bio Reactors T-20 and T-21 (sources BIOR1, BIOR2) consist of aeration basins and integral clarifiers that are operated in parallel. The overflow from the primary treatment clarifiers and T-507 is transferred to the Bio Equalization Tank (T-505) prior to flowing to the Bio Reactors. IPA is stored in T-18 prior to being used as food in the Bio Reactors. Non-contact cooling water/clean storm water sewers can be diverted to the containment tanks (T-502, T-503, T-504, T-506). The waste sludge subsystem is used to remove excess sludge from the Bio Reactors. The Bio Reactors may be used to handle Group 1 wastewaters subject to 40CFR 63, Subpart FFFF and are managed as described under processes MN1, MN2, and MN3 and the applicable requirements for processes 213-215 and 217-219.

Emission Source/Control: 97EQV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: BIOR1 - Process

Emission Source/Control: BIOR2 - Process

Emission Source/Control: EQUL1 - Process

Emission Source/Control: EQUL2 - Process

Emission Source/Control: EQUL3 - Process

Emission Source/Control: EQUL4 - Process

Emission Source/Control: EQUL5 - Process

Emission Source/Control: SMT01 - Process

Emission Source/Control: SMT02 - Process

Emission Source/Control: TNK18 - Process

Item 223.50(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: 825 Source Classification Code: 3-01-999-99
Process Description:
Primary Wastewater Treatment Plant: Wastewater from plant processes is treated prior to discharge to the river. The system consists of the API wet well (neutralizer), API oil/water separator, two API decant tanks and clarifiers which operate in series. Underflow from the clarifiers is directed to the thickener and overflow goes to the T-507 tank. Lime, caustic and polymers are added to the treatment system from feed tanks as needed. The clarifier sir strippers (sources ST100 and ST101) are used to remove volatile organic compounds from the wastewater in T-507 prior to it being sent to secondary treatment in the biological treatment system. Effluent from T-507 may also be directed to the back neutralizers. The clarifier strippers normally vent to the incinerators through the clarifier air stripper header but may also vent to atmosphere at EP 97013 or through incinerator purge vents at EP 97015 and 97016. The stripper system is subject to regulation under 40 CFR 63, Subpart G.

Emission Source/Control: 97NP1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97NP2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 9728A - Process
Design Capacity: 7,000 gallons

Emission Source/Control: 97DT2 - Process

Emission Source/Control: 97GST - Process

Emission Source/Control: ACT23 - Process

Emission Source/Control: AP3FT - Process

Emission Source/Control: ST100 - Process

Emission Source/Control: ST101 - Process

Emission Source/Control: ST507 - Process

Emission Source/Control: STDEM - Process

Item 223.51(From Mod 0):

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

Emission Unit: C-27018
Process: 005 Source Classification Code: 3-01-999-99
Process Description:
The PK10 (Polykettle 10) system is a batch system used to make silicone polymers. It may make products subject to 40 CFR 63 Subpart FFFF as well as non-MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system vents through EPs 78032/78015 and 78016.

Emission Source/Control: 78PC1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 78RVC - Process

Item 223.52(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 007 Source Classification Code: 3-01-999-99
Process Description:
The 40 gallon Ross Mixer system is a batch system operated by building 30. It makes products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The mixer vents through EP 14006.

Emission Source/Control: 14RMX - Process

Item 223.53(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 012 Source Classification Code: 3-01-999-99
Process Description:
The PK12 (Polykettle 12) system is a batch system used to make silicone polymers. It may make products subject to 40 CFR 63 Subpart FFFF as well as non-MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The system vents through EP 78018 or EP 78019.

Emission Source/Control: 78PK2 - Process

Emission Source/Control: 78VES - Process

Item 223.54(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 041 Source Classification Code: 3-01-026-30
Process Description:
The PK8 (Polykettle 8) system is a batch system used to make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non-MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The system vents through EP 30808 or EP 30918.

Emission Source/Control: PESV8 - Process

Emission Source/Control: POLY8 - Process

Item 223.55(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 042 Source Classification Code: 3-01-999-99
Process Description:
The PK4 (Polykettle 4) system is a batch system used to make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non-MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The system vents through EP 30804 or EP 30914.

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY4 - Process

Item 223.56(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 045 Source Classification Code: 3-01-999-99
Process Description:
The PK7 (Polykettle 7) system is a batch system used to

make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non-MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The system vents through EP 30807 or EP 30917.

Emission Source/Control: PESV7 - Process

Emission Source/Control: POLY7 - Process

Item 223.57(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 066 Source Classification Code: 3-01-026-30
Process Description:
The west blend tank system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EP 76712, 76713, 76718 and 76719.

Emission Source/Control: 76BCV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76ICV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76PCV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76B15 - Process

Emission Source/Control: 76BIT - Process

Emission Source/Control: 76IDM - Process

Emission Source/Control: 76PST - Process

Item 223.58(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 073 Source Classification Code: 3-01-999-99
Process Description:
Manufacture of mixed cyclics in the

cracker "C" and "D" systems. The system may vent through EPs 35006, 35007, 35009, 35010, 35011, 35016, 35040 and 35901.

Emission Source/Control: 35CSS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 35CVA - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVG - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVH - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35539 - Process

Emission Source/Control: 35B51 - Process

Emission Source/Control: 35CCE - Process

Emission Source/Control: 35CHW - Process

Emission Source/Control: 35CIV - Process

Emission Source/Control: 35CPH - Process

Emission Source/Control: 35CRV - Process

Emission Source/Control: 35CWS - Process

Emission Source/Control: 35DRV - Process

Emission Source/Control: 35GLY - Process

Emission Source/Control: 35LER - Process

Emission Source/Control: 35SOT - Process

Emission Source/Control: 35WES - Process

Item 223.59(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 084 Source Classification Code: 3-01-999-99
Process Description:
The 300 gallon Stainless Steel Reactor system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart

FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system vents through EP 37804.

Emission Source/Control: 37SSR - Process
Design Capacity: 300 gallons

Item 223.60(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 086 Source Classification Code: 3-01-999-99
Process Description:
The 4M Dispersion Kettle/NPK Reactor may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any cleanouts. The system may vent through EPs 37017, 37020, 37078, 37089, 37033, 37707, 37902, 37952 or 37901

Emission Source/Control: 374MD - Process

Emission Source/Control: 374MK - Process

Emission Source/Control: 37NPK - Process

Emission Source/Control: 37PRV - Process

Item 223.61(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 087 Source Classification Code: 3-01-999-99
Process Description:
The 2M Dispersion Kettle system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 37011, EP 37080, 37081, or 37707.

Emission Source/Control: 372MD - Process

Emission Source/Control: 372MK - Process

Item 223.62(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 092 Source Classification Code: 3-01-999-99
Process Description:
The 1M Fluorosilicone system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking as described in Process MN3. This process also includes as any cleanouts. The system vents through a vapor scrubber and ejector system to EP 71013.

Emission Source/Control: 71VCS - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: 71FR1 - Process

Emission Source/Control: 71FR2 - Process

Emission Source/Control: 71FSC - Process

Emission Source/Control: 71FSR - Process

Emission Source/Control: 71FWT - Process

Item 223.63(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 100 Source Classification Code: 3-01-999-99
Process Description:
The CPU system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 37010, 37019, 37023, 37026, 37027, 37033, 37062, 37063, 37064, 37901 and 37902.

Emission Source/Control: 37CVB - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVZ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37APV - Process

Emission Source/Control: 37CE1 - Process

Emission Source/Control: 37CPN - Process

Emission Source/Control: 37CPT - Process

Emission Source/Control: 37CST - Process

Emission Source/Control: 37D4F - Process

Emission Source/Control: 37VCU - Process

Item 223.64(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 119 Source Classification Code: 3-01-999-99
Process Description:
The continuous hydrolysis loop system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are managed as described in process MN1. The process includes any associated cleanouts. The system may vent through EPs 24121(trivial), 24423, 24703, 24925, 24936, 24937, 24938, 24939, 24950, 24951, 24954 and 24962.

Emission Source/Control: 24HLS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 244HD - Process

Emission Source/Control: 24CHL - Process

Emission Source/Control: 24CHT - Process

Emission Source/Control: 24ENZ - Process

Emission Source/Control: 24FK0 - Process

Emission Source/Control: 24FTO - Process

Emission Source/Control: 24HT1 - Process

Emission Source/Control: 24HT2 - Process

Emission Source/Control: 24HT4 - Process
Design Capacity: 400 gallons

Emission Source/Control: 24HTS - Process
Design Capacity: 400 gallons

Emission Source/Control: 24NSR - Process

Emission Source/Control: 24NVS - Process

Emission Source/Control: 24PRT - Process

Emission Source/Control: 24PST - Process

Emission Source/Control: 24SLT - Process

Emission Source/Control: 24SPK - Process

Emission Source/Control: 24T12 - Process

Emission Source/Control: 24WBN - Process

Item 223.65(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 131 Source Classification Code: 3-01-999-99
Process Description:
The PK9 system may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPS 78006, 78011, 78007 and 78016.

Emission Source/Control: 78PK9 - Process

Emission Source/Control: 78PKE - Process

Emission Source/Control: 78PKV - Process

Item 223.66(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 132 Source Classification Code: 3-01-999-99
Process Description:
The PK11 system may make products subject to 40 CFR Part 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The system may vent through EPs 78017, 78016 and 78002.

Emission Source/Control: 78PC1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 78MVS - Process

Emission Source/Control: 78PFT - Process

Emission Source/Control: 78PK1 - Process

Item 223.67(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 133 Source Classification Code: 3-01-999-99
Process Description:
The fluorosilicone cracker system may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process may operate in two different modes: initial startup, as well as a semi-continuous operation. This process includes any associated cleanouts. The system vents through EPs 78001 and 78031.

Emission Source/Control: 78FCB - Control
Control Type: FABRIC FILTER

Emission Source/Control: 78BUH - Process

Emission Source/Control: 78FSC - Process

Emission Source/Control: 78PEL - Process

Emission Source/Control: 78SEP - Process

Emission Source/Control: 78TTV - Process

Emission Source/Control: 78VS2 - Process

Item 223.68(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 134 Source Classification Code: 3-01-999-99
Process Description:
The PK14 system may make products subject to 40 CFR Part 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The system may vent through EPs 78025 and 78019. 78002.

Emission Source/Control: 78P14 - Process

Emission Source/Control: 78VES - Process

Item 223.69(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 137 Source Classification Code: 3-01-999-99
Process Description:
The 500 gallon BK mixer system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process includes any associated cleanouts. The system vents through EPs 31022 and 31019.

Emission Source/Control: 31DB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 30BKM - Process

Emission Source/Control: 30BKP - Process

Item 223.70(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 138 Source Classification Code: 4-90-001-99
Process Description:
The 200 gallon Reynolds mixer may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The 200 gallon Reynolds mixer may vent through EPs 31046 and 31022. This process includes any associated cleanouts.

Emission Source/Control: 31DB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 301OB - Process
Design Capacity: 15 gallons

Emission Source/Control: 302RM - Process
Design Capacity: 200 gallons

Emission Source/Control: 30DBP - Process

Item 223.71(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 146 Source Classification Code: 3-01-999-99
Process Description:
The 500 gallon Day mixer system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The system may vent through EPS 31019 and 31022.

Emission Source/Control: 31DB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 305GD - Process

Emission Source/Control: 305VP - Process

Item 223.72(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 153 Source Classification Code: 3-01-999-99
Process Description:
The artisan system consists may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The artisan system may vent through EPs 37911, 37901, 37902, 37958.

Emission Source/Control: 37CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVJ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37AHT - Process
Design Capacity: 500 gallons

Emission Source/Control: 37ART - Process

Emission Source/Control: 37ASB - Process

Emission Source/Control: 37AVS - Process

Emission Source/Control: 37LST - Process

Item 223.73(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 154 Source Classification Code: 3-01-999-99
Process Description:
The 1M Reactor system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking as described in Process MN1. This process also includes any associated cleanouts and the local ventilation system used to remove vapors during filter rebuild . The system may vent through EPS 71001 and 71003.

Emission Source/Control: 71RXS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71CR1 - Process
Design Capacity: 1,000 gallons

Emission Source/Control: 71KO1 - Process

Emission Source/Control: 71RT2 - Process

Emission Source/Control: 71WT7 - Process
Design Capacity: 750 gallons

Item 223.74(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 156 Source Classification Code: 3-01-999-99
Process Description:
The 3M Hydrolyzer system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system vents through EP 71001.

Emission Source/Control: 71HYS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71HY3 - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 71SIL - Process
Design Capacity: 1,500 gallons

Emission Source/Control: 71SWT - Process
Design Capacity: 1,500 gallons

Item 223.75(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 189 Source Classification Code: 3-01-999-99
Process Description:
The fluorosilicone doughmixer 'A' system many make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products 09made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The system vents through EPs 78001 and 78004.

Emission Source/Control: 78DME - Process

Emission Source/Control: 78FDM - Process

Emission Source/Control: 78LA1 - Process

Emission Source/Control: 78LA2 - Process

Emission Source/Control: 78LA3 - Process

Emission Source/Control: 78LA4 - Process

Emission Source/Control: 78LA5 - Process

Emission Source/Control: 78VS1 - Process

Item 223.76(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 201 Source Classification Code: 3-85-001-10
Process Description:
This process represents heat exchange systems (cooling water) within the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Heat exchange systems subject to Subpart FFFF are summarized in the Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: HXCM1 - Process

Item 223.77(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 205 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of Group 1 wastewater or residuals in containers. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: CONM1 - Process

Item 223.78(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 209 Source Classification Code: 3-99-999-94
Process Description:
This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: IDSM1 - Process

Item 223.79(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 210 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of MON maintenance wastewater streams from unit C-27018 that are subject to 40 CFR 63, Subpart F.

Emission Source/Control: MWWM1 - Process

Item 223.80(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 213 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of Group 1 process wastewater in tanks. The Group 1 wastewater is generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater storage tank determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PW1 - Process

Item 223.81(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 217 Source Classification Code: 3-05-102-99
Process Description:
This process represents the treatment of Group 1 wastewater streams and/or residuals removed from Group 1 wastewater streams. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PT1 - Process

Item 223.82(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 220 Source Classification Code: 3-01-070-02
Process Description:
This process represents any pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems in the unit C-27018 processes that are subject to the leak detection and repair requirements in 40 CFR 63, Subpart UU for MON MACT (40 CFR 63, Subpart FFFF) compliance. Each

piece of equipment to which Subpart UU applies is identified in the LeakDAHS system. If anyassociated emissions occur, amounts are reported under Process FUG.

Emission Source/Control: FUGM1 - Process

Item 223.83(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 300 Source Classification Code: 3-01-999-99
Process Description:
The fluorosilicone doughmixer 'B' system may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The system vents through EPs 78041 and 78042.

Emission Source/Control: 78DMB - Process

Emission Source/Control: 78LA1 - Process

Emission Source/Control: 78LA2 - Process

Emission Source/Control: 78LA3 - Process

Emission Source/Control: 78LA4 - Process

Emission Source/Control: 78LA5 - Process

Item 223.84(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 430 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
Fixed Box Incinerator (FBI) Vent Mode Operation: The FBI is used to burn only process vents in this mode. This may include process vents from the WWTP clarifier air strippers (process 825), the WWTP tank farm header (process 705), the MON MACT vent header (processes 023, 024, 025, 026, 083, 715) or the MON MACT air strippers (process 705) and tanks. No hazardous waste is burned in this operation. Countercurrent scrubber # 1 and the IWS # 1 train may be off-line during this mode of operation. 40 CFR 63 Subpart G regulations apply during vent mode operation but Subpart EEE does not. This process vents through EP 97001 and/or EP 97002.

Emission Source/Control: FBCS1 - Control Removal Date: 10/23/2025
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: FBCS2 - Control Removal Date: 10/23/2025
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: FBIQU - Control Removal Date: 10/23/2025
Control Type: SPRAY TOWER

Emission Source/Control: IWS11 - Control Removal Date: 10/23/2025
Control Type: WET SCRUBBER

Emission Source/Control: IWS12 - Control Removal Date: 10/23/2025
Control Type: WET SCRUBBER

Emission Source/Control: IWS21 - Control Removal Date: 10/23/2025
Control Type: WET SCRUBBER

Emission Source/Control: IWS22 - Control Removal Date: 10/23/2025
Control Type: WET SCRUBBER

Emission Source/Control: 93FBI - Incinerator Removal Date: 10/23/2025
Waste Feed Method: LIQUID FEED WITH A SPRAY NOZZLE
Waste Type: HAZARDOUS WASTE

Item 223.85(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 707 Source Classification Code: 3-01-840-01
Process Description:
The 117/118 column system vents through a knockout tank to EP 35031. The remaining vapors are sent to an eductor water unit, where the gases are mixed with tempered water and are sent to the chemical sewer.

Emission Source/Control: 35CSC - Control
Control Type: WET SCRUBBER

Emission Source/Control: 3517C - Process

Item 223.86(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 723 Source Classification Code: 3-99-999-94
Process Description:
The 25-gallon Ross mixer is used to mix silicone polymer. The mixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to

40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. The Ross mixer may vents through EP 30907 and EP 30938. This process includes any associated cleanouts.

Emission Source/Control: 30RM2 - Process

Item 223.87(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 753 Source Classification Code: 3-01-999-99
Process Description:
Building 35 storage tanks working and breathing losses that vent to atmosphere. All tanks have a nitrogen blank. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 35CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVB - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVD - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVF - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVI - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35538 - Process

Emission Source/Control: 35539 - Process

Emission Source/Control: 35596 - Process

Emission Source/Control: 35599 - Process

Emission Source/Control: 35992 - Process

Emission Source/Control: 35993 - Process

Emission Source/Control: 35T15 - Process

Emission Source/Control: 37MHT - Process

Emission Source/Control: 38ST7 - Process

Emission Source/Control: 38ST8 - Process

Emission Source/Control: 70HTE - Process

Emission Source/Control: 70HTW - Process

Item 223.88(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 754 Source Classification Code: 3-01-999-99
Process Description:
Siloxane tank vapors vent through a wash scrubber before discharging to the atmosphere at EP 35018. During planned maintenance shutdowns flow may be reduced/stopped, but there may still be breathing losses from the tanks. All tanks are equipped with individual vacuum regulators to prevent vacuum damage to the tanks.

Emission Source/Control: 59911 - Process

Emission Source/Control: 59912 - Process

Emission Source/Control: 59913 - Process

Emission Source/Control: T5994 - Process

Emission Source/Control: T5995 - Process

Emission Source/Control: T5996 - Process

Item 223.89(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018

Process: 755 Source Classification Code: 3-01-999-99
Process Description:
The building 71 elephant trunks capture vapors from drumming stations and vent to atmosphere through a single location.

Emission Source/Control: 1FSET - Process

Emission Source/Control: 1MHET - Process

Emission Source/Control: 1MRET - Process

Emission Source/Control: 3MHET - Process

Item 223.90(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 758 Source Classification Code: 3-01-999-99
Process Description:
Building 37 elephant trunks vent directly to atmosphere.

Emission Source/Control: 372MW - Process

Emission Source/Control: 37ELP - Process

Emission Source/Control: 37ETV - Process

Emission Source/Control: 37FS1 - Process

Emission Source/Control: 37GPD - Process

Emission Source/Control: 37NDS - Process

Emission Source/Control: 37PET - Process
Design Capacity: 4,000 gallons

Emission Source/Control: 37RDS - Process

Item 223.91(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 761 Source Classification Code: 3-01-999-99
Process Description:
107/108 Column vents through a vent knock out tank prior to venting to atmosphere at EP21011.

Emission Source/Control: 21COL - Process

Item 223.92(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 776 Source Classification Code: 3-01-999-99
Process Description:
Building 78 storage tanks working and breathing losses.

Emission Source/Control: 78CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78D4T - Process

Item 223.93(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 786 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer vacuum cleaner vents directly to atmosphere at EP 32038. The doughmixers that this vacuum cleaner is used with are all in Unit F-INISH.

Emission Source/Control: 32DMX - Process

Item 223.94(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 790 Source Classification Code: 3-01-999-99
Process Description:
Building 24A drums and mix tank that vent to atmosphere. The acid charge drum vents to atmosphere at EP 24952. The KOH drum vents to atmosphere at EP 24953. The HCl Mix Tank vents to atmosphere at EP 24417.

Emission Source/Control: 24ACD - Process

Emission Source/Control: 24HMT - Process

Emission Source/Control: 24KOD - Process

Item 223.95(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 792 Source Classification Code: 3-01-999-99
Process Description:
The west filter aid hopper for the MQ Resins system vents to atmosphere at EP 24120. The silicate mix tank vents to atmosphere at EP 24978.

Emission Source/Control: 24FAH - Process

Emission Source/Control: 24SMT - Process

Item 223.96(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 794 Source Classification Code: 3-01-999-99
Process Description:
The 1M Hydrolyzer system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The system may vent through EPs 71001 and 71013.

Emission Source/Control: 1MHSC - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71HYS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71VCS - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: 71FR1 - Process

Emission Source/Control: 71FR2 - Process

Emission Source/Control: 71FSC - Process

Emission Source/Control: 71FSR - Process

Emission Source/Control: 71FWT - Process

Emission Source/Control: 71HY3 - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 71HZR - Process
Design Capacity: 1,000 gallons

Emission Source/Control: 71SIL - Process
Design Capacity: 1,500 gallons

Emission Source/Control: 71SL1 - Process

Emission Source/Control: 71SV1 - Process

Emission Source/Control: 71SWT - Process
Design Capacity: 1,500 gallons

Item 223.97(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 795 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunk systems capture vapors from drums and other sources and vent to the atmosphere. Elephant trunk systems vent through EP 31047.

Emission Source/Control: 31ES4 - Process

Item 223.98(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 056 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
Hydrochloric acid tanks are vented through the HCl tank vent scrubber to EP 27035. This process is subject to requirements under 40 CFR 63, Subparts SS and FFFF.

Emission Source/Control: 27HWT - Control Removal Date: 10/25/2025
Control Type: SPRAY TOWER

Emission Source/Control: ABWAT - Process Removal Date: 10/25/2025

Emission Source/Control: HCLT1 - Process Removal Date: 10/25/2025

Emission Source/Control: HCLT2 - Process Removal Date: 10/25/2025

Emission Source/Control: HCLT3 - Process Removal Date: 10/25/2025

Emission Source/Control: HCLT4 - Process Removal Date: 10/25/2025

Emission Source/Control: HCLT5 - Process Removal Date: 10/25/2025

Item 223.99(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 202 Source Classification Code: 3-85-001-10
Process End Date: 10/25/2025
Process Description:
This process represents heat exchange systems (cooling water) within the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Heat exchange systems subject to Subpart FFFF are summarized in the Notification of Compliance Status

(original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: HXCM2 - Process Removal Date: 10/25/2025

Item 223.100(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 206 Source Classification Code: 3-01-026-30
Process End Date: 10/25/2025
Process Description:
This process represents the management of Group 1 wastewater or residuals in containers. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: CONM2 - Process Removal Date: 10/25/2025

Item 223.101(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 208 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: IDSM2 - Process Removal Date: 10/25/2025

Item 223.102(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 211 Source Classification Code: 3-01-820-10
Process End Date: 10/25/2025
Process Description:
This process represents the management of MON maintenance wastewater streams from unit C-27035 that are subject to 40 CFR 63, Subpart F.

Emission Source/Control: MWWM2 - Process Removal Date: 10/25/2025

Item 223.103(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 214 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
This process represents the management of Group 1 process wastewater in tanks. The Group 1 wastewater is generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater storage tank determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PW2 - Process Removal Date: 10/25/2025

Item 223.104(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 218 Source Classification Code: 3-01-070-02
Process End Date: 10/25/2025
Process Description:
This process represents the treatment of Group 1 wastewater streams and/or residuals removed from Group 1 wastewater streams. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PT2 - Process Removal Date: 10/25/2025

Item 223.105(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 221 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
This process represents any pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems in the

unit C-27035 processes that are subject to the leak detection and repair requirements in 40 CFR 63, Subpart UU for MON MACT (40 CFR 63, Subpart FFFF) compliance. Each piece of equipment to which Subpart UU applies is identified in the LeakDAHS system. If any associated emissions occur, amounts are reported under Process FUG.

Emission Source/Control: FUGM2 - Process Removal Date: 10/25/2025

Item 223.106(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 764 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description: HCl storage tank vents to scrubber at EP 27039.

Emission Source/Control: 27RVD - Combustion Removal Date: 10/25/2025

Emission Source/Control: 27ABS - Control Removal Date: 10/25/2025
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: ABWAT - Process Removal Date: 10/25/2025

Item 223.107(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: MN2 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
This process includes all of the individual Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in unit C-27035 that are subject to 40 CFR 63, Subpart FFFF (MON MACT). The MCPUs are organized based on a Family of Materials (FOM). The complete list of MCPUs, FOMs and operating scenarios is maintained in the Subpart FFFF Notification of Compliance Status (NOCS). Process MN2 and the Subpart FFFF NOCS include Group 1 process vent streams and controls, storage tanks, transfer racks, and heat exchange systems, as well as the storage, management and treatment of designated Group 1 wastewater streams.
Changes to the MON MACT MCPUs, FOMs, or operating scenarios are documented within the NOCS on a semiannual basis and are included in the Subpart FFFF Semiannual reports. Monthly MON MACT batch emission calculations are completed in order to verify the Group 2 status of applicable process vents.
Note: The MON MACT MCPUs utilize equipment and emission points that are already included under the Process codes designated for Title V permitting, which are organized by equipment rather than product. Emissions for Process MN2

are, therefore, included in the emissions for individual Process codes.

Emission Source/Control: MCPU2 - Process Removal Date: 10/25/2025

Item 223.108(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L02 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart SS [63.988(a), 63.988(b)]

EU-C27018: Proc - 023-026, 083 & 715

Emission Source/Control: L0001 - Process

Item 223.109(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L03 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart UU [63.1019, 63.1022, 63.1023(a, b & c), 63.1023(e), 63.1024(a, c, d, e & f), 63.1025(b, c & d), 63.1025(e)(1, 2 & 3), 63.1026, 63.1026(b)(4), 63.1026(e), 63.1027(b), 63.1027(e)(1 & 2), 63.1028, 63.1029, 63.1030, 63.1031(f), 63.1032, 63.1033, 63.1035, 63.1036, 63.1038(b & c) & 63.1039(a & b)]:

EU-C27018: Proc - 220, Source FUGM1

EU-C27035: Process - 221, Source FUGM2.

EU-FINISH: Processes - 222, Source FUGM3.

Emission Source/Control: L0001 - Process

Item 223.110(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L04 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points subject to Part

212-3.1(c)(4)(i):

EU-FINISH: EPs - 32028, 71013, 76006 & 85008.

EU-C27018: EPs - 76001, 23002.

Emission Source/Control: L0001 - Process

Item 223.111(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L05 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points subject to Part 212-3.1(c)(4)(iii):

EU-C27018: EPs - 24806

EU-FINISH: EPs - 32040, 32042, 32044, 32049 & 32050.

Emission Source/Control: L0001 - Process

Item 223.112(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L07 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points & Processes subject to Part 227-1.4:

EU-HOFURN

EU-U28002: Proc - 408 & 410.

EU-U28003: Proc - 415 & 417.

Emission Source/Control: L0001 - Process

Item 223.113(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L09 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:

List of Processes subject to Part
229.3(e)(2)(v) which emit through EU
C-27018 Processes 430:

EU: W-97004: Process 705

Emission Source/Control: L0001 - Process

Item 223.114(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L10 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
List of Processes subject to Part
229.3(e)(2)(iv) which emit through EU
C-27018 Processes 430:

EU: W-97004: Process 705

Emission Source/Control: L0001 - Process

Item 223.115(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L11 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 139(c), 140, 143(e) &
143(g) which emit through EU C-27018
Processes 430:

EU: W-97004: Process 705 ES/C MMNAS &
MMSAS.

Emission Source/Control: L0001 - Process

Item 223.116(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L13 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(4)(ii) which emit
through EU C-27018 Process 430 ES/C
FBCS1:

Emission Source/Control: L0001 - Process

Item 223.117(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L14 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(4)(ii) which emit
through EU C-27018 Process 430 ES/C
FBCS2:

Emission Source/Control: L0001 - Process

Item 223.118(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L15 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(4)(i) which emit
through EU C-27018 Process 430 ES/C IWS11,
IWS12, IWS21, IWS22, IWS1A, IWS1B, IWS2A or
IWS2B:

Emission Source/Control: L0001 - Process

Item 223.119(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L16 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(1)(i) which emit
through EU C-27018 Process 430 and ES/C
93FBI:

EU: C-27018: Process 090.

Emission Source/Control: L0001 - Process

Item 223.120(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L18 Source Classification Code: 3-01-999-99

Process Description:
List of Emergency Generators under
Emission Unit E-GNRTR:

Generators < 500 HP [subject to 40 CFR 63
Subpart ZZZZ (RICE MACT)];

Emission Point	Emission Source
28010	28EG1
28011	28EG2
28012	28EG3
80002	80EG1
80003	80EG2
85064	85EG1
97037	GEN01
97025	952E1
97026	952E2
51002	51EG3
51003	51EG4
97033	

FFPD4

Generators > 500 HP (Exempt under Subpart
ZZZZ);

Emission Point	Emission Source
86003	86EG1
86004	86EG2
97032	

FFPD3

Emission Source/Control: L0001 - Process

Item 223.121(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 029 Source Classification Code: 3-01-999-99
Process Description:
The endcapper system makes fluids. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process also includes any associated cleanouts. The endcapper system vents to atmosphere through the vent head at EP 85906 or EP 85907.

Emission Source/Control: 85CSC - Process

Emission Source/Control: 85GC5 - Process

Item 223.122(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 058 Source Classification Code: 3-01-999-99
Process Description:
The Banbury I system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mill vents through EP 42001 and the mixer vents through EP 42012. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM1 - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42RM1 - Process

Item 223.123(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 059 Source Classification Code: 3-01-999-99
Process Description:
The Banbury 2 system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mill vents through EP 42002 and the mixer vents through EP 42012. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM2 - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42RM2 - Process

Item 223.124(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 060 Source Classification Code: 3-01-999-99
Process Description:
The Banbury 3 system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mill vents through EP 42003 and the mixer vents through EP 42012. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018. The drum feed station vents through EP 42021. The liquid add station vents through EP 42020.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM3 - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DFS - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42DS2 - Process

Emission Source/Control: 42RM3 - Process

Item 223.125(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 061 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer 8 system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The system vents through EPS 32016 and 32042.

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DMXV8 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM8 - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DM8ES - Process

Emission Source/Control: DMXR8 - Process

Item 223.126(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 063 Source Classification Code: 3-01-999-99
Process Description:
The Banbury 4 system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mixer vents through EP 42012. Silicone Rubber Mill 4 vents through EP 42004. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM4 - Process

Emission Source/Control: 42BMX - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42DS1 - Process

Emission Source/Control: 42RM4 - Process

Item 223.127(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 065 Source Classification Code: 3-01-999-99
Process Description:
The banbury filler vents, cyclone separator, bag dump stations, general vacuum system and hoffman vacuum systems are included in this process. Particulate emissions from these sources vent through a dust collector to EP 42012.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BFV - Process

Emission Source/Control: 33CYC - Process

Emission Source/Control: 33GVS - Process

Emission Source/Control: 33HOF - Process

Emission Source/Control: 33HVS - Process

Emission Source/Control: 42PRH - Process

Item 223.128(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 081 Source Classification Code: 3-01-999-99
Process End Date: 10/25/2025
Process Description:
The existing pre-upgrade phenyl tetramer system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking

and managed as described in process MN3. This process also includes any cleanouts. The system may vent through EPs 37001, 37074, 37005, 37003, 37048, 37049, 37050, 37016, 37047. The post-upgrade system (Op-Flex Modification 11/11/20) may vent through EPs 37101 - 37105.

Emission Source/Control: 37HDC - Control
Control Type: DUST COLLECTOR

Emission Source/Control: 37PHV - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 37TDC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 37CCD - Process

Emission Source/Control: 37CEN - Process

Emission Source/Control: 37CO1 - Process

Emission Source/Control: 37CO2 - Process

Emission Source/Control: 37CO3 - Process

Emission Source/Control: 37DCF - Process

Emission Source/Control: 37DST - Process

Emission Source/Control: 37HOP - Process

Emission Source/Control: 37KOH - Process

Emission Source/Control: 37MLV - Process

Emission Source/Control: 37NCC - Process
Design Capacity: 750 gallons

Emission Source/Control: 37PCF - Process

Emission Source/Control: 37PHO - Process

Emission Source/Control: 37PST - Process

Emission Source/Control: 37PTC - Process

Emission Source/Control: 37PTD - Process

Emission Source/Control: 37SCC - Process
Design Capacity: 750 gallons

Item 223.129(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 111 Source Classification Code: 3-01-999-99
Process Description:
The vent dust collection system captures the particulates that escape from the atmospheric vents on TFK 1, TFK 2, TFK3, hoppers 1 through 5 as well as silos 1 through 6. This process also includes any associated cleanouts. Particulates vent through the dust collector EP 32046.

Emission Source/Control: 32TWH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 30FS1 - Process

Emission Source/Control: 30FS2 - Process

Emission Source/Control: 30FS4 - Process

Emission Source/Control: 30FS5 - Process

Emission Source/Control: 30FS6 - Process

Emission Source/Control: 31OMS - Process

Emission Source/Control: 32FS3 - Process

Emission Source/Control: 32WH1 - Process

Emission Source/Control: 32WH2 - Process

Emission Source/Control: 32WH3 - Process

Emission Source/Control: 32WH4 - Process

Emission Source/Control: 32WH5 - Process

Emission Source/Control: TFK02 - Process

Emission Source/Control: TFK03 - Process

Item 223.130(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 136 Source Classification Code: 3-01-999-99
Process Description:
Alkoxy catalyst feed tank, tote/drum stations, drum transfer stations, miscellaneous totes, hydride catalyst

feed tank and the MTMS feed tank vent through conservation vents consisting of a nitrogen blanket, PCV and/or flame arrestor before discharging through EP 33024. The acetoxy feed tank vents through a conservation vent at EP 33016.

Note: This process represents a system which can supply feeds to the WP extruder systems included under Process Codes 176, 177 & 178.

Emission Source/Control: 33CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 30ST1 - Process

Emission Source/Control: 30ST2 - Process

Emission Source/Control: 33AFT - Process

Emission Source/Control: 33DTS - Process

Emission Source/Control: 33ES4 - Process

Emission Source/Control: 33GAP - Process

Emission Source/Control: 33HCT - Process

Emission Source/Control: 33ST1 - Process

Emission Source/Control: 33TDS - Process

Emission Source/Control: 33TWS - Process

Item 223.131(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 170 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer 9 system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The system vents through EPs 32017 and 32050.

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DMXV9 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30D9D - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DM9ES - Process

Emission Source/Control: DMXR9 - Process

Item 223.132(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 171 Source Classification Code: 3-01-999-99
Process Description:
The Doughmixer 7 system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The system vents through EPs 32009 and 32049.

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DMXV7 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM7 - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DM7ES - Process

Emission Source/Control: DMXR7 - Process

Item 223.133(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 173 Source Classification Code: 3-01-999-99
Process Description:
The TFE system may make products subject to 40 CFR 63

Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process may operate in two different modes: initial startup, as well as a semi-continuous operation. This process includes any associated cleanouts. The system vents through EPs 78008, 78021, 78022, 78023, 78033, 78034, 78035.

Emission Source/Control: 78CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78VME - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 78CB1 - Process

Emission Source/Control: 78CCT - Process

Emission Source/Control: 78DT1 - Process

Emission Source/Control: 78ET1 - Process

Emission Source/Control: 78GDT - Process

Emission Source/Control: 78LED - Process

Emission Source/Control: 78NFT - Process

Emission Source/Control: 78SFT - Process

Emission Source/Control: 78TFE - Process

Emission Source/Control: 78TR3 - Process

Item 223.134(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 174 Source Classification Code: 3-01-070-02
Process Description:
The doughmixer 6 system may make products subject to 40

CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The system vents through EPs 32008 and 32040.

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DM6ES - Control
Control Type: EJECTOR CONDENSER

Emission Source/Control: DMXV6 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM6 - Process

Emission Source/Control: 30DME - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DMXR6 - Process

Item 223.135(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 175 Source Classification Code: 3-01-999-99
Process Description:
The WP-3 system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process includes any associated cleanouts. The system vents through EPs 85002, 85013, 85906, 85907 and 85068.

Emission Source/Control: 85DCS - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85NE1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85NW1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85NW2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85SW1 - Control
Control Type: DYNAMIC SEPARATOR (DRY)

Emission Source/Control: 85BER - Process

Emission Source/Control: 85DRM - Process

Emission Source/Control: 85GRV - Process

Emission Source/Control: 85HOP - Process

Emission Source/Control: 85NE2 - Process

Emission Source/Control: 85NWH - Process

Emission Source/Control: 85PTA - Process

Emission Source/Control: 85SEH - Process

Emission Source/Control: 85SWH - Process

Emission Source/Control: 85VCS - Process

Emission Source/Control: 85VP2 - Process

Emission Source/Control: 85WP3 - Process

Item 223.136(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 176 Source Classification Code: 3-01-999-99
Process Description:
The WP-1 system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process includes any associated cleanouts. The system vents through EPs 33004 and 33017. Inputs to the WP-1 system may be supplied via the feed system described under process code 136.

Emission Source/Control: 33SHB - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33EHB - Process

Emission Source/Control: 33F12 - Process

Emission Source/Control: 33F58 - Process

Emission Source/Control: 33FDF - Process

Emission Source/Control: 33FF1 - Process

Emission Source/Control: 33OMS - Process

Emission Source/Control: 33SSF - Process

Emission Source/Control: 33WDD - Process

Emission Source/Control: 33WF1 - Process

Emission Source/Control: 33WF2 - Process

Emission Source/Control: 33WP1 - Process

Emission Source/Control: 33WP2 - Process

Emission Source/Control: 33WP3 - Process

Emission Source/Control: 33WP4 - Process

Emission Source/Control: 33WP5 - Process

Emission Source/Control: 33WPF - Process

Emission Source/Control: 33WV1 - Process

Item 223.137(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 177 Source Classification Code: 3-01-999-99
Process Description:
The WP-4 System may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process includes any associated cleanouts. The system vents through EPs 33004 and 33017. Inputs to the WP-1 system may be supplied via the feed system described under process code 136.

Emission Source/Control: 33SHB - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33EHB - Process

Emission Source/Control: 33F12 - Process

Emission Source/Control: 33F58 - Process

Emission Source/Control: 33FDF - Process

Emission Source/Control: 33FF4 - Process

Emission Source/Control: 33SSF - Process

Emission Source/Control: 33WDD - Process

Emission Source/Control: 33WP1 - Process

Emission Source/Control: 33WP2 - Process

Emission Source/Control: 33WP3 - Process

Emission Source/Control: 33WP4 - Process

Emission Source/Control: 33WP5 - Process

Emission Source/Control: 33WPH - Process

Emission Source/Control: 33WV2 - Process

Item 223.138(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 178 Source Classification Code: 3-01-999-99
Process Description:
The WP-5 system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process includes any associated cleanouts. The system vents through EPs 33004 and 33017. Inputs to the WP-1 system may be supplied via the feed system described under process code 136.

Emission Source/Control: 33SHB - Control
Control Type: FABRIC FILTER

Emission Source/Control: WP5F1 - Process

Emission Source/Control: WP5F2 - Process

Emission Source/Control: WP5F3 - Process

Emission Source/Control: WP5V1 - Process

Emission Source/Control: WP5V2 - Process

Item 223.139(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 182 Source Classification Code: 3-01-999-99
Process Description:
The WP-2 system may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process includes any associated cleanouts. The system vents through EPs 85002, 85004, 85045 and 85067.

Emission Source/Control: 85CVD - Control Removal Date: 10/25/2025
Control Type: CONSERVATION VENT

Emission Source/Control: 85DCS - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85SDC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85BER - Process

Emission Source/Control: 85DRM - Process

Emission Source/Control: 85GC1 - Process

Emission Source/Control: 85GC2 - Process

Emission Source/Control: 85GC3 - Process

Emission Source/Control: 85GC4 - Process

Emission Source/Control: 85GC6 - Process

Emission Source/Control: 85GRV - Process

Emission Source/Control: 85HOP - Process

Emission Source/Control: 85PTA - Process

Emission Source/Control: 85SFH - Process

Emission Source/Control: 85VCS - Process

Emission Source/Control: 85VP1 - Process

Emission Source/Control: 85WP2 - Process

Item 223.140(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 183 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer 5 system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The system vents through EPs 32007 and 32044.

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DM5ES - Control
Control Type: EJECTOR CONDENSER

Emission Source/Control: DMXV5 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM5 - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DMXR5 - Process

Item 223.141(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 203 Source Classification Code: 3-01-026-30
Process Description:
This process represents heat exchange systems (cooling water) within the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Heat exchange systems subject to Subpart FFFF are summarized in the Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: HXCM3 - Process

Item 223.142(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 204 Source Classification Code: 3-01-999-99
Process Description:

This process represents the management of Group 1 wastewater or residuals in containers. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: CONM3 - Process

Item 223.143(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 207 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: IDSM3 - Process

Item 223.144(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 212 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of MON maintenance wastewater streams from unit F-INISH that are subject to 40 CFR 63, Subpart F.

Emission Source/Control: MWWM3 - Process

Item 223.145(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 215 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of Group 1 process wastewater in tanks. The Group 1 wastewater is generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated

under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater storage tank determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PW3 - Process

Item 223.146(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 219 Source Classification Code: 3-01-070-02
Process Description:
This process represents the treatment of Group 1 wastewater streams and/or residuals removed from Group 1 wastewater streams. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions). If any associated emissions occur, amounts are reported under Process FUG.

Emission Source/Control: G1PT3 - Process

Item 223.147(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 222 Source Classification Code: 3-01-999-99
Process Description:
This process represents any pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems in the unit F-INISH processes that are subject to the leak detection and repair requirements in 40 CFR 63, Subpart UU for MON MACT (40 CFR 63, Subpart FFFF) compliance. Each piece of equipment to which Subpart UU applies is identified in the LeakDAHS system. If any associated emissions occur, amounts are reported under Process FUG.

Emission Source/Control: FUGM3 - Process

Item 223.148(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 500 Source Classification Code: 3-01-999-98

Process Description:
The 40 Gallon Ross MIxer Room systems may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on these systems that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The system vents through EPs 31501-31508. One mixer was relocated from building 14 and two new mixers are to be installed in 2023. A fourth mixer may be installed post 2023.

Emission Source/Control: 31RM1 - Process
Design Capacity: 15 gallons

Emission Source/Control: 31RM2 - Process
Design Capacity: 15 gallons

Emission Source/Control: 31RM3 - Process
Design Capacity: 15 gallons

Emission Source/Control: 31RM4 - Process
Design Capacity: 15 gallons

Emission Source/Control: 31RM5 - Process
Design Capacity: 15 gallons

Emission Source/Control: 31RM6 - Process
Design Capacity: 15 gallons

Emission Source/Control: 31RM7 - Process
Design Capacity: 15 gallons

Emission Source/Control: 31RM8 - Process
Design Capacity: 15 gallons

Item 223.149(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 708 Source Classification Code: 3-01-026-30
Process Description:
The Molding Compounds Area Solids Handling Baghouse 2 vents through EP 33002. The grinding conveying dust pick up vents through the Molding Compounds Area Solids Handling Baghouse 3 vents to atmosphere at EP 33003.

Emission Source/Control: 31MB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33MB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33MB3 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 31PRE - Process

Emission Source/Control: 33GCD - Process

Emission Source/Control: 33SBE - Process

Item 223.150(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 729 Source Classification Code: 3-01-026-30
Process Description:
Transfer Truck loading/unloading vents to atmosphere through a scrubber.

Emission Source/Control: 71TTL - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71TWL - Process

Item 223.151(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 780 Source Classification Code: 3-01-999-99
Process Description:
Building 24 Storage tank working and breathing looses that vent to the atmosphere. All tanks have a nitrogen blanket or are under pressure. Additionally, some tanks also have a pressure control valve and/or flame arrestor present.

Emission Source/Control: 24CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CVB - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24DFA - Process

Emission Source/Control: 24DFD - Process

Emission Source/Control: 24MHC - Process

Emission Source/Control: 24SVB - Process

Item 223.152(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 796 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunk systems capture vapors from drums and other sources and vent to the atmosphere. Elephant trunk systems vent through EPs 78036, 78037, 78038 and 78039.

Emission Source/Control: 78DW0 - Process

Emission Source/Control: 78DWL - Process

Emission Source/Control: 78DWV - Process

Emission Source/Control: 78W12 - Process

Item 223.153(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 798 Source Classification Code: 3-01-999-99
Process Description:
The high speed drum line system includes process tanks. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The pigment tanks vent through a conservation vent to atmosphere at EP 85058.

Emission Source/Control: 85CVA - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85FPT - Process

Item 223.154(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 800 Source Classification Code: 3-01-999-99
Process Description:
Building 85 storage tanks working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blanket or are under pressure. Additionally, some tanks also have a pressure control valve present and some tanks vent through the vent header to EP 85906 or EP 85907.

Emission Source/Control: 85CV1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 85CV2 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 85CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CV9 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CVG - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CVH - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85PCV - Control
Control Type: NITROGEN BLANKET

Emission Source/Control: 85ABT - Process
Design Capacity: 36,000 gallons

Emission Source/Control: 85BST - Process
Design Capacity: 11,000 gallons

Emission Source/Control: 85CT1 - Process

Emission Source/Control: 85CT2 - Process

Emission Source/Control: 85GST - Process

Emission Source/Control: 85PT1 - Process

Emission Source/Control: 85PT2 - Process

Emission Source/Control: 85PT3 - Process

Emission Source/Control: 85PT4 - Process

Emission Source/Control: 85ST2 - Process

Emission Source/Control: 85ST6 - Process

Emission Source/Control: 85ST9 - Process

Emission Source/Control: 85STC - Process

Item 223.155(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 802 Source Classification Code: 3-01-999-99
Process Description:
Building 30 storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blank. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 30CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 30CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 508CV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 30LET - Process

Emission Source/Control: 30PT1 - Process

Emission Source/Control: 30PT2 - Process

Emission Source/Control: 30SLT - Process

Emission Source/Control: 33GAP - Process

Emission Source/Control: 33NTS - Process

Emission Source/Control: 33P11 - Process

Emission Source/Control: 33P12 - Process

Emission Source/Control: 33ST2 - Process

Emission Source/Control: 33ST3 - Process

Emission Source/Control: 33ST4 - Process

Item 223.156(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 804 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunk systems capture vapors from drums and other sources and vent through main dust collector to EP 85002.

Emission Source/Control: 85DCS - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85ETS - Process

Item 223.157(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-OFURN
Process: 418 Source Classification Code: 1-02-006-02
Process Description: Operation of Hot Oil Furnaces

Emission Source/Control: 21HOF - Combustion

Emission Source/Control: 35HOF - Combustion

Emission Source/Control: 85HOF - Combustion

Item 223.158(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-13004
Process: PP0 Source Classification Code: 3-01-999-99
Process Description:
Ventilation to remove vapors from pilot plant systems including a 100 gallon reactor system, a 130 gallon reactor system and a scrubber in building 13. Ventilation to remove vapors from the 30 mm WP extruder in building 12.

Emission Source/Control: 12WPE - Process

Emission Source/Control: 13050 - Process

Emission Source/Control: 13100 - Process

Emission Source/Control: 13HAR - Process

Emission Source/Control: 13TFE - Process

Item 223.159(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: PP1 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunks and lab hoods remove vapors from pilot plant systems including small scale (5020 liters) reactors and a mini thin film evaporator in building 14.

Emission Source/Control: PP050 - Process

Emission Source/Control: PP100 - Process

Emission Source/Control: PPHAR - Process

Emission Source/Control: PPTFE - Process

Item 223.160(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: 417 Source Classification Code: 1-02-006-02
Process Description:
Natural gas is combusted in Boiler 16. Boiler 16 is a Keeler boiler with a maximum heat input rating of 49.3 MMBtu/hr (40,000 lb/hr steam). It is exhausted directly to the atmosphere through a steel stack (EP 28004). The boiler is used to generate steam for both process use and space heating. Boiler 16 is classified as a mid-size boiler under 6NYCRR Part 227-2 as revised 6/2010.

Emission Source/Control: BLR16 - Combustion

STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

(1) an emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;
(2) the equipment at the facility was being properly operated and maintained;
(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the levels of emissions that exceeded the emission standards, or other requirements in the permit; and
(4) the facility owner or operator notified the department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

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

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

Item B: **General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**
Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all

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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 224: Contaminant List
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 224.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000064-19-7
Name: ACETIC ACID

CAS No: 000067-56-1
Name: METHYL ALCOHOL

CAS No: 000067-64-1
Name: DIMETHYL KETONE

CAS No: 000075-36-5
Name: ACETYL CHLORIDE

CAS No: 000075-79-6
Name: METHYLTRICHLOROSILANE

CAS No: 000107-46-0
Name: HEXAMETHYLDISILOXANE

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 000541-02-6
Name: DECAMETHYLCYCLOPENTASILOXANE

CAS No: 000541-05-9
Name: HEXAMETHYLCYCLOTRISILOXANE

CAS No: 000556-67-2
Name: OCTAMETHYLCYCLOTETRA SILOXANE

CAS No: 000999-97-3
Name: HEXAMETHYLDISILAZANE

CAS No: 001066-35-9
Name: SILANE,CHLORODIMETHYL

CAS No: 001185-55-3
Name: METHYLTRIMETHOXYSILANE

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

CAS No: 007664-41-7
Name: AMMONIA

CAS No: 068479-14-1
Name: SILANE, CHLORO METHYL DERIVS

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

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

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

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

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

Condition 2-14: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 212-2.1

Replaces Condition(s) 240

Item 2-14.1:
The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 102 Emission Source: 32TV1

Emission Unit: F-INISH
Process: 157 Emission Source: 32TV2

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 2-14.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Condenser outlet temperature shall be monitored to ensure sufficient control efficiency. This process emits through the emission point 32026. The upper limit of monitoring ensures compliance with all process batch operations. Engineering calculations shall be used as evidence of compliance with contaminant control efficiency when the measured temperature rises above the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 67 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 2-15: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 212-2.1

Replaces Condition(s) 236

Item 2-15.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 157 Emission Source: 32PGA

Regulated Contaminant(s):
CAS No: 000999-97-3 HEXAMETHYLDISILAZANE

Item 2-15.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Scrubber water flow during stripping will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 10 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 2-16: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 212-2.1

Replaces Condition(s) 231

Item 2-16.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018
Process: 139 Emission Source: 31FS1

Emission Unit: C-27018
Process: 142 Emission Source: 31FS2

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

Item 2-16.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the scrubbers during filler addition will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 2.4 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 2-17: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 212-2.1

Replaces Condition(s) 237

Item 2-17.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 190 Emission Source: 85TST

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 2-17.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Outlet temperature of condensing column 85TST will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured parameter exceeds the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 75 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 231: Compliance Demonstration
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable State Requirement:

Replaced by Condition(s) 2-16

Item 231.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018
Process: 139 Emission Source: 31FS1

Emission Unit: C-27018
Process: 142 Emission Source: 31FS2

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

Item 231.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the scrubbers will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 2.4 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 236: Compliance Demonstration
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable State Requirement:

Replaced by Condition(s) 2-15

Item 236.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 168 Emission Source: 24PGA

Regulated Contaminant(s):

CAS No: 000107-46-0 HEXAMETHYLDISILOXANE

Item 236.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Scrubber water flow during stripping will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 10 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 237: Compliance Demonstration
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable State Requirement:

Replaced by Condition(s) 2-17

Item 237.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 190 Emission Source: 85TST

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 237.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Outlet temperature of condensing column 85TST will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control

efficiency when the measured parameter exceeds the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 75 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: 2-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 240: Compliance Demonstration
Effective between the dates of 09/19/2023 and Permit Expiration Date

Applicable State Requirement:

Replaced by Condition(s) 2-14

Item 240.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 102 Emission Source: 32TV1

Emission Unit: F-INISH
Process: 157 Emission Source: 32TV2

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 240.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Condenser outlet temperature will be monitored to ensure sufficient control efficiency. This process emits through two emission points 32026 and 32027. The upper limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured temperature rises above the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 67 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 10/30/2023.
Subsequent reports are due every 6 calendar month(s).