

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility

Permit ID: 5-5328-00010/00024

Mod 0 Effective Date: 12/09/2020 Expiration Date: 12/08/2030

Mod 1 Effective Date: 06/17/2025 Expiration Date: 12/08/2030

Permit Issued To: NYS DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION
THE HARRIMAN STATE CAMPUS
1220 WASHINGTON AVE
ALBANY, NY 12226

Contact: Michael O'Neil
NYS DOCCS-FACILITIES PLANNING
1220 Washington Ave Bldg 4
ALBANY, NY 12226
(518) 912-1561

Facility: NYS GREAT MEADOW CORRECTIONAL FACILITY
ST RTE 22 - E OF US RTE 4
Fort Ann, NY 12821

Description:

Great Meadow - Washington Correctional Facilities operate boilers, emergency generators, and a cleaning product manufacturing operation. Emissions sources at the facility include two (2) 40.104 MMBtu/hr Johnston Boilers, two (2) 20.185 MMBtu/hr Johnston Boilers, all firing No. 2 fuel oil, and four (4) closed top tanks for cleaning product manufacturing. There are three (3) exempt emergency generators and thirty-one (31) exempt residential boilers.

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: ____ / ____ / ____

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.

PAGE LOCATION OF CONDITIONS

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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

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 Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYS DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION
THE HARRIMAN STATE CAMPUS
1220 WASHINGTON AVE
ALBANY, NY 12226

Facility: NYS GREAT MEADOW CORRECTIONAL FACILITY
ST RTE 22 - E OF US RTE 4
Fort Ann, NY 12821

Authorized Activity By Standard Industrial Classification Code:
9223 - CORRECTIONAL INSTITUTIONS

Mod 0 Permit Effective Date: 12/09/2020

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Mod 1 Permit Effective Date: 06/17/2025

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EU=0-SOAPF

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STATE ONLY ENFORCEABLE CONDITIONS**Facility Level**

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- 19 18 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 19 1-8 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 20 19 6 NYCRR Subpart 201-5: Emission Unit Definition
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Emission Unit Level

- 22 23 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 22 24 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 1/Mod 1/FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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

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

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

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

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

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

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

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item H: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or

operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Required Emission Tests - 6 NYCRR 202-1.1

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

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item K: Permit Exclusion - ECL 19-0305

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

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

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

regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 2: Facility Permissible Emissions
Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 2.1:

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:

per year	CAS No: 000067-56-1 (From Mod 1)	PTE: 18,000 pounds
	Name: METHYL ALCOHOL	
per year	CAS No: 0NY100-00-0 (From Mod 1)	PTE: 48,000 pounds
	Name: TOTAL HAP	
per year	CAS No: 0NY998-00-0 (From Mod 1)	PTE: 90,000 pounds
	Name: VOC	

Condition 3: Capping Monitoring Condition
Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 3.1:

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

6 NYCRR 201-6.1 (a)

Item 3.2:

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

Item 3.3:

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

Item 3.4:

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

Item 3.5:

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

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000067-56-1 METHYL ALCOHOL

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility is capping out of Title V requirements by limiting methanol or other Individual HAP emissions, facility wide, to 9 tons per year. The facility will maintain monthly records of raw materials used in mixing tanks and calculate emissions based on HAP content of materials and number of batches. This will be added to emissions from boilers using AP-42 emission factors. This will be totaled each month on a 12 month rolling basis.

Parameter Monitored: METHYL ALCOHOL

Upper Permit Limit: 9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 4: Capping Monitoring Condition

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement: 6 NYCRR 201-7.1**Item 4.1:**

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

otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 4.2:

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

Item 4.3:

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

Item 4.4:

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

Item 4.5:

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

Item 4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility is capping out of Title V requirements by limiting Total HAP emissions, facility wide, to 24 tons per year. The facility will maintain monthly records of raw materials used in mixing tanks and calculate emissions based on volatile HAP content of materials and number of batches. This will be added to emissions from boilers using AP-42 emission factors. This will be totaled each month on a 12 month rolling basis.

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 24 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 6: Capping Monitoring Condition

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 6.1:

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

6 NYCRR 201-6.1 (a)

Item 6.2:

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

Item 6.3:

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

Item 6.4:

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

Item 6.5:

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

Item 6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility is capping out of Title V requirements by limiting VOC emissions, facility wide, to 45 tons per year. The facility will maintain monthly records of raw materials used in mixing tanks and calculate emissions based on VOC content of materials and number of batches. This will be totaled each month on a 12 month rolling basis.

Parameter Monitored: VOC

Upper Permit Limit: 45 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 8: Visible Emissions Limited
Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement:6 NYCRR 211.2

Item 8.1:

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

Condition 1-1: Compliance Demonstration
Effective between the dates of 06/17/2025 and 12/08/2030

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

Item 1-1.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Note - Process sources and incinerators must comply with

the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-2: Compliance Demonstration
Effective between the dates of 06/17/2025 and 12/08/2030

Applicable Federal Requirement: 40CFR 60.43c(e)(4), NSPS Subpart Dc

Item 1-2.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 1-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of an affected facility that commences construction, reconstruction, or modification after February 28, 2005, and that combusts only oil that contains no more than 0.50 weight percent sulfur or a mixture of 0.50 weight percent sulfur oil with other fuels not subject to a PM standard under Section 60.43c and not using a post-combustion technology (except a wet scrubber) to reduce PM or SO₂ emissions is not subject to the PM limit in this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Compliance Demonstration
Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement: 40CFR 60.48c(e)(11), NSPS Subpart Dc

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep records as required under §60.48c(d) including the following information.

If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph §60.48c(f)(1)(2) or (3). In addition to records of fuel supplier certification, the semi-annual report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2021.

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

Condition 1-3: Compliance Demonstration
Effective between the dates of 06/17/2025 and 12/08/2030

Applicable Federal Requirement: 40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 1-3.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

- (i) The name of the oil supplier;
- (ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c; and
- (iii) The sulfur content or maximum sulfur content of the oil.

Note: 40 CFR 60.41c defines distillate oil as fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials (ASTM) D975, kerosine, as defined in ASTM D3699, biodiesel as defined in ASTM D6751, or biodiesel blends as defined in ASTM D7467. These test methods are incorporated by reference at 40 CFR 60.17.

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 10/30/2025.

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

Condition 1-4: Compliance Demonstration

Effective between the dates of 06/17/2025 and 12/08/2030

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

Item 1-4.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2025.

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

Condition 12: Applicability

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 12.1:

Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII.

Condition 13: Applicability

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable Federal Requirement:40CFR 63, Subpart JJJJJ

Item 13.1:

Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJ.

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

Condition 1-5: Compliance Demonstration
Effective between the dates of 06/17/2025 and 12/08/2030

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

Item 1-5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1MAIN

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of a stationary combustion installation must perform an annual tune-up on each emission source subject to 6 NYCRR Subpart 227-1. Records of the tune-up shall be maintained at the facility or at a Department approved alternative location for a minimum of five years. The records shall, at a minimum, include the date the tune-up(s) occurred and the details of the tune-up procedures for each emission source.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2025.

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

Condition 1-6: Compliance Demonstration
Effective between the dates of 06/17/2025 and 12/08/2030

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

Item 1-6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1MAIN

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-7: Compliance Demonstration

Effective between the dates of 06/17/2025 and 12/08/2030

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

Item 1-7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1MAIN

Item 1-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil firing emission sources subject to 6 NYCRR Subpart 227-1 which do not employ a continuous opacity monitor for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each emission source which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - date and time of day
 - observer's name
 - identity of the emission point
 - weather conditions
 - was a plume observed?

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

- 3) If the operator observes any visible emissions (other than steam - see below) for two consecutive days while firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must

contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 16: Compliance Demonstration
Effective between the dates of 12/09/2020 and 12/08/2030

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

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-SOAPF

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

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Covers of mixing tanks will be kept closed except to add raw materials to control the release of VOCs. Gate valves will be open to vent tanks prior to filling and will be closed at all other times.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

STATE ONLY ENFORCEABLE CONDITIONS****** Facility Level ********NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) an emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) the equipment at the facility was being properly operated and maintained;

(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) the facility owner or operator notified the department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or malfunction provision contained in any applicable requirement.

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

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records

required to comply with the request within sixty working days of written notification by the Department.

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 17: Contaminant List

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable State Requirement:ECL 19-0301

Item 17.1:

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

CAS No: 000067-56-1
Name: METHYL ALCOHOL

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

CAS No: 0NY100-00-0
Name: TOTAL HAP

CAS No: 0NY998-00-0
Name: VOC

Condition 18: Malfunctions and start-up/shutdown activities

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable State Requirement:6 NYCRR 201-1.4

Item 18.1:

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

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

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

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

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

Condition 1-8: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 06/17/2025 and 12/08/2030

Applicable State Requirement:6 NYCRR 201-1.4

Item 1-8.1:

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

(b) The facility owner or operator shall compile and maintain records of all equipment

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

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

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

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

Condition 19: Emission Unit Definition

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 19.1(From Mod 1):

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

Emission Unit: 0-1MAIN

Emission Unit Description:

This emission unit consists of the facility's powerhouse boilers. The facility operates two (2) 40.104 MMBtu/hr Johnston boilers and two (2) 20.185 MMBtu/hr Johnston boilers all firing No. 2 Fuel Oil.

Building(s): 25

Item 19.2(From Mod 1):

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

Emission Unit: 0-2SOAP

Emission Unit Description:

This emission unit consists of four closed top tanks

(01T01, 01T02, 01T03,01T04) used in the production of various cleaning products. There are two 2,000 gallon tanks, one 1,000 gallon tank, and one 500 gallon tanks. The cleaning solutions are added and mixed by hand before pneumatically conveyed to extruders. Emission from this process are fugitive and eventually escape the building through two rooftop vents (EP: SEP01, SEP02)

Building(s): 26

Condition 20: Renewal deadlines for state facility permits
Effective between the dates of 12/09/2020 and 12/08/2030

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

Item 20.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Condition 21: CLCPA Applicability
Effective between the dates of 12/09/2020 and 12/08/2030

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

Item 21.1:

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 22: Air pollution prohibited
Effective between the dates of 12/09/2020 and 12/08/2030

Applicable State Requirement:6 NYCRR 211.1

Item 22.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

Condition 23: Emission Point Definition By Emission Unit

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 23.1(From Mod 1):

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

Emission Unit: 0-1MAIN

Emission Point: 00006

Height (ft.): 53 Diameter (in.): 32
NYTMN (km.): 4812.825 NYTME (km.): 626.98 Building: 25

Emission Point: 00007

Height (ft.): 53 Diameter (in.): 32
NYTMN (km.): 4812.832 NYTME (km.): 626.967 Building: 25

Emission Point: 00008

Height (ft.): 54 Diameter (in.): 24
NYTMN (km.): 4812.831 NYTME (km.): 626.98 Building: 25

Emission Point: 00009

Height (ft.): 54 Diameter (in.): 24
NYTMN (km.): 4812.839 NYTME (km.): 626.981 Building: 25

Item 23.2(From Mod 1):

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

Emission Unit: 0-2SOAP

Emission Point: SEP01

Height (ft.): 18 Diameter (in.): 6
NYTMN (km.): 4813.952 NYTME (km.): 626.802 Building: 26

Emission Point: SEP02

Height (ft.): 18 Diameter (in.): 6
NYTMN (km.): 4813.952 NYTME (km.): 626.802 Building: 26

Condition 24: Process Definition By Emission Unit

Effective between the dates of 12/09/2020 and 12/08/2030

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 24.1(From Mod 1):

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

Emission Unit: 0-1MAIN

Process: NO2

Source Classification Code: 1-02-005-02

Process Description:

The combustion of fuel oil No. 2 in the four (4)
powerhouse boilers.

Emission Source/Control: 01B01 - Combustion

Design Capacity: 40.104 million Btu per hour

Emission Source/Control: 01B02 - Combustion
Design Capacity: 40.104 million Btu per hour

Emission Source/Control: 01B03 - Combustion
Design Capacity: 20.185 million Btu per hour

Emission Source/Control: 01B04 - Combustion
Design Capacity: 20.185 million Btu per hour

Item 24.2(From Mod 1):

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

Emission Unit: 0-2SOAP
Process: COR Source Classification Code: 4-07-146-98
Process Description:
This process is the manufacturing of cleaning products in
four (4) closed top tanks.

Emission Source/Control: 01T01 - Process
Design Capacity: 2,000 gallons

Emission Source/Control: 01T02 - Process
Design Capacity: 1,000 gallons

Emission Source/Control: 01T03 - Process
Design Capacity: 500 gallons

Emission Source/Control: 01T04 - Process
Design Capacity: 2,000 gallons

