**PERMIT**
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility
Permit ID: 4-1230-00019/00058
Effective Date: 02/23/2015 Expiration Date: 02/22/2025

Permit Issued To:DEPOSIT WOOD PELLET LLC
415 SQUANTUM RD
JAFFREY, NH 03452

Contact: MARK WILSON
DEPOSIT WOOD PELLET LLC
415 SQUANTUM RD
JAFFREY, NH 03452
(603) 532-0127

Facility: DEPOSIT WOOD PELLET LLC
1580 AIRPORT RD
DEPOSIT, NY 13754

Contact: MATTHEW ANDERSON
1580 AIRPORT ROAD
DEPOSIT, NY 13754
(607) 467-2600

Description:
Deposit Wood Pellet LLC is a wood pellet manufacturing facility. The facility consists of a wood fired burner and rotary kiln, two hammer mills, four pellet mills, four pellet coolers, a pellet packaging system, three storage silos, and a wood chipper. This project involves the renewal of the Air State Facility permit for Deposit Wood Pellet. In addition, the facility has replaced the four existing cyclones associated with the pellet mills and coolers with four new cyclones in order to comply with NFPA 654. The facility is also requesting a higher permissible emission rate for particulate matter as a result of the changes to the cyclones.

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: MARTHA A BELLINGER
NYSDEC - STAMFORD SUBOFFICE
65561 ST RTE 10 STE 1
STAMFORD, NY 12167

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.

## LIST OF CONDITIONS

**DEC GENERAL CONDITIONS**
**General Provisions**
Facility Inspection by the Department
Relationship of this Permit to Other Department Orders and Determinations
Applications for permit renewals, modifications and transfers
Permit modifications, suspensions or revocations by the Department
**Facility Level**
Submission of application for permit modification or renewal-REGION 4 SUBOFFICE - STAMFORD

**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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for 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 4 SUBOFFICE - STAMFORD**
**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 4 Sub-office
Division of Environmental Permits
65561 State Highway 10, Suite 1
Stamford, NY 12167-9503
(607) 652-7364

**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To:DEPOSIT WOOD PELLET LLC
415 SQUANTUM RD
JAFFREY, NH 03452

Facility: DEPOSIT WOOD PELLET LLC
1580 AIRPORT RD
DEPOSIT, NY 13754

Authorized Activity By Standard Industrial Classification Code:
2493 - RECONSTITUTED WOOD PRODUCTS
2499 - WOOD PRODUCTS, NEC
9999 - NONCLASSIFIABLE ESTABLISHMENTS

Permit Effective Date: 02/23/2015 Permit Expiration Date: 02/22/2025

**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**
**Facility Level**

1 6 NYCRR 201-7.1: Facility Permissible Emissions
*2 6 NYCRR 201-7.1: Capping Monitoring Condition
*3 6 NYCRR 201-7.1: Capping Monitoring Condition
*4 6 NYCRR 201-7.1: Capping Monitoring Condition
*5 6 NYCRR 201-7.1: Capping Monitoring Condition
*6 6 NYCRR 201-7.1: Capping Monitoring Condition
*7 6 NYCRR 201-7.1: Capping Monitoring Condition
*8 6 NYCRR 201-7.1: Capping Monitoring Condition
*9 6 NYCRR 201-7.1: Capping Monitoring Condition
10 6 NYCRR 211.1: Air pollution prohibited
11 6 NYCRR 212.4 (a): Compliance Demonstration
12 6 NYCRR 212.4 (a): Compliance Demonstration
13 6 NYCRR 212.4 (a): Compliance Demonstration
14 6 NYCRR 212.4 (a): Compliance Demonstration
15 6 NYCRR 212.4 (c): Compliance Demonstration
16 6 NYCRR 212.4 (c): Compliance Demonstration
17 6 NYCRR 212.4 (c): Compliance Demonstration
18 6 NYCRR 212.4 (c): Compliance Demonstration
19 6 NYCRR 212.4 (c): Compliance Demonstration
20 6 NYCRR 212.6 (a): Compliance Demonstration
21 6 NYCRR 212.6 (a): Compliance Demonstration
22 6 NYCRR 225-1.2 (c): Compliance Demonstration
23 6 NYCRR 225-1.2 (f): Compliance Demonstration
24 6 NYCRR 225-1.2 (g): Compliance Demonstration
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27 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
28 6 NYCRR Subpart 201-5: Emission Unit Definition
29 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
30 6 NYCRR 201-5.3 (c): Compliance Demonstration
31 6 NYCRR 211.2: Visible Emissions Limited
32 6 NYCRR 211.2: Compliance Demonstration

**Emission Unit Level**

33 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
34 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

**FEDERALLY ENFORCEABLE CONDITIONS**
****** 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**

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: Emergency Defense - 6 NYCRR 201-1.5**

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

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

(4) The facility owner and/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 corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/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 upset provision contained in any applicable requirement.

**Item F: 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 G: 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 H: 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 I: 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 J: 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 K:** **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 L:** **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 M:** **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 1:** **Facility Permissible Emissions**

**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 1.1:**
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: 000630-08-0<br>Name: CARBON MONOXIDE | PTE: | 190,000 | pounds per year |
| CAS No: 0NY075-00-0<br>Name: PARTICULATES | PTE: | 190,000 | pounds per year |
| CAS No: 0NY075-00-5<br>Name: PM-10 | PTE: | 190,000 | pounds per year |
| CAS No: 0NY075-02-5<br>Name: PM 2.5 | PTE: | 190,000 | pounds per year |
| CAS No: 0NY210-00-0<br>Name: OXIDES OF NITROGEN | PTE: | 190,000 | pounds per year |

**Condition 2: Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 2.1:**
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 2.2:**
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 2.3:**
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 2.4:**
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 2.5:**
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 2.6:**
The Compliance Demonstration activity will be performed for the Facility.

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

**Item 2.7:**
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility owner or operator shall limit emissions of oxides of nitrogen to less than 190,000 pounds (95 tons) during each 12-month period.

In order to demonstrate compliance with this emissions cap, the facility owner or operator shall track oxides of nitrogen emissions on a monthly and rolling 12-month total basis using appropriate data and the most current published emission factors. The facility owner or operator shall maintain a copy of all records and calculations used to determine compliance with this condition at the facility for a period of at least five years. Such records shall be made available to the Department upon request.

In addition, the facility owner or operator shall submit an annual certification in a format acceptable to the Department that demonstrates compliance with this condition.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 190000 pounds per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

**Condition 3: Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**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 Subpart 201-6

**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: 0NY075-02-5 PM 2.5

**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 owner or operator shall limit emissions of particulates less than 2.5 microns (PM-2.5) to less than

190,000 pounds (95 tons) during each 12-month period.

In order to demonstrate compliance with this emissions cap, the facility owner or operator shall track particulate emissions on a monthly and rolling 12-month total basis using appropriate data and the most current published emission factors. The facility owner or operator shall maintain a copy of all records and calculations used to determine compliance with this condition at the facility for a period of at least five years. Such records shall be made available to the Department upon request.

In addition, the facility owner or operator shall submit an annual certification in a format acceptable to the Department that demonstrates compliance with this condition.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 190000 pounds per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

**Condition 4: Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**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 Subpart 201-6

**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: 000630-08-0 CARBON MONOXIDE

**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 owner or operator shall limit emissions of carbon monoxide to less than 190,000 pounds (95 tons) during each 12-month period.

In order to demonstrate compliance with this emissions cap, the facility owner or operator shall track carbon monoxide emissions on a monthly and rolling 12-month total basis using appropriate data and the most current published emission factors. The facility owner or operator shall maintain a copy of all records and calculations used to determine compliance with this condition at the facility for a period of at least five years. Such records shall be made available to the Department upon request.

In addition, the facility owner or operator shall submit an annual certification in a format acceptable to the Department that demonstrates compliance with this condition.

Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 190000 pounds per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

**Condition 5:** **Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 5.1:**
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 5.2:**
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 5.3:**
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 5.4:**
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 5.5:**
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 5.6:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000 Emission Point: 00001

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

**Item 5.7:**
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The original air state facility permit application for the facility indicated a carbon monoxide (CO) emission rate of 17.50 pounds per hour from the dryer exhaust. Given that the modeling analysis and emissions calculations submitted in support of that application are based on this emission rate, CO emissions from the dryer exhaust will be limited to 17.50 pounds per hour.

The facility owner or operator shall conduct a stack test once every five years in order to demonstrate compliance with this condition. Stack testing shall be performed in accordance with a Department approved testing protocol and 6 NYCRR Part 202-1. The facility owner or operator shall notify the Department at least 30 days in advance of testing, and must submit a copy of the test results to the Department within 30 days of the date of test completion.

Upper Permit Limit: 17.50 pounds per hour
Reference Test Method: EPA Reference Test Method 10
Monitoring Frequency: Once every five years
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 6: Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**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 Subpart 201-6

**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: 0NY075-00-0 PARTICULATES

**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 owner or operator shall limit emissions of total particulates to less than 190,000 pounds (95 tons) during each 12-month period.

In order to demonstrate compliance with this emissions cap, the facility owner or operator shall track particulate emissions on a monthly and rolling 12-month total basis using appropriate data and the most current published emission factors. The facility owner or operator shall maintain a copy of all records and calculations used to determine compliance with this condition at the facility for a period of at least five years. Such records shall be made available to the Department upon request.

In addition, the facility owner or operator shall submit an annual certification in a format acceptable to the Department that demonstrates compliance with this condition.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 190000 pounds per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.

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

**Condition 7:** **Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 7.1:**
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 7.2:**
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 7.3:**
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 7.4:**
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 7.5:**
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 7.6:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000 Emission Point: 00001

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

**Item 7.7:**
Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The original air state facility permit application for the facility indicated an oxides of nitrogen (NOx) emission rate of 19.15 pounds per hour from the dryer exhaust. Given that the modeling analysis and emissions calculations submitted in support of that application are based on this emission rate, NOx emissions from the dryer exhaust will be limited to 19.15 pounds per hour.

The facility owner or operator shall conduct a stack test once every five years in order to demonstrate compliance with this condition. Stack testing shall be performed in accordance with a Department approved testing protocol and 6 NYCRR Part 202-1. The facility owner or operator shall notify the Department at least 30 days in advance of testing, and must submit a copy of the test results to the Department within 30 days of the date of test completion.

Upper Permit Limit: 19.15 pounds per hour
Reference Test Method: EPA Reference Test Method 7E
Monitoring Frequency: Once every five years
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 8: Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 8.1:**
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 8.2:**
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 8.3:**
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 8.4:**
On an annual basis, unless otherwise specified below, beginning one year after the granting of an

emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 8.5:**
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 8.6:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000
Process: 103

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

**Item 8.7:**
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Process 103 is limited to a maximum of 1000 hours of operation during each 12-month period in order to limit emissions of oxides of nitrogen. The facility owner or operator shall maintain a log of the daily operating hours and the total operating hours per month at the facility for a period of at least five years. Such records must be made available to the Department upon request.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 1000 hours
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

**Condition 9: Capping Monitoring Condition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 9.1:**
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 9.2:**
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 9.3:**
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 9.4:**
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 9.5:**
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 9.6:**
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

**Item 9.7:**
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility owner or operator shall limit emissions of particulate matter less than 10 microns (PM-10) to less than 190,000 pounds (95 tons) during each 12-month period.

In order to demonstrate compliance with this emissions cap, the facility owner or operator shall track particulate emissions on a monthly and rolling 12-month total basis using appropriate data and the most current

published emission factors. The facility owner or operator shall maintain a copy of all records and calculations used to determine compliance with this condition at the facility for a period of at least five years. Such records shall be made available to the Department upon request.

In addition, the facility owner or operator shall submit an annual certification in a format acceptable to the Department that demonstrates compliance with this condition.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 190000 pounds per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

**Condition 10: Air pollution prohibited**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 10.1:**
No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 11: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 11.1:**
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

| | |
|---|---|
| CAS No: 000050-00-0 | FORMALDEHYDE |
| CAS No: 000067-56-1 | METHYL ALCOHOL |
| CAS No: 000067-64-1 | DIMETHYL KETONE |
| CAS No: 000071-43-2 | BENZENE |
| CAS No: 000075-07-0 | ACETALDEHYDE |
| CAS No: 000075-09-2 | DICHLOROMETHANE |
| CAS No: 000078-93-3 | METHYL ETHYL KETONE |
| CAS No: 000080-56-8 | |

BICYCLO(3.1.1)HEPT-2-ENE, 2,6,6-TRIMETHYL C10H16
CAS No: 000095-47-6 BENZENE,1,2-DIMETHYL
CAS No: 000100-42-5 STYRENE
CAS No: 000107-02-8 ACROLEIN
CAS No: 000108-88-3 TOLUENE
CAS No: 000108-95-2 PHENOL
CAS No: 000110-62-3 VALERALDEHYDE
CAS No: 000156-59-2 ETHENE, 1,2-DICHLORO-
CAS No: 001330-20-7 XYLENE, M, O & P MIXT.
CAS No: 004170-30-3 CROTONALDEHYDE
CAS No: 008006-64-2 TURPENTINE
CAS No: 000123-38-6 PROPIONALDEHYDE
CAS No: 000127-91-3 BETA-PINENE
CAS No: 013466-78-9 BICYCLO HEPT-3-ENE, 3,7,7-TRIMETHYL-

**Item 11.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Department has assigned the
following contaminants the environmental
ratings as noted.

| Rating | CAS Number | Contaminant |
|---|---|---|
| C | 013466-78-9 | 3-Carene |
| C | 000080-56-8 | Alpha-pinene |
| C | 008006-64-2 | a-Terpene |
| B | 000075-07-0 | Acetaldehyde |
| C | 000067-64-1 | Acetone |
| A | 000107-02-8 | Acrolein |
| C | 000127-91-3 | Beta-pinene |
| A | 000071-43-2 | Benzene |
| B | 000156-59-2 | Cis-1,2-dichloroethylene |
| C | 004170-30-3 | Crotonaldehyde |
| A | 000050-00-0 | Formaldehyde |
| B | 000067-56-1 | Methanol |
| B | 000078-93-3 | Methyl Ethyl Ketone |

B 000075-09-2
Methylene Chloride
B 001330-20-7
m,p-Xylene
B 000095-47-6
o-Xylene
B 000108-95-2 Phenol
C 000123-38-6
Propionaldehyde
B 000100-42-5
Styrene
C 000108-88-3
Toluene
C 000110-62-3
Valeraldehyde

The environmental ratings noted above may be changed by the Department should any new or additional data becomes available. The facility shall maintain records of emissions, modeling analysis, stack test data, and any other pertinent information for the contaminants noted above.

The facilty shall perform a modeling analysis for the contaminants listed above if the emission rates for any of the contaminants increases or the facility performs a modification which results in the increase of any of the contaminants. At such time that a modeling analysis is performed, a written report of the modeling anaysis shall be submitted to the Department prior to the emission rate increase or modification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 12: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 12.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000 Emission Point: 00001

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

**Item 12.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The application submitted for the facility indicated a volatile organic compounds (VOC) emission rate of 8.55 pounds per hour from the dryer exhaust. The VOC emissions from the facility and the modeling analysis submitted with the application are based on the above emission rate. Therefore, the VOC emissions from the dryer exhaust will be limited to 8.55 pounds per hour.

The facility owner or operator shall conduct a stack test upon request by the Department in order to demonstrate compliance with this condition. Stack testing shall be performed in accordance with a Department approved protocol and 6 NYCRR Part 202-1, including prior notification of the stack testing and the submittal of the protocol and final report.

Upper Permit Limit: 8.55 pounds per hour
Reference Test Method: METHOD 25A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 13: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 13.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000 Emission Point: 00001

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

**Item 13.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The application submitted for the facility indicated a

formaldehyde emission rate of 0.683 pounds per hour from the dryer exhaust. The formaldehyde emissions from the facility and the modeling analysis submitted with the application are based on the above emission rate. Therefore, the formaldehyde emissions from the dryer exhaust will be limited to 0.683 pounds per hour.

The facility owner or operator shall conduct a stack test upon request by the Department in order to demonstrate compliance with this condition. Stack testing shall be performed in accordance with a Department approved protocol and 6 NYCRR Part 202-1, including prior notification of the stack testing and the submittal of the protocol and final report.

Upper Permit Limit: 0.683 pounds per hour
Reference Test Method: NCASI CI/WP-98.01
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 14: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 14.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000 Emission Point: 00001

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL

**Item 14.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The application submitted for the facility indicated a methanol emission rate of 1.77 pounds per hour from the dryer exhaust. The methanol emissions from the facility and the modeling analysis submitted with the application are based on the above emission rate. Therefore, the methanol emissions from the dryer exhaust will be limited to 1.77 pounds per hour.

The facility owner or operator shall conduct a stack test upon request by the Department in order to demonstrate

compliance with this condition. Stack testing shall be performed in accordance with a Department approved protocol and 6 NYCRR Part 202-1, including prior notification of the stack testing and the submittal of the protocol and final report.

Upper Permit Limit: 1.77 pounds per hour
Reference Test Method: NCASI CI/WP-98.01
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 15: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (c)**

**Item 15.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000
Process: 101

Emission Unit: 1-00000
Process: 102

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

**Item 15.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted by the facility at the request of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 16: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (c)**

**Item 16.1:**
The Compliance Demonstration activity will be performed for the Facility.

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

**Item 16.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility has demonstrated compliance with the particulate matter emission standard in 6 NYCRR Part 212.4(c) by limiting the exhaust fan speed to 2400 RPM or less using a variable frequency drive. In order to demonstrate continuous compliance with the particulate limit, the operating frequency for each variable frequency drive exhaust fan is limited to a maximum of 40 Hertz.

The facility owner or operator shall perform a daily check of each variable frequency drive and record the operating frequency. If a deviation is noted, the facility owner or operator shall investigate the cause of the deviation and take any appropriate corrective action.

Records kept pursuant to this condition must be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

Parameter Monitored: ELECTRICAL OUTPUT
Upper Permit Limit: 40 Hertz
Monitoring Frequency: DAILY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (c)**

**Item 17.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000
Process: 101 Emission Source: 00018

Emission Unit: 1-00000
Process: 102 Emission Source: 00019

Emission Unit: 1-00000
Process: 102 Emission Source: 00030

Emission Unit: 1-00000
Process: 102 Emission Source: 00031

Emission Unit: 1-00000
Process: 102 Emission Source: 00032

Emission Unit: 1-00000
Process: 102 Emission Source: 00033

Emission Unit: 1-00000
Process: 102 Emission Source: 00034

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

**Item 17.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility owner/operator shall operate and maintain the control equipment in accordance with the manufacturer's operating procedures, instructions, and requirements. A copy of the manufacturer's operating procedures, instructions and requirements shall be maintained with the permit for the facility at all times.

The facility owner/operator shall inspect the control equipment daily. If the control equipment is not operating as required, corrective action is required.

The facility owner/operator shall maintain a log and/or records which shall indicate, at a minimum, the results of the daily inspections, routine maintenance activities, and any repairs and/or corrective actions taken. The log and/or records are to be maintained on site for a period of five (5) years from the date of the last entry.

Monitoring Frequency: DAILY
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (c)**

**Item 18.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000 Emission Point: 00001

Emission Unit: 1-00000 Emission Point: 00002

Emission Unit: 1-00000 Emission Point: 00003

Emission Unit: 1-00000 Emission Point: 00004

Emission Unit: 1-00000 Emission Point: 00005

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

**Item 18.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

The facility contains four sets of pellet mills/pellet coolers each with its own associated emission point (Emission Points 00002, 00003, 00004, and 00005) and one dryer with one associated emission point (Emission Point 00001). The facility will be required to test one of the four emission points associated with the pellet mills/coolers and the emission point associated with the dryer.

The facility owner or operator shall conduct a stack test upon request by the Department in order to demonstrate compliance with this condition. Stack testing shall be performed in accordance with a Department approved protocol and 6 NYCRR Part 202-1, including prior notification of the stack testing and the submittal of the protocol and final report.

Upper Permit Limit: .050 grains per dscf
Reference Test Method: METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 19: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.4 (c)**

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

Emission Unit: 1-00000
Process: 101 Emission Source: 00018

Emission Unit: 1-00000
Process: 102 Emission Source: 00019

Emission Unit: 1-00000
Process: 102 Emission Source: 00030

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

**Item 19.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

The facility owner/operator shall check and record the pressure drop across the control equipment once daily. If the control equipment is not operating as required, corrective action is required.

The facility owner/operator shall maintain a log and/or records which shall indicate, at a minimum, the daily pressure readings for each control device, routine maintenance activities, and any repairs and/or corrective actions taken. The log and/or records are to be maintained on site for a period of five (5) years from the date of the last entry.

If requested by the Department, compliance shall be

determined by a stack test.

Parameter Monitored: PRESSURE
Lower Permit Limit: 0.5 inches of water
Upper Permit Limit: 5.0 inches of water
Monitoring Frequency: DAILY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.6 (a)**

**Item 20.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000
Process: 101

Emission Unit: 1-00000
Process: 102

**Item 20.2:**
Compliance Demonstration shall include the following monitoring:

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

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The facility owner/operator shall conduct a visible emissions check (determining the presence or absence of visible emissions greater than the limit specified) of all emission points and/or emission sources for which this condition applies once per day, during daylight hours, except during conditions of extreme weather (fog, snow, and/or rain). If any visible emissions are noted above the limit specified, corrective action is required.

Daily records of the visible emissions checks are to be maintained, including the date, time of observation, weather conditions, results of the visible emissions

checks, corrective actions, and explanations for days when weather conditions are prohibitive, on site for a period of five (5) years.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: DAILY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 212.6 (a)**

**Item 21.1:**
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-00000
Process: 101

Emission Unit: 1-00000
Process: 102

**Item 21.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 22: Compliance Demonstration**

**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (c)**

**Item 22.1:**
The Compliance Demonstration activity will be performed for the Facility.

**Item 22.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and operators of stationary combustion installations that fire solid fuel are limited to the firing of solid fuel with a sulfur content of 2.5 pounds per million Btu maximum, 1.9 pounds per million Btu* average, and 1.7 pounds per million Btu** annual average.

* Averages are computed for each emission source by dividing the total sulfur content by the total gross heat content of all solid fuel received during any consecutive three month period.

** Annual averages are computed for each emission source by dividing the total sulfur content by the total gross heat content of all solid fuel received during any consecutive 12-month period.

In order to demonstrate compliance with this condition, the facility owner or operator shall collect a sample of the solid fuel fired at the facility once per month and determine its sulfur content as described above. Should two consecutive monthly analyses indicate an exceedence, the facility owner or operator shall immediately begin collecting and testing samples on a daily basis. If, after a period of 90 days, the facility has not exceeded the sulfur limit described above, the facility may petition the Department in writing to resume monthly testing.

If 12 consecutive months of testing demonstrate compliance with this condition, the facility owner or operator may reduce the testing frequency to quarterly. Should a quarterly analysis indicate an exceedence, the facility owner or operator shall resume collecting and testing samples on a monthly basis.

If 8 consecutive quarterly tests demonstrate compliance with this condition, the facility owner or operator may reduce the testing frequency to annually. Should an annual analysis indicate an exceedence, the facility owner or

operator shall resume collecting and testing samples on a quarterly basis.

The facility owner or operator shall notify the Department in writing within 15 days of each change in monitoring frequency described in this condition.

Data collected pursuant to this condition must be tabulated and summarized in a form acceptable to the Department, and must be retained at the facility for a period of at least five years. Such records must be made available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: WOOD
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 2.5 pounds per million Btus
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 23: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (f)**

**Item 23.1:**
The Compliance Demonstration activity will be performed for the Facility.

**Item 23.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit

these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 HEATING 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 24: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (g)**

**Item 24.1:**
The Compliance Demonstration activity will be performed for the Facility.

**Item 24.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

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 25: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (h)**

**Item 25.1:**
The Compliance Demonstration activity will be performed for the Facility.

**Item 25.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

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

**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:** **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 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 only enforceable.**

**Condition 26: Contaminant List**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable State Requirement:ECL 19-0301**

**Item 26.1:**
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000050-00-0
Name: FORMALDEHYDE

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

CAS No: 000067-64-1
Name: DIMETHYL KETONE

CAS No: 000071-43-2
Name: BENZENE

CAS No: 000075-07-0
Name: ACETALDEHYDE

CAS No: 000075-09-2
Name: DICHLOROMETHANE

CAS No: 000078-93-3
Name: METHYL ETHYL KETONE

CAS No: 000080-56-8
Name: BICYCLO(3.1.1)HEPT-2-ENE, 2,6,6-TRIMETHYL C10H16

CAS No: 000095-47-6
Name: BENZENE,1,2-DIMETHYL

CAS No: 000100-42-5
Name: STYRENE

CAS No: 000107-02-8
Name: ACROLEIN

CAS No: 000108-88-3
Name: TOLUENE

CAS No: 000108-95-2
Name: PHENOL

CAS No: 000110-62-3
Name: VALERALDEHYDE

CAS No: 000123-38-6
Name: PROPIONALDEHYDE

CAS No: 000127-91-3
Name: BETA-PINENE

CAS No: 000156-59-2
Name: ETHENE, 1,2-DICHLORO-

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

CAS No: 001330-20-7
Name: XYLENE, M, O & P MIXT.

CAS No: 004170-30-3
Name: CROTONALDEHYDE

CAS No: 008006-64-2
Name: TURPENTINE

CAS No: 013466-78-9
Name: BICYCLO HEPT-3-ENE, 3,7,7-TRIMETHYL-

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

CAS No: 0NY075-00-5
Name: PM-10

CAS No: 0NY075-02-5
Name: PM 2.5

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

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

**Condition 27: Malfunctions and start-up/shutdown activities**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 27.1:**
(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 28: Emission Unit Definition**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 28.1:**
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 1-00000
Emission Unit Description:
This emission unit includes all the emission sources at the facility. The emission unit is defined as wood pellet manufacturing.

Building(s): 1
2
3

**Condition 29: Renewal deadlines for state facility permits**
**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 29.1:**
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 30: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

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

**Item 30.1:**
The Compliance Demonstration activity will be performed for the Facility.

**Item 30.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 4
1130 N. Westcott Rd.
Schenectady, NY 12306

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

**Condition 31: Visible Emissions Limited**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 31.1:**
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 32: Compliance Demonstration**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 32.1:**
The Compliance Demonstration activity will be performed for the Facility.

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

**Item 32.2:**
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility shall suppress fugitive dust in accordance with their fugitive dust control plan.

A copy of the fugitive dust control plan shall be maintained with the permit for the facility at all times. The facility wide fugitive dust plan should address loading and unloading of raw materials and product, dumping of raw materials and product, on site hauling of raw materials and product, on site roadways, conveying of raw materials and product, transfer points, storage piles, spillage, baghouse dust, silos, on site chipping, and anything else which could cause fugitive dust.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 33: Emission Point Definition By Emission Unit**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 33.1:**
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-00000

Emission Point: 00001
Height (ft.): 75 Diameter (in.): 46
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00002
Height (ft.): 34 Diameter (in.): 8
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00003
Height (ft.): 34 Diameter (in.): 8
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00004
Height (ft.): 34 Diameter (in.): 8
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00005
Height (ft.): 34 Diameter (in.): 8
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00006
Height (ft.): 21 Diameter (in.): 14
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00007
Height (ft.): 21 Diameter (in.): 14
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00008
Height (ft.): 60 Diameter (in.): 24
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00009
Height (ft.): 15 Diameter (in.): 8
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00010
Height (ft.): 57 Diameter (in.): 24
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00011
Height (ft.): 57 Diameter (in.): 24
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00012
Height (ft.): 44 Diameter (in.): 30
NYTMN (km.): 4655.362 NYTME (km.): 465.431

Emission Point: 00013
Height (ft.): 35 Length (in.): 24 Width (in.): 12
NYTMN (km.): 4655.362 NYTME (km.): 465.431

**Condition 34: Process Definition By Emission Unit**
**Effective between the dates of 02/23/2015 and 02/22/2025**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 34.1:**
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-00000
Process: 101 Source Classification Code: 3-07-999-98
Process Description:
Process 101 is defined as the drying of green wood to reduce the moisture content prior to pelletizing. This process consists of a green hammer mill, the wood fired burner, and rotary kiln dryer. The wood fired burner

provides heat to a kiln dryer where feed stock wood particles are fed to reduce their moisture content to approximately 12%. The maximum throughput of wood in the dryer is 15 oven dried tons (ODT) per hour. Exhaust gas from the dryer is sent to six cyclones where dried wood is separated from the combustion products laden gas stream. A portion of the exhaust is recirculated to the inlet of the dryer. The green hammer mill is equipped with a baghouse that will only operate when the green wood is particularly dry and/or emissions are visible.

*Maximum capacity is based on a maximum hourly rate of 15 ODT/hr and an annual limit of 113,880 ODT per year.

Emission Source/Control: 00001 - Combustion
Design Capacity: 50 million Btu per hour

Emission Source/Control: 00018 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00020 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00021 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00022 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00023 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00024 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00025 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00002 - Process
Design Capacity: 15 Oven dried tons per hour

Emission Source/Control: 00011 - Process
Design Capacity: 15 Oven dried tons per hour

**Item 34.2:**
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-00000
Process: 102 Source Classification Code: 3-07-999-98
Process Description:
Process 102 consists of pellet formation from previously

dried wood chips. The process involves one dry hammer mill, four pellet mills, four pellet coolers, four cyclones, a pellet packaging system, two baghouses, and three storage silos.

*Maximum capacity is based on a maximum hourly rate of 15 ODT/hr and an annual limit of 113,880 ODT per year.

Emission Source/Control: 00019 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00030 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00031 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00032 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00033 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00034 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00003 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00004 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00005 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00006 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00007 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00008 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00009 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00010 - Process
Design Capacity: 4 Oven dried tons per hour

Emission Source/Control: 00012 - Process
Design Capacity: 15 Oven dried tons per hour

Emission Source/Control: 00013 - Process
Design Capacity: 15 Oven dried tons per hour

Emission Source/Control: 00027 - Process

Emission Source/Control: 00028 - Process

Emission Source/Control: 00029 - Process

**Item 34.3:**
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-00000
Process: 103 Source Classification Code: 3-07-999-98
Process Description:
Process 103 consists of exhaust gas from the wood chipper engine.

Emission Source/Control: 00026 - Combustion
Design Capacity: 1,000 horsepower (electric)