

Facility DEC ID: 6302000024

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

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-3020-00024/00077
Effective Date: 07/01/2019 Expiration Date: 06/30/2029

Permit Issued To: B&B LUMBER COMPANY INC
PO Box 420
JAMESVILLE, NY 13078-0420

Facility: HARDEN RE LLC
8550 MILL POND WAY
MCCONNELLSVILLE, NY 13401

Description:

The purpose of this application is to generate a new State Facility Permit, which will replace the existing Title V Permit. The Title V Permit will be expired after this State Facility permit is issued.

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: TERRY R TYOE
NYSDEC - UTICA SUBOFFICE
207 GENESEE ST
UTICA, NY 13501-2885

Authorized Signature: _____ Date: ___ / ___ / ___

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Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

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Facility Level

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

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

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 6
SUBOFFICE - UTICA
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 6 Sub-office
Division of Environmental Permits
State Office Building, 207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Permit Issued To: B&B LUMBER COMPANY INC
PO Box 420
JAMESVILLE, NY 13078-0420

Facility: HARDEN RE LLC
8550 MILL POND WAY
MCCONNELLSVILLE, NY 13401

Authorized Activity By Standard Industrial Classification Code:
2421 - SAWMILLS & PLANING MILLS GENERAL
4961 - STEAM SUPPLY

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Permit Expiration Date: 06/30/2029

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- 25 25 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS

FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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

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required to operate such device effectively.

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

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: Recycling and Salvage - 6 NYCRR 201-1.7

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

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

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

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

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

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

Item H: Proof of Eligibility for Sources Defined as Trivial

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Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

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

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

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item K: Permit Exclusion - ECL 19-0305

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

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

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Non Applicable requirements
Effective between the dates of 07/01/2019 and 06/30/2029

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

Item 1.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6 NYCRR 201-3.3 (c)
 Reason: Per 6 NYCRR 201-3.3(c)(64), the (owned by B&B Lumber) sawmill at Harden RE LLC is trivial.

Condition 2: Facility Permissible Emissions
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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:

| | |
|-----------------------|------------------------------|
| CAS No: 000630-08-0 | PTE: 190,000 pounds per year |
| Name: CARBON MONOXIDE | |
| CAS No: 0NY075-00-5 | PTE: 190,000 pounds per year |
| Name: PM-10 | |

Condition 3: Capping Monitoring Condition
Effective between the dates of 07/01/2019 and 06/30/2029

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Applicable Federal Requirement: 6 NYCRR Subpart 201-7

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:
The Compliance Demonstration applies to:

| | |
|---------------------------|-----------------------|
| Emission Unit: B-OILER | Emission Point: 00016 |
| Emission Unit: B-OILER | Emission Point: 00600 |
| Regulated Contaminant(s): | |
| CAS No: 000630-08-0 | CARBON MONOXIDE |

Item 3.7:

Compliance Demonstration shall include the following monitoring:

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

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Monitoring Description:

CAP:

Facility owner shall ensure that the facility-wide emissions of carbon monoxide (CO), including those from permitted, exempt, and trivial sources, remain less than 190,000 pounds during any consecutive 365 day period.

RECORDS:

Facility owner shall maintain records that verify the facility's monthly CO emissions. These records shall be maintained at the facility for a minimum five year period. Reports shall be submitted annually, in a format acceptable to the Department, which document that the facility's CO emissions during any consecutive 365 day period were less than 190,000 pounds.

REPORTS:

Each Annual Monitoring Report shall include information that documents the CO emissions from each emission source at the facility, including exempt and trivial activities. If requested, the report shall also include all emission factors and other data used in calculating the monthly CO emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

Any noncompliance with the CO emission limit in this condition shall be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 190,000 pounds per year

Reference Test Method: EPA Reference Method 10

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 1/30/2020.

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

Condition 4: Capping Monitoring Condition
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

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)

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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:
The Compliance Demonstration applies to:

- Emission Unit: B-OILER Emission Point: 00016
- Emission Unit: B-OILER Emission Point: 00600
- Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

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:
CAP:
Facility owner shall ensure that facility-wide emissions of particulate matter that are less than 10 microns in mean aerodynamic diameter (PM-10), including those from permitted, exempt, and trivial sources, remain less than 190,000 pounds during any consecutive 365 day period.
- RECORDS:
Facility owner shall maintain records that verify the facility's monthly PM-10 emissions. These records shall be

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maintained at the facility for a minimum five year period.

REPORTS:

Reports shall be submitted annually, in a format acceptable to the Department, which document that the facility's PM-10 emissions during any consecutive 365 day period were less than 190,000 pounds. Each Annual Monitoring Report shall include information that documents the PM-10 emissions from each emission source at the facility, including exempt and trivial activities. If requested, the report shall also include all emission factors and other data used to calculate the monthly PM-10 emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

Any noncompliance with the PM-10 emission limit in this condition shall be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence.

Parameter Monitored: PM-10

Upper Permit Limit: 190,000 pounds per year

Reference Test Method: EPA Reference Methods 1 thru 5 + 202

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 1/30/2020.

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

Condition 5: Visible Emissions Limited
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 5.1:

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 6: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall establish a complaint response procedure to manage complaints related to air emissions from this facility. The procedure shall be designed to ensure that complaints from officials or neighbors are adequately received and documented, and that appropriate response is taken by the facility. The facility shall:

1. Have a complaint phone line available 24 hours a day, 7 days a week; the employment of an answering machine is acceptable.
2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstance which is found to be the cause of the complaint.
4. Fully document the complaint, results of investigation, and action taken.
5. Each Annual Monitoring Report shall indicate the status of this log, in a format acceptable to the Department. Facility shall report the number of complaints (even if zero) that have been logged throughout the reporting period.

Monitoring Frequency: DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 7: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement: 6 NYCRR 211.2

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, 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.

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Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) 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:
 - weather condition
 - was a plume observed?

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) two consecutive days, 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.

Parameter Monitored: OPACITY
 Upper Permit Limit: 57 percent
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: ONE CONTINUOUS 6-MINUTE PERIOD PER HOUR
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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Emission Unit: B-OILER
Process: BW3

Emission Source: MC602

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

Item 9.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Once per week, facility shall monitor and record the pressure drop across the two multicyclones on the 27.6 MMBtu/hr boiler (BW3). Any pressure drop excursion (WC>9.6") shall trigger root cause analysis and then follow-up corrective action.

Parameter Monitored: PRESSURE DROP
Upper Permit Limit: 9.6 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 10: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

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

Item 10.1:

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

Emission Unit: B-OILER
Process: BW2

Emission Source: ZM116

Emission Unit: B-OILER
Process: BW2

Emission Source: ZM216

Emission Unit: B-OILER
Process: BW3

Emission Source: MC601

Emission Unit: B-OILER
Process: BW3

Emission Source: MC602

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

Permit ID: 6-3020-00024/00077

Facility DEC ID: 630200024

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall inspect the particulate control devices (Zurn cyclones) at least once per two-year period. The results of these inspections (exactly what was inspected) shall be reported in each Annual Monitoring Report. Records shall be retained for a minimum five -year period.

Monitoring Frequency: EVERY TWO YEARS
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 12 calendar month(s).

Condition 11: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement:6 NYCRR 225-1.6 (a)

Item 11.1:

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

Emission Unit: B-OILER
 Process: BW2

Emission Unit: B-OILER
 Process: BW3

Regulated Contaminant(s):
 CAS No: 000630-08-0 CARBON MONOXIDE
 CAS No: 0NY210-00-0 OXIDES OF NITROGEN
 CAS No: 0NY075-00-0 PARTICULATES

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall monitor and record wood fuel consumption per month. These logs shall be retained for a minimum ten-year period. Facility shall submit a summary of this log in each Annual Monitoring Report.

Monitoring Frequency: MONTHLY
 Averaging Method: CALENDAR MONTH TOTAL
 Reporting Requirements: ANNUALLY (CALENDAR)

Permit ID: 6-3020-00024/00077

Facility DEC ID: 6302000024

Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 12 calendar month(s).

Condition 12: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement:6 NYCRR 227-1.2 (a) (4)

Item 12.1:

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

Emission Unit: B-OILER Emission Point: 00016
 Process: BW2

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

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility shall limit particulate emissions from Process BW2 to not more than 0.44 lbs per MMBtu/hr. The regulatory source of the 0.44 value is 6 NYCRR 228-1.2(a)(4) Table 1 using equation "b". Process BW2 is a wood-fired 41.54 MMBtu/hr boiler that is controlled by two Zurn muti-cyclones. This Process shall be performance tested by EPA Reference Methods 1 thru 5 plus 202 once per permit term. Facility shall submit an approvable stack test protocol no less than 30 days prior to the actual test date. At this writing in 2019, the last test was performed on 3/4/2014.

Upper Permit Limit: 0.44 pounds per million Btus
 Reference Test Method: EPA Reference Methods 1 thru 5 + 202
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 13: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement:6 NYCRR 227-1.2 (a) (4)

Item 13.1:

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

Permit ID: 6-3020-00024/00077

Facility DEC ID: 6302000024

Emission Unit: B-OILER Emission Point: 00600
 Process: BW3

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

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility shall limit particulate emissions from Process BW3 to not more than 0.48 lbs per MMBtu/hr. The regulatory source of the 0.48 value is 6 NYCRR 228-1.2(a)(4) Table 1 using equation "b". Process BW3 is a wood-fired 27.6 MMBtu/hr boiler that is controlled by two Zurn multi-cyclones. This Process shall be performance tested by EPA Reference Methods 1 thru 5 plus 202 once per permit term (once per ten years). Facility shall submit an approvable stack test protocol no less than 30 days prior to the actual test date. At this writing in 2019, the last test was performed on 3/4/2014.

Upper Permit Limit: 0.48 pounds per million Btus
 Reference Test Method: EPA Reference Methods 1 thru 5 + 202
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 14: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

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

Item 14.1:

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

Emission Unit: B-OILER Emission Point: 00016

Emission Unit: B-OILER Emission Point: 00600

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

Item 14.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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Facility DEC ID: 630200024

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.

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

The permittee shall conduct DAILY observations of visible emissions from the boiler stacks while those processes are in operation, when weather conditions permit. Proper boiler operation should exhibit low visible emissions except for a steam plume. After two consecutive days of opacity that exceeds the 'normal' or that could exceed 20%, facility shall perform a Reference Method 9 and also inform NYSDEC of that event.

Records of visible emission observations (or any follow-up Method 9 tests), investigations and corrective actions shall be kept on-site. Each monthly log sheet (12 sheets/year) shall be included in each Annual Monitoring Report.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: Observe plume daily, RM 9 per above text
 Monitoring Frequency: DAILY
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 12 calendar month(s).

Condition 15: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement: 6 NYCRR 227-2.4 (d)

Item 15.1:

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

Emission Unit: B-OILER
 Process: BW2

Emission Unit: B-OILER
 Process: BW3

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

Permit ID: 6-3020-00024/00077

Facility DEC ID: 6302000024

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall perform a boiler tune-up biennially (one tune-up per boiler per two-year period). The technical details of these tune-ups shall be retained for a minimum five-year period. Each Annual Monitoring Report shall include the status (what was done in these procedures) of tune-ups.

Monitoring Frequency: EVERY TWO YEARS
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 12 calendar month(s).

Condition 16: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement:40CFR 63.Table(2)(d), Subpart ZZZZ

Item 16.1:

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

| | |
|--|------------------------|
| Emission Unit: B-OILER Process: ENG | Emission Source: FIRE1 |
| Emission Unit: B-OILER Process: ENG | Emission Source: FIRE2 |
| Emission Unit: B-OILER Process: ENG | Emission Source: GEN01 |
| Emission Unit: B-OILER Process: ENG | Emission Source: GEN02 |
| Regulated Contaminant(s): CAS No: 0NY210-00-0 | OXIDES OF NITROGEN |

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

From Table 2d:
 Facility operates four exempt RICE engines; two are electrical gensets and two are fire pumps. Each of the four are less than 500 HP apiece. Facility shall perform

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the following maintenance on these emergency stationary compression ignition (CI) reciprocating internal combustion engines (RICE):

- 1) Change oil and filter every 500 hours of operation or annually, whichever comes first.
- 2) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.
- 3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first and replace as necessary.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

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

Condition 17: Emission Unit Permissible Emissions

Effective between the dates of 07/01/2019 and 06/30/2029

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 17.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: B-OILER

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 35.956 pounds per hour

190,000 pounds per year

CAS No: 0NY075-00-5

Name: PM-10

PTE(s): 19.134 pounds per hour

190,000 pounds per year

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 by 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 be demonstrated 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 permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner 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 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 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 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.

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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 18: Contaminant List

Effective between the dates of 07/01/2019 and 06/30/2029

Applicable State Requirement: ECL 19-0301

Item 18.1:

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

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

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

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

CAS No: 0NY210-00-0

Permit ID: 6-3020-00024/00077

Facility DEC ID: 6302000024

Name: OXIDES OF NITROGEN

Condition 19: Malfunctions and start-up/shutdown activities
Effective between the dates of 07/01/2019 and 06/30/2029**Applicable State Requirement:6 NYCRR 201-1.4****Item 19.1:**

(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 20: Emission Unit Definition
Effective between the dates of 07/01/2019 and 06/30/2029**Applicable State Requirement:6 NYCRR Subpart 201-5****Item 20.1:**

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

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Facility DEC ID: 6302000024

Emission Unit: B-OILER

Emission Unit Description:

This emission unit consists of the operation of two wood-fired boilers; wood fuel is produced onsite from a separately-owned (B&B Lumber) sawmill. PM emissions from each boiler are controlled by a dedicated set of two Zurn multiclones in series (four multicyclones total). Maximum heat input of boilers: Boiler #2 (middle boiler) = 41.54 MMBtu/hr, Boiler #3 (right side) = 27.6 MMBtu/hr. This emission unit also embodies the operation of emergency diesel engines for fire protection and for electricity generation. The boiler house has a third 14.6 MMBtu/hr boiler (former BW1, on the extreme left side) that is no longer permitted to operate due to its inability to pass a PM performance test.

Building(s): 15

Condition 21: Renewal deadlines for state facility permits
Effective between the dates of 07/01/2019 and 06/30/2029

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

Item 21.1:

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 22: Compliance Demonstration
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable State Requirement:6 NYCRR 201-5.3 (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: 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 6
 State Office Building
 317 Washington Ave.
 Watertown, NY 13601

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Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 12 calendar month(s).

Condition 23: Air pollution prohibited
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable State Requirement:6 NYCRR 211.1

Item 23.1:

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 24: Emission Point Definition By Emission Unit
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 24.1:

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

Emission Unit: B-OILER

Emission Point: 00016
 Height (ft.): 45 Diameter (in.): 42
 NYTMN (km.): 4791.95 NYTME (km.): 443.755 Building: 15

Emission Point: 00600
 Height (ft.): 50 Diameter (in.): 30
 NYTMN (km.): 4791.95 NYTME (km.): 443.776 Building: 15

Condition 25: Process Definition By Emission Unit
Effective between the dates of 07/01/2019 and 06/30/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 25.1:

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

Emission Unit: B-OILER

Permit ID: 6-3020-00024/00077

Facility DEC ID: 6302000024

Process: BW2 Source Classification Code: 1-03-009-02

Process Description:

This Process is the operation of Boiler #2. Wood fuel that is generated from the B&B Lumber sawmill is combusted to produce steam. PM emissions are controlled by two Zurn multiclones in series. Maximum heat input is 41.54 MMbtu/hr. This boiler is NOT subject to 40 CFR 60 Subpart Dc, due to installation prior to 6/9/89.

Emission Source/Control: WFB16 - Combustion
 Design Capacity: 41.54 million Btu per hour

Emission Source/Control: ZM116 - Control
 Control Type: MULTIPLE CYCLONE W/ FLY ASH INJECTION

Emission Source/Control: ZM216 - Control
 Control Type: MULTIPLE CYCLONE W/ FLY ASH INJECTION

Item 25.2:

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

Emission Unit: B-OILER
 Process: BW3 Source Classification Code: 1-03-009-02

Process Description:

This process is the operation of Boiler #3 (positioned on the extreme right side of the boiler house). Wood fuel that is generated from the B&B Lumber sawmill is combusted to produce steam; the maximum heat input is 27.6 MMbtu/hour. PM emissions are controlled with two cyclones in series. This boiler commenced operation on 1/1/1999, which was later than the 40 CFR 60 Subpart Dc threshold date of 6/9/1989, so this unit is subject to Subpart Dc, however due to <30MMBtu/hr size - Subpart Dc appears to have no applicable citations.

Emission Source/Control: WFB17 - Combustion
 Design Capacity: 27.6 million Btu per hour

Emission Source/Control: MC601 - Control
 Control Type: MULTIPLE CYCLONE W/ FLY ASH INJECTION

Emission Source/Control: MC602 - Control
 Control Type: MULTIPLE CYCLONE W/ FLY ASH INJECTION

Item 25.3:

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

Emission Unit: B-OILER
 Process: ENG Source Classification Code: 2-03-001-01

Process Description:

This process is the operation of emergency diesel engines to drive either emergency electrical generators or

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emergency water pumps for fire protection. These engines are exempt in Part 201-3, but subject to 40 CFR 63 Subpart ZZZZ. Note: The NYSDEC has not accepted delegation of Subpart ZZZZ, so enforcement of ZZZZ remains the domain of USEPA.

Emission Source/Control: FIRE1 - Combustion

Emission Source/Control: FIRE2 - Combustion

Emission Source/Control: GEN01 - Combustion

Emission Source/Control: GEN02 - Combustion

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Facility DEC ID: 6302000024