



Facility Identification Data

Name: LYONSDALE BIOMASS LLC
Address: MARMON LOWDALE & LYONSDALE RDS
LYONSDALE, NY 13433

Owner/Firm

Name: LYONSDALE BIOMASS LLC
Address: 3823 MARMON RD
LYONS FALLS, NY 13368, USA
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
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WATERTOWN, NY 13601
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Division of Air Resources:
Name: MATTHEW J POLGE
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Air Permitting Facility Owner Contact:
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3823 MARMON RD
LYONS FALLS, NY 13368
Phone:3153484208

Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

This application is an administrative ammendment to the existing permit to correct errors in the facility's emission limits.

Attainment Status

LYONSDALE BIOMASS LLC is located in the town of LYONSDALE in the county of LEWIS. The attainment status for this location is provided below. (Areas classified as attainment



are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	TRANSPORT REGION (NON-ATTAINMENT)
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

A 290 mmBtu per hour wood fired boiler. The facility is currently permitted to burn clean, unadulterated wood. The facility is subject to Title V, and 40 CFR 60, Subpart Db.

Permit Structure and Description of Operations

The Title V permit for LYONSDALE BIOMASS LLC is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.

A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

process - any device or contrivance which may emit air contaminants that is not included in the above categories.

LYONSDALE BIOMASS LLC is defined by the following emission unit(s):

Emission unit U00002 - This is the Cleaver Brooks backup boiler rated at 50.9 mmbtu/hr. This boiler fires No. 2 distillate oil.

Emission unit U00002 is associated with the following emission points (EP): 00002

It is further defined by the following process(es):

Process: 201EMISSION UNIT U-00002 IS THE CLEAVER BROOKS AUXILIARY BOILER WHICH FIRES DISTILLATE NO. 2 FUEL OIL.

Emission unit U00001 - U00001 is the Zurn main wood boiler rated at 290 mmbtu/hr.

Emission unit U00001 is associated with the following emission points (EP): 00001

It is further defined by the following process(es):

Process: 100 is located at Building PH - PROCESS 100 IS THE ZURN BOILER. THIS BOILER FIRES FUEL OIL IN AN AUXILIARY BURNER FOR STARTUP. THE MAIN FUEL IS WOOD (UNADULTERATED WOOD), AS DEFINED IN NYCRR PART 200.1(CG). THE OIL-FIRED BURNER CANNOT OPERATE CONCURRENTLY WITH THE WOOD EXCEPT DURING STARTUP, SHUTDOWN, AND MALFUNCTION.

Process: 10A is located at Building PH - PROCESS 004 INVOLVES THE COMBUSTION OF UNADULTERATED WOOD AND PALLET DERIVED WOOD. THE PALLET DERIVED WOOD SHALL MAKE UP EQUAL TO OR LESS THAN 30% BY WEIGHT OF THE TOTAL FUEL FED TO THE BOILER. PALLET DERIVED WOOD IS MATERIAL OBTAINED FROM CHIPPED WOODEN SHIPPING PALLETS, CRATES, AND SKIDS. THIS TYPE OF FUEL IS SUBJECT TO THE INSPECTION CRITERIA CONTAINED IN APPENDIX A.

Process: 10B is located at Building PH - This process is for the co-firing of an alternative fuel, non-recyclable fibrous material such as wax cardboard in combination with othe fuels in quantities up to and equal to 30% by weight of the boiler's fuel feed. Non-recyclable fibrous material may be in the form of pellets, extrusions, chips, shreds, or other shapes that provide suitable fuel management capability.

Title V/Major Source Status

LYONSDALE BIOMASS LLC is subject to Title V requirements. This determination is based on the following information:

Lyonsdale Power is a Title V major facility. To be classified as a Title V major facility, emissions from the facility must exceed 100 tons per year of NOx, CO, PM, and SO2. For VOCs, to be a Title V major, the facility must emit at least 50 tons per year. For Hazardous Air Pollutants (HAPs), you must exceed 10 tons per year, or 25 tons per year for all HAPs total. For lead, you must exceed 5 tons per year. Lyonsdale is major for the following pollutants: PM, NOx, and CO.

Program Applicability

The following chart summarizes the applicability of LYONSDALE BIOMASS LLC with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	YES
NSR (non-attainment)	NO



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
4911	ELECTRIC SERVICES
4931	ELEC & OTHER SERVICES COMBINED

SCC Codes

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
1-01-009-02	EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION ELECTRIC UTILITY BOILER - WOOD/BARK WASTE Wood/Bark Fired Boiler
1-02-005-01	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - DISTILLATE OIL Grades 1 and 2 Oil
1-02-009-03	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - WOOD/BARK WASTE
1-02-012-02	WOOD-FIRED BOILER (> 50,000 LB STEAM) EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - SOLID WASTE Refuse Derived Fuel

Facility Emissions Summary



In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. ONY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. ONY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
000592-41-6	1-HEXENE C6H12		> 0 but < 10 tpy
001746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	0.014	
000107-02-8	ACROLEIN		> 0 but < 10 tpy
007440-38-2	ARSENIC		> 0 but < 10 tpy
000071-43-2	BENZENE	2800	
007440-41-7	BERYLLIUM	10	
007440-43-9	CADMIUM	10	
001305-78-8	CALCIUM OXIDE		> 0 but < 10 tpy
000630-08-0	CARBON MONOXIDE	498000	
018540-29-9	CHROMIUM(VI)	6	
000100-41-4	ETHYLBENZENE		> 0 but < 10 tpy
000050-00-0	FORMALDEHYDE	1432	
ONY100-00-0	HAP		> 0 but < 2.5 tpy
001332-58-7	KAOLIN (CLAY)		> 0 but < 10 tpy
007439-92-1	LEAD		> 0 but < 10 tpy
007439-96-5	MANGANESE		> 0 but < 10 tpy
007439-97-6	MERCURY		> 0 but < 10 tpy
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS	80	
ONY210-00-0	OXIDES OF NITROGEN	498000	
ONY075-00-0	PARTICULATES		>= 100 tpy but < 250 tpy
000108-95-2	PHENOL		> 0 but < 10 tpy
ONY075-00-5	PM-10		>= 100 tpy but < 250 tpy
001336-36-3	POLYCHLORINATED BIPHENYL		> 0 but < 10 tpy
130498-29-2	POLYCYCLIC AROMATIC HYDROCARBONS	400	
009002-88-4	POLYETHYLENE		> 0 but < 10 tpy
007782-49-2	SELENIUM		> 0 but < 10 tpy
007446-09-5	SULFUR DIOXIDE		>= 2.5 tpy but < 10 tpy
000108-88-3	TOLUENE		> 0 but < 10 tpy
ONY998-00-0	VOC		> 0 but < 2.5 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Emergency Defense - 6NYCRR Part 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;



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

(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 B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part

201-1.10(b)

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

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part

201-6.3(a)(4)

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

Item D: Certification by a Responsible Official - 6 NYCRR Part

201-6.3(d)(12)

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

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part

201-6.5(a)(2)

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

Item F: Permit Revocation, Modification, Reopening, Reissuance or

Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR

Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

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

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)



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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item 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,



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

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.
NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: 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.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description
FACILITY		79	Powers and Duties of the Department with respect to air pollution control
FACILITY	40CFR 52-A.21	32, 33, 34, 35	Prevention of Significant Deterioration
U-00001 Prevention of Significant	40CFR 52-A.21	49, 50, 53, 54, 1	-3, 1 -4, 1 -5, 1 -6
U-00002	40CFR 52-A.21	78	Deterioration Prevention of Significant Deterioration
FACILITY	40CFR 52-A.21(j)(1)	36	
FACILITY	40CFR 60-A.11	43	General provisions - compliance with standards and maintenance requirements
FACILITY	40CFR 60-A.13	44	General provisions - Monitoring requirements
FACILITY	40CFR 60-A.4	37	General provisions - Address
FACILITY	40CFR 60-A.7(b)	38	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(c)	39	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(d)	40	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(f)	41	Notification and



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

FACILITY	40CFR 60-A.9	42	Recordkeeping General provisions - Availability of information
U-00001/-/100	40CFR 60-Db.42b(j)	65	Exemption from Standards for Sulfur Dioxide.
U-00001	40CFR 60-Db.43b(c) (1)	1 -7	Standard for Particulate Matter Firing Greater Than 30% Wood.
U-00001/-/100	40CFR 60-Db.43b(c) (1)	66	Standard for Particulate Matter Firing Greater Than 30% Wood.
U-00001/-/100	40CFR 60-Db.43b(e)	67	Standard for Particulate Matter Capacity Factor.
U-00001/-/100	40CFR 60-Db.43b(f)	68	Standard for Particulate Matter Opacity.
U-00001	40CFR 60-Db.43b(g)	56	Standard for Particulate Matter Exemption.
U-00001/-/100	40CFR 60-Db.45b(d)	69	Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.
U-00001/-/100	40CFR 60-Db.45b(j)	70	Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.
U-00001/-/100	40CFR 60-Db.46b	71	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U-00001/-/100	40CFR 60-Db.47b(f)	72	Exemption from Emission Monitoring for Sulfur Dioxide.
U-00001	40CFR 60-Db.48b(a)	57	Emissions Monitoring for Particulate Matter and Nitrogen Oxides.
U-00001	40CFR 60-Db.48b(f)	58	Emission Monitoring for Particulate Matter and Nitrogen Oxides.
U-00001	40CFR 60-Db.49b	59	Reporting and Recordkeeping Requirements.
FACILITY	40CFR 60-Db.49b(d)	45	Reporting and Recordkeeping Requirements.
U-00001	40CFR 60-Db.49b(f)	60	Reporting and Recordkeeping Requirements.
U-00001	40CFR 60-Db.49b(h)	61	Reporting and Recordkeeping Requirements.
U-00001/-/100	40CFR 60-Db.49b(r)	73	Reporting and Recordkeeping Requirements.
U-00001	40CFR 64	62, 63	COMPLIANCE ASSURANCE MONITORING
FACILITY	40CFR 68	21	Chemical accident prevention provisions
FACILITY	40CFR 82	46	Protection of Stratospheric Ozone
FACILITY	40CFR 82-F	22	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	
FACILITY	6NYCRR 201-1.4	80	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	
FACILITY	6NYCRR 201-1.8	12, 1 -1	Prohibition of reintroduction of collected contaminants to the air



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

FACILITY	6NYCRR 201-3.2 (a)	13	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3 (a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	23, 47, 48	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5 (a) (4)	15	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (a) (7)	2	
FACILITY	6NYCRR 201-6.5 (a) (8)	16	
FACILITY	6NYCRR 201-6.5 (c)	3	
FACILITY	6NYCRR 201-6.5 (c) (2)	4	
FACILITY	6NYCRR 201-6.5 (c) (3) (ii)	5	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (d) (5)	17	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 201-6.5 (e)	6	
FACILITY	6NYCRR 201-6.5 (f) (6)	18	
FACILITY	6NYCRR 201-7.1	1 -2	
U-00001	6NYCRR 201-7.1	1 -3, 1 -4, 1 -5, 1 -6	
FACILITY	6NYCRR 202-1.1	19	Emissions Caps
FACILITY	6NYCRR 202-1.2	24	Emission Statements - Applicability
FACILITY	6NYCRR 202-1.3	25, 26, 27	
FACILITY	6NYCRR 202-2.1	7	
FACILITY	6NYCRR 202-2.5	8	
FACILITY	6NYCRR 211.2	81	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.3	20	General Prohibitions - air pollution prohibited.
FACILITY	6NYCRR 215	9	General Prohibitions - visible emissions limited
FACILITY	6NYCRR 225-1.4	28	Exceptions contingent upon fuel shortage.
FACILITY	6NYCRR 225-1.6 (b)	29	Emission and fuel monitoring.
FACILITY	6NYCRR 225-1.7	30	
U-00001/-/100	6NYCRR 227.2 (b) (1)	64	Smoke Emission Limitations.
U-00002	6NYCRR 227.2 (b) (1)	77	
U-00002	6NYCRR 227-1.3	75	
U-00001/00001	6NYCRR 227-1.3 (a)	74	Smoke Emission Limitations.
U-00002	6NYCRR 227-1.3 (a)	76	Smoke Emission Limitations.
FACILITY	6NYCRR 227-2.1	31	

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-301.

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.



6NYCRR Part 200-.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to 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.

6NYCRR Part 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes,



this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR 201-6.5(a)(4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6NYCRR 201-6.5(a)(7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6NYCRR 201-6.5(a)(8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6NYCRR Part 201-6.5(c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(c)(3)(ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 201-6.5(d)(5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.



6NYCRR Part 201-6.5(e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR 201-6.5(f)(6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6NYCRR Part 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6NYCRR Part 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR Part 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6 NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

40 CFR Part 68.

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of



appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, LYONSDALE BIOMASS LLC has been determined to be subject to the following regulations:

40CFR 52-A.21

This citation applies to facilities that are subject to Prevention of Significant Deterioration provisions; ie: facilities that are located in an attainment area and that emit pollutants which are listed in 40 CFR 52.21(b)(23)(i) .

40CFR 52-A.21 (j) (1)

BACT determinations are made on a case-by-case basis and can be no less stringent than any requirement that exists in the current State Implementation Plan (SIP) or 40 CFR 60 and 61. Emission and operational limitations required from a BACT determination will have to be entered into the special permit conditions, separately by the permit reviewer.

40CFR 60-A.11

This regulation specifies the type of opacity monitoring requirements in relation to compliance with the standards and maintenance requirements.

40CFR 60-A.13

This regulation specifies how monitoring shall be performed and which methods and appendices are used to determine if the monitoring is adequate and in compliance with the regulated standards.

40CFR 60-A.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40CFR 60-A.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40CFR 60-A.7 (c)

This requirement details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

40CFR 60-A.7 (d)

This condition specifies the required information and format for a summary report form and details when either a summary form and/or excess emissions reports are required.

40CFR 60-A.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on



these systems or devices for at least two years.

40CFR 60-A.9

This rule citation allows the public access to any information submitted to the EPA Administrator (or state contact), in conjunction with a project subject to this section of the regulation.

40CFR 60-Db.42b (j)

This condition outlines the requirements that Lyonsdale must use to demonstrate that the fuel oil used meet the definition of very low sulfur oil.

40CFR 60-Db.43b (c) (1)

Lyonsdale is subject to and must meet the particulate limits requirements of 40 CFR 60, Subpart Db. The limit for facilities with wood capacity factor of 30% or greater is 0.10 lb/mmBtu.

40CFR 60-Db.43b (e)

Since the Lyonsdale facility is subject to 40 CFR 60, Subpart Db, the facility must calculate the annual capacity factor for each fuel combusted. This section explains how this is accomplished.

40CFR 60-Db.43b (f)

This regulation specifies maximum allowable opacity for affected sources. The opacity of the emission may not exceed 20%, except for one six minute period when the maximum opacity may not exceed 27%.

40CFR 60-Db.43b (g)

This regulation specifies that the particulate matter and opacity standards apply at all times, except during periods of startup, shutdown or malfunction.

40CFR 60-Db.45b (d)

This condition requires that the Peabody auxiliary burner is allowed to contribute only 10% of the total annual heat input of the facility

40CFR 60-Db.45b (j)

This regulation specifies that owner or operators that combust very low sulfur oil are not subject to compliance and performance testing requirements for Sulfur Dioxide if they obtain fuel receipts as described in 40 CFR 60.49b(r)

40CFR 60-Db.46b

This section sets the compliance and performance test methods and procedures for emissions of particulate matter and oxides of nitrogen.

40CFR 60-Db.47b (f)

Facilities combusting very low sulfur oil are not subject to emission monitoring requirements of the section if they obtain fuel receipts as described in 40 CFR 60-Db.49b(r).

40CFR 60-Db.48b (a)

Lyonsdale is subject to and must meet the requirements of 40 CFR 60, Subpart Db. This particular section requires subject facilities to install, calibrate and maintain an continuous opacity monitor.

40CFR 60-Db.48b (f)

This regulation requires that standby methods of obtaining minimum emissions data for oxides of nitrogen be specified by the source owner or operator.



40CFR 60-Db.49b

This rule specifies the reporting and recordkeeping requirements for affected steam generating units.

40CFR 60-Db.49b (d)

This subdivision requires reporting and recordkeeping for affected steam generating units - annual fuel capacity factors.

40CFR 60-Db.49b (f)

Lyonsdale is subject to the opacity requirements of 40 CFR 60.43b and therefore must maintain opacity records.

40CFR 60-Db.49b (h)

Since Lyonsdale is subject to requirements of 40 CFR 60.43b(e), they must submit quarterly reports showing any excess emissions from the facility.

40CFR 60-Db.49b (r)

This regulation specifies that owner or operators that combust very low sulfur oil are required to obtain fuel receipts. The oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Reports shall be submitted to the Administrator certifying that only very low sulfur oil meeting this definition was combusted

40CFR 64

The federal Compliance Assurance Monitoring (CAM) rule, 40 CFR Part 64, requires monitoring of control device, capture system, and/or process parameters to provide a reasonable assurance of compliance with emission limitations or standards. It applies to emission units that use a control device to comply with certain standards and limitations and that have potential pre-control device emissions equal to or greater than a major source threshold.

Acid Rain program requirements; stratospheric ozone protection requirements; post-1990 New Source Performance Standards, Emission Guidelines, and National Emission Standards for Hazardous Air Pollutants; and some other limitations are exempt from CAM. However, many of the exempt requirements are subject to less stringent periodic monitoring under 40 CFR Part 70 and 6NYCRR Subpart 201-6.

40CFR 82

The purpose of this regulation is to implement standards on the protection of stratospheric ozone through the control of chloroflourocarbons (CFCs).

6NYCRR 201-6.5 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 201-7.1

This regulation sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is to limit emissions of NOx and CO from the main wood boiler.

6NYCRR 202-1.2

This regulation specifies that the department is to be notified at least 30 days in advance of any required stack test. The notification is to include a list of the procedures to be used that are acceptable to the department. Finally, free access to observe the stack test is to be provided to the department's representative.

6NYCRR 202-1.3



This regulation requires that any emission testing, sampling and analytical determination used to determine compliance must use methods acceptable to the department. Acceptable test methods may include but are not limited to the reference methods found in 40 CFR Part 60 appendix A and Part 61, appendix B. Alternate methods may be also be used provided they are determined to be acceptable by the department. Finally, unless otherwise specified, all emission test reports must be submitted within 60 days after completion of testing.

6NYCRR 225-1.4

This regulation allows the Commissioner of the NYSDEC to issue an order granting a temporary variance from the sulfur-in-fuel limitations in 6 NYCRR Part 225-1 where it can be shown, to the commissioner's satisfaction, that there is an insufficient supply of conforming fuel, either of the proper type required for use in a particular air contamination source or generally throughout an area of the State.

6NYCRR 225-1.6 (b)

This regulation requires that as of January 1, 1988 any person who buys, sells, offer for sale, or uses fuel must comply with the percent sulfur requirements specified in section 6 NYCRR 225-1.2 .

6NYCRR 225-1.7

This regulation requires the use of continuous emissions monitors to monitor the emissions of sulfur dioxide. This applies to facilities with a total heat input greater than 250 million BTU per hour, are equipped with approved sulfur dioxide control equipment and are subject to the sulfur dioxide equivalent emission rate pursuant to 6 NYCRR Part 225-1.5(a).

6NYCRR 227 .2 (b) (1)

This regulation is from the 1972 version of Part 227 and still remains as part of New York's SIP. The rule establishes a particulate limit of 0.10 lbs/mmBtu based on a 2 hour average emission for any oil fired stationary combustion installation.

6NYCRR 227-1.3

This regulation requires a limitation and compliance monitoring for opacity from a stationary combustion installation.

6NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6NYCRR 227-2.1

This condition notes that a facility is subject to the reasonably available control technology (RACT) for oxides of nitrogen (NOx).

Compliance Certification

Summary of monitoring activities at LYONSDALE BIOMASS LLC:

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring
FACILITY	32	work practice involving specific operations
FACILITY	33	work practice involving specific operations
FACILITY	34	work practice involving specific operations
FACILITY	35	record keeping/maintenance procedures



Permit Review Report

Permit ID: 6-2338-00012/00004

Renewal Number: 1

Modification Number: 1 03/03/2009

U-00001	49	record keeping/maintenance procedures
U-00001	50	record keeping/maintenance procedures
U-00001	53	monitoring of process or control device parameters as surrogate
U-00001	54	work practice involving specific operations
U-00002	78	intermittent emission testing
U-00001	1-7	intermittent emission testing
U-00001/-/100	68	monitoring of process or control device parameters as surrogate
U-00001/-/100	69	record keeping/maintenance procedures
U-00001/-/100	70	record keeping/maintenance procedures
U-00001	57	monitoring of process or control device parameters as surrogate
FACILITY	45	record keeping/maintenance procedures
U-00001	60	record keeping/maintenance procedures
U-00001	61	record keeping/maintenance procedures
U-00001/-/100	73	record keeping/maintenance procedures
U-00001	62	record keeping/maintenance procedures
U-00001	63	monitoring of process or control device parameters as surrogate
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
U-00001	1-3	continuous emission monitoring (cem)
U-00001	1-4	continuous emission monitoring (cem)
U-00001	1-5	continuous emission monitoring (cem)
U-00001	1-6	continuous emission monitoring (cem)
FACILITY	7	record keeping/maintenance procedures
U-00001/-/100	64	intermittent emission testing
U-00002	77	intermittent emission testing
U-00002	75	monitoring of process or control device parameters as surrogate
U-00001/00001	74	monitoring of process or control device parameters as surrogate
U-00002	76	monitoring of process or control device parameters as surrogate

Basis for Monitoring**BASIS FOR MONITORING**

Condition 2-4 - This condition requires Lyonsdale to provide compliance reporting every six months.

Condition 2-5 - This condition requires Lyonsdale to certify compliance reporting on an annual basis.

Condition 34 - Lyonsdale must submit to the department a list of contaminants emitted and the amount of each



contaminant emitted.

Condition 2-6 - This condition limits NOx emissions from the facility to 249 tons per year while burning oil in the facility thereby avoiding applicability to 40 CFR 52.21.

Condition 2-7 - This condition limits CO emissions from the facility to 249 tons per year avoiding applicability to 40 CFR 52.21

Condition 2-8 - This condition requires Lyonsdale to record NOx and CO emissions from the facility and showing compliance with the 249 tons per year caps.

Condition 2-9 - This condition limits CO emissions from the facility to 249 tons per year while burning oil avoiding applicability to 40 CFR 52.21

Condition 2-10 - This condition limits CO emissions from the facility to 249 tons per year avoiding applicability to 40 CFR 52.21

Condition 46 - This condition limit fuel oil nitrogen to 0.30 % by weight.

Condition 50 - This condition from 40 CFR 60, Subpart Db requires the facility to monitor and record the amount of each type of fuel used.

Condition 2-20 - This condition requires the facility to operate a Continuous Emission Monitor (CEM) to ensure that NOx emissions are limited to 0.20 lb/mmbtu and 58.05 lb/hr.

Condition 2-21 - This condition requires the facility to operate a Continuous Emission Monitor (CEM) to ensure that CO emissions are limited to 0.20 lb/mmbtu and 58.05 lb/hr.

Condition 60 - This condition does not allow the facility to operate the Zurn Boiler and the auxiliary burner except for startup and shutdown.

Condition 63 - This condition does not allow the facility to operate the Zurn Boiler (EU-00001) and the auxiliary boiler (EU-00002) except startup, shutdown and transitions not to exceed 6 hours.

Condition 64 - This condition requires the facility to limit the heat input to the Zurn boiler to 2,442,960 mmbtu per year. Records must be maintained to show compliance.

Condition 2-22 - This condition required initial stack testing of the Zurn boiler to demonstrate compliance with 0.10 lb/mmbtu and 29.03 lb/hr limits.

Condition 2-23 - This condition limits opacity to 20% on a six minute average with the exception of one six minute average per hour of 27%. This condition is a surrogate parameter to demonstrate compliance with the particulate limits.

Condition 2-26 - Lyonsdale must maintain records showing the opacity measurements from the CEM. These records must be submitted to DEC on a quarterly basis.

Condition 2-27 - Lyonsdale must submit to the department records showing the excess NOx, SO2, and opacity



emissions in accordance with 40 CFR 60 Subpart Db.

Condition 2-28 - This condition limits opacity to 20% on a six minute average with the exception of one six minute average per hour of 27%. This condition is a surrogate parameter to demonstrate compliance with the particulate limits from 40 CFR 60, Subpart Db.

Condition 2-29 - Lyonsdale must limit operation of the Peabody auxiliary burner (within the Zurn main boiler) to 10% or less of the total heat input to the Zurn main boiler. Records demonstrating compliance with this condition must be maintained for at least 3 years.

Condition 2-30 - A facility combusting low sulfur oil must retain fuel records from their oil supplier to avoid having to perform stack testing according to 40 CFR 60, Subpart Db.

Condition 2-32 - This condition requires the facility combusting low sulfur oil must retain fuel records from their oil supplier.

Condition 2-33 - This condition limits particulates to 0.10 lb/mmbtu and requires stack testing once during the term of the permit. This condition is less stringent than condition 2-22 which has the same emission limit but a longer averaging period.

Condition 2-34 - The facility must have 2 people certified in EPA Method 9, opacity reading. One of these people must be at the plant during daylight when the boiler is operating.

Condition 98 - This condition limits EU-00001 opacity to 20% on a six minute average with the exception of one six minute average per hour of 27%. This condition is a surrogate parameter to demonstrate compliance with the particulate limits.

Condition 2-35 - This condition limits EU-00002 opacity to 20% on a six minute average with the exception of one six minute average per hour of 27%. This condition is a surrogate parameter to demonstrate compliance with the particulate limits.

Condition 2-36 - This condition for initial stack testing purposes limits NO_x emissions from EP-00002 to 0.30 lb/mmbtu and 15.27 lb/hr.

Condition 2-37 - This condition for initial stack testing purposes limits CO emissions from EP-00002 to 0.30 lb/mmbtu and 15.27 lb/hr.

Condition 2-38 - This condition limits particulates to 0.10 lb/mmbtu and requires stack testing once during the term of the permit.

New York State Department of Environmental Conservation



Permit ID: 6-2338-00012/00004

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Modification Number: 1 03/03/2009