



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-0220-00042/00002
Effective Date: 09/03/2002 Expiration Date: No expiration date

Permit Issued To: ALFRED UNIVERSITY
SAXON DR
ALFRED, NY 14802

Contact: WILLIAM DILLON
ALFRED UNIVERSITY
SAXON DRIVE
ALFRED, NY 14802
(607) 871-2154

Facility: ALFRED UNIVERSITY HEATING PLANT
SAXON DRIVE
ALFRED, NY 14802

Description:

ALFRED UNIVERSITY IS LOCATED IN ALFRED, NY - ALLEGANY COUNTY. IT IS A RESIDENTIAL, COEDUCATIONAL INSTITUTION OFFERING HIGHER EDUCATION. THE UNIVERSITY IS PLANNING ON INSTALLING TWO NEW 16 MMBtu/HR BOILERS TO REPLACE AN EXISTING 35 MMBtu/HR UNIT THAT IS ALREADY BEING DISASSEMBLED. THIS PROJECT REQUIRES AN AIR STATE FACILITY (ASF) PERMIT BECAUSE THE TWO NEW BOILERS ARE SUBJECT TO 40CFR PART 60 SUBPART Dc - STANDARDS OF PERFORMANCE FOR SMALL INDUSTRIAL - COMMERCIAL- INSTITUTIONAL STEAM GENERATING UNITS.

THE NEW BOILERS WILL BURN NATURAL GAS WITH NO. 2 OIL AS A BACKUP. ADDITIONALLY, THERE IS AN EXISTING BACKUP 40 MMBtu/HR BOILER THAT BURNS NATURAL GAS ONLY. SUBPART Dc DOES NOT APPLY TO THIS LATTER BOILER BECAUSE THE BOILER WAS BUILT IN 1970 - A DATE THAT PRECEDES THE APPLICABLE DATE FOR SUBPART Dc.

ALL OTHER COMBUSTION EQUIPMENT AT THE FACILITY ARE LESS THAN 10 MMBtu/HR HEAT INPUT CAPACITY AND ARE, THEREFORE, EXEMPT FROM PERMITTING AS PER 6NYCRR PART 201-3.2(c)(1). IN ADDITION, EMISSIONS FROM ALL KILNS, GLASS FURNACES, ART STUDIOS AND LABORATORY HOODS ARE A RESULT OF TEACHING AND TRAINING EXERCISES AND THIS FACILITY DOES NOT ENGAGE IN COMMERCIAL SALE OF ITS PRODUCTS. THEREFORE, THESE LATTER SOURCES ARE EXEMPT FROM PERMITTING AS PER 6NYCRR PART 201-3.3(c)(32). THERE ARE FOUR (4) EMERGENCY NATURAL GAS GENERATORS ON CAMPUS THAT ARE EACH USED LESS THAN 500



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HOURS PER YEAR. THESE FOUR GENERATORS ARE EXEMPT FROM PERMITTING AS PER 6NYCRR PART 201-3.2(c)(6). THE FACILITY WILL KEEP A MONTHLY LOG OF THEIR OPERATING TIME AND WILL CALCULATE MONTHLY A 12 MONTH ROLLING TOTAL OF THEIR OPERATING TIME.

THE POTENTIAL TO EMIT (PTE) FOR EACH APPLICABLE POLLUTANT IS BELOW THE THRESHOLD VALUE FOR MAJOR SOURCE DESIGNATION. IT THEN FOLLOWS THAT THE UNIVERSITY IS EXEMPT FROM TITLE V PERMITTING REQUIREMENTS AND FEDERALLY ENFORCEABLE PERMIT CONDITIONS LIMITING EMISSIONS ARE NOT NECESSARY

This permit includes the following requirements for the boilers:

- 1.) Limits smoke emissions to 20% opacity for all boilers as per 6 NYCRR Part 227-1.3(a).
- 2.) Limits sulfur in fuel oil burned in the two new 16 MM Btu/hr boilers to 0.5% as per 40 CFR 60.42c(d).
- 3.) Record and maintain records of the amount of each fuel burned in each of the two new boilers each day as per 40 CFR 60.48(g)
- 4.) Submit a semi-annual report to the Environmental Protection Agency (EPA), Region 2 Office with a copy to the DEC Region 9 Office which includes the amount of each fuel burned in each of the two new boilers each day, the fuel supplier certification and a written statement by the owner certifying that the records of the supplier represent all of the fuel combusted during the each semi-annual period.
- 5.) Submit an initial notification to the Environmental Protection Agency (EPA), Region 2 Office with a copy to the DEC Region 9 Office This notification shall include the date of construction, anticipated startup, and actual startup. This submittal must also include the design heat input capacity and the types of fuels to be burned.
- 6.) All records must be maintained on-site for a period of five years and make them available to representatives of the Department upon request.

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: DAVID S DENK
 DIVISION OF ENVIRONMENTAL PERMITS
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2999

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 9
HEADQUARTERS



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 and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

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

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transfer of ownership.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right 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 Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165



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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Permit Issued To: ALFRED UNIVERSITY
SAXON DR
ALFRED, NY 14802

Facility: ALFRED UNIVERSITY HEATING PLANT
SAXON DRIVE
ALFRED, NY 14802

Authorized Activity By Standard Industrial Classification Code:
8221 - COLLEGES AND UNIVERSITIES, NEC

Permit Effective Date: 09/03/2002

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Emission Unit Level

EU=U-BOLRS

- 1 6NYCRR 227-1.3(a): Compliance Demonstration
- 2 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration

EU=U-BOLRS,Proc=OIL,ES=116MM

- 3 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration

EU=U-BOLRS,Proc=OIL,ES=216MM

- 4 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration

EU=U-BOLRS,EP=00001,Proc=GAS,ES=116MM

- 5 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

EU=U-BOLRS,EP=00001,Proc=GAS,ES=216MM

- 6 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

EU=U-BOLRS,EP=00001,Proc=OIL,ES=116MM

- 7 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 8 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

EU=U-BOLRS,EP=00001,Proc=OIL,ES=216MM

- 9 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 10 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 11 ECL 19-0301: Contaminant List
- 12 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 13 6NYCRR 201-5: Emission Unit Definition
- 14 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 15 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 16 6NYCRR 201-5: Process Definition By Emission Unit



FEDERALLY ENFORCEABLE CONDITIONS

****** Emission Unit 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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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

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

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

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

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

Item E: Emergency Defense - 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;

(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



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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

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

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

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

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

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

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 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



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

Item J: Required Emission Tests - 6 NYCRR Part 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 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item L: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item M: 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



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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 N: Federally Enforceable Requirements - 40 CFR 70.6(b)

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

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Compliance Demonstration
Effective between the dates of 09/03/2002 and Permit Expiration Date

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

Item 1.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

NO OWNER OR OPERATOR OF A COMBUSTION
INSTALLATION SHALL EMIT GREATER THAN 20

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PERCENT OPACITY EXCEPT ONE SIX MINUTE
PERIOD PER HOUR, NOT TO EXCEED 27
PERCENT, BASED UPON THE SIX MINUTE
AVERAGE IN REFERENCE TEST METHOD 9 AN
APPENDIX A OF 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2: Compliance Demonstration
Effective between the dates of 09/03/2002 and Permit Expiration Date

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

Item 2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1.) For the two new 16 MMBtu/hr boilers, the facility owner shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

2.) All initial and semi-annual reports must be submitted to the EPA Administrator and a copy to the Department at the following addresses:

Environmental Protection Agency (EPA)
Air Programs
Region 2
290 Broadway
New York, NY 10007-1866

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Department of Environmental Conservation
Division of Air Resources
270 Michigan Avenue
Buffalo, New York 14203 - 2999

3.) All records must be maintained on-site for a period of five years and make them available to representatives of the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3: Compliance Demonstration
Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.42c(d), NSPS Subpart Dc

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS
Process: OIL Emission Source: 116MM

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.



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

Condition 4: Compliance Demonstration
Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.42c(d), NSPS Subpart Dc

Item 4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS

Process: OIL Emission Source: 216MM

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 5: Compliance Demonstration
Effective between the dates of 09/03/2002 and Permit Expiration Date

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

Item 5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS Emission Point: 00001



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Process: GAS

Emission Source: 116MM

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 6: Compliance Demonstration

Effective between the dates of 09/03/2002 and Permit Expiration Date

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

Item 6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS Emission Point: 00001

Process: GAS Emission Source: 216MM

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.



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

Condition 7: Compliance Demonstration
Effective between the dates of 09/03/2002 and Permit Expiration Date

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

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS Emission Point: 00001
Process: OIL Emission Source: 116MM

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1.) Records of distillate fuel oil certification as described under paragraph 2 below shall be submitted semi-annually. In addition to records of fuel supplier certifications, the semiannual report shall include a certified statement signed by the owner of the affected facility that the records of fuel supplier certifications represent all of the fuel oil combusted during the half.

2.) Fuel supplier certification shall include:

- (a) The name of the oil supplier and
- (b) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in section 60.41c

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 8: Compliance Demonstration
Effective between the dates of 09/03/2002 and Permit Expiration Date

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

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Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS Emission Point: 00001
Process: OIL Emission Source: 116MM

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 9: Compliance Demonstration

Effective between the dates of 09/03/2002 and Permit Expiration Date

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

Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS Emission Point: 00001
Process: OIL Emission Source: 216MM

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1.) Records of distillate fuel oil certification as described under paragraph 2 below shall be submitted semi-annually. In addition to records of fuel supplier



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certifications, the semiannual report shall include a certified statement signed by the owner of the affected facility that the records of fuel supplier certifications represent all of the fuel oil combusted during the half.

2.) Fuel supplier certification shall include:

- (a) The name of the oil supplier and
- (b) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in section 60.41c

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 10: Compliance Demonstration

Effective between the dates of 09/03/2002 and Permit Expiration Date

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

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BOLRS Emission Point: 00001

Process: OIL Emission Source: 216MM

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

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STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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

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

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

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law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 11: Contaminant List

Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 11.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Condition 12: Unavoidable noncompliance and violations

Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 12.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment 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 commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such



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malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 13: Emission Unit Definition

Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 13.1:

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

Emission Unit: U-BOLRS

Emission Unit Description:

COMPRSES OF THREE (3) BOILERS. THE BOILERS ARE AS FOLLOWS: TWO (2) BOILERS, WHICH HAVE AN INDIVIDUAL MAXIMUM HEAT INPUT RATING OF 16 MMBTU/HR AND ONE (1) BOILER, WHICH HAS A MAXIMUM HEAT INPUT RATING OF 40 MMBTU/HR. THE 16 MMBTU BOILERS WILL SERVE AS T HE PRIMARY BOILERS AND THE 40 MMBTU BOILER WILL BE USED ON AN AS NEEDED BASIS. ALL THREE BOILERS WILL USE NATURAL GAS AS THE PRIMARY FUEL. ONLY THE 16 MMBTU BOILERS WILL USE DISTILLATE OIL AS A BACK-UP FUEL. THE ASSOCIATED EMISSIONS ARE EXHAUSTED THROU GH A COMMON STACK.

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Building(s): 21

Condition 14: Air pollution prohibited
Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 14.1:

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 15: Emission Point Definition By Emission Unit
Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 15.1:

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

Emission Unit: U-BOLRS

Emission Point: 00001

Height (ft.): 110

Diameter (in.): 96

Condition 16: Process Definition By Emission Unit
Effective between the dates of 09/03/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 16.1:

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

Emission Unit: U-BOLRS

Process: GAS

Process Description:

Process represents three boilers (two 16MMBTU/hr and one 40 MMBTU/hr boilers) using natural gas for fuel. Natural gas will be fired as primary fuel at the facility.



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Emission Source/Control: 116MM - Combustion
Design Capacity: 16 million Btu per hour

Emission Source/Control: 216MM - Combustion
Design Capacity: 16 million Btu per hour

Emission Source/Control: KELER - Combustion
Design Capacity: 40 million Btu per hour

Item 16.2:

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

Emission Unit: U-BOLRS

Process: OIL

Process Description:

This process represents the two 16 MMBTU/hr boilers using distillate oil as fuel. Distillate oil will be the back-up fuel. The 40 MMBTU/hr boilers will not have the physical capability to utilize distillate oil.

Emission Source/Control: 116MM - Combustion
Design Capacity: 16 million Btu per hour

Emission Source/Control: 216MM - Combustion
Design Capacity: 16 million Btu per hour