



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 5-4140-00189/00001
Mod 0 Effective Date: 05/05/2009 Expiration Date: No expiration date.
Mod 1 Effective Date: 06/21/2011 Expiration Date: No expiration date.
Mod 2 Effective Date: 11/04/2011 Expiration Date: No expiration date.
Mod 3 Effective Date: 01/26/2012 Expiration Date: No expiration date.

Permit Issued To: GLOBAL FOUNDRIES US INC
840 N MCCARTHY BLVD
MILPITAS, CA 95035

Contact: DAVID HOFFMAN
107 HERMES ROAD
SUITE 200
BALLSTON SPA, NY 12020
(518) 305-9334

Facility: FAB 8
LUTHER FOREST TECHNOLOGY CAMPUS | 400 STONE BREAK ROAD
EXTENSION
MALTA, NY 12020

Description:
A semiconductor wafer fabrication clean room facility with associated manufacturing space and support facilities (such as boiler systems and backup power generation).

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: MARC S MIGLIORE
NYSDEC
232 GOLF COURSE RD
WARRENSBURG, NY 12885

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
 - Applications for permit renewals, modifications and transfers
 - Permit modifications, suspensions or revocations by the Department
 - Permit modifications, suspensions or revocations by the Department
 - Permit modifications, suspensions or revocations by the Department

Facility Level

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



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



Applicable State Requirement: 6 NYCRR 621.13

Expired by Mod No: 1

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.

Condition 2-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 2-1.1:

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

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

Condition 1-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:

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 application for permit modification or renewal-REGION 5
SUBOFFICE - WARRENSBURG**

Applicable State Requirement: 6 NYCRR 621.6 (a)

Expired by Mod No: 1

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

**Condition 1-2: Submission of application for permit modification or
renewal-REGION 5**

SUBOFFICE - WARRENSBURG

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 1-2.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road
Warrensburg, NY 12885-1172
(518) 623-1281

New York State Department of Environmental Conservation

Permit ID: 5-4140-00189/00001

Facility DEC ID: 5414000189



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: GLOBAL FOUNDRIES US INC
840 N MCCARTHY BLVD
MILPITAS, CA 95035

Facility: FAB 8
LUTHER FOREST TECHNOLOGY CAMPUS | 400 STONE BREAK
ROAD EXTENSION
MALTA, NY 12020

Authorized Activity By Standard Industrial Classification Code:
3674 - SEMICONDUCTORS & RELATED DEVICES

Mod 0 Permit Effective Date: 05/05/2009
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 06/21/2011
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 11/04/2011
date.

Permit Expiration Date: No expiration

Mod 3 Permit Effective Date: 01/26/2012
date.

Permit Expiration Date: No expiration



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-3.2 (c) (6): Compliance Demonstration
- 2 6 NYCRR 201-7.2: Facility Permissible Emissions
- *1-1 6 NYCRR 201-7.2: Capping Monitoring Condition
- *3 6 NYCRR 201-7.2: Capping Monitoring Condition
- *5 6 NYCRR 201-7.2: Capping Monitoring Condition
- *1-2 6 NYCRR 201-7.2: Capping Monitoring Condition
- *1-3 6 NYCRR 201-7.2: Capping Monitoring Condition
- *1-4 6 NYCRR 201-7.2: Capping Monitoring Condition
- 11 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications
- 1-5 6 NYCRR 212.9 (b): Compliance Demonstration
- 1-6 6 NYCRR 212.9 (b): Compliance Demonstration
- 1-7 6 NYCRR 212.9 (b): Compliance Demonstration
- 2-1 6 NYCRR 212.11 (b): Compliance Demonstration
- 3-1 6 NYCRR 212.11 (b): Compliance Demonstration
- 3-2 6 NYCRR 212.11 (b): Compliance Demonstration
- 1-10 6 NYCRR 212.11 (b): Compliance Demonstration
- 1-11 6 NYCRR 212.11 (b): Compliance Demonstration

Emission Unit Level

EU=B-00001

- 17 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 18 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 19 40CFR 60.48c(g)(2), NSPS Subpart Dc: Compliance Demonstration

EU=B-00001,Proc=B01

- 20 40CFR 60.42c(d), NSPS Subpart Dc: Fuel Sulfur Limitation
- 21 40CFR 60.48c, NSPS Subpart Dc: Compliance Demonstration

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- 22 6 NYCRR 212.4 (c): Compliance Demonstration
- 23 6 NYCRR 212.6 (a): Compliance Demonstration

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Facility Level

- 24 ECL 19-0301: Contaminant List
- 1-12 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 26 6 NYCRR Subpart 201-5: Emission Unit Definition
- 2-2 6 NYCRR 211.1: Air pollution prohibited
- 1-13 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 28 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 29 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

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

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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



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

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

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

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

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

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

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

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

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

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



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

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Compliance Demonstration

New York State Department of Environmental Conservation

Permit ID: 5-4140-00189/00001

Facility DEC ID: 5414000189



Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-3.2 (c) (6)

Item 1.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Stationary emergency power generating internal combustion engines are exempt from permitting when limited to less than 500 operating hours per year.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2: Facility Permissible Emissions

Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 2.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

per year	CAS No: 007446-09-5 (From Mod 3)	PTE: 180,000 pounds
	Name: SULFUR DIOXIDE	
per year	CAS No: 007647-01-0 (From Mod 3)	PTE: 19,000 pounds
	Name: HYDROGEN CHLORIDE	
per year	CAS No: 007664-39-3 (From Mod 3)	PTE: 19,000 pounds
	Name: HYDROGEN FLUORIDE	
per year	CAS No: 007782-50-5 (From Mod 3)	PTE: 19,000 pounds
	Name: CHLORINE	
per year	CAS No: 0NY100-00-0 (From Mod 3)	PTE: 48,000 pounds
	Name: HAP	
per year	CAS No: 0NY210-00-0 (From Mod 3)	PTE: 180,000 pounds



Name: OXIDES OF NITROGEN

Condition 1-1: Capping Monitoring Condition
Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 1-1.1:

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

6 NYCRR 201-6.1 (a)

Item 1-1.2:

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

Item 1-1.3:

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

Item 1-1.4:

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

Item 1-1.5:

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

Item 1-1.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-1.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is capping out of Title V requirements by



limiting sulfur dioxide emissions, facility wide, to 90 tons per year on a 12 month rolling total basis. The facility will maintain monthly fuel consumption records for natural gas, #2 oil and diesel fuel used in generators. The appropriate emission factors will be used to calculate emissions as follows:

SO2 emissions = (million cubic feet (mmcf) of gas X 0.6 lb/mmcf) + (thousand gallons #2 oil X 71 lb/kgal) + (thousand gallons of diesel used in generators X 0.2 lb/kgal). This sum is divided by 2000 to calculate tons.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 3: Capping Monitoring Condition
Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 3.1:

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

6 NYCRR 201-6.1 (a)
40 CFR Part 63, Subpart BBBBB

Item 3.2:

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

Item 3.3:

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

Item 3.4:

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



Item 3.5:

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

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is capping out of Title V requirements by limiting total HAP emissions, facility wide, to 24 tons per year on a 12 month rolling total basis.

HAP emissions will be based on emissions testing for Chlorine, Hydrogen Chloride and Hydrogen Fluoride and emission factors determined based on the above testing for other HAPs.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

Condition 5: Capping Monitoring Condition
Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 5.1:

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

6 NYCRR 201-6.1 (a)

Item 5.2:

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

Item 5.3:

The owner or operator of the permitted facility must maintain all required records on-site for a

New York State Department of Environmental Conservation

Permit ID: 5-4140-00189/00001

Facility DEC ID: 5414000189



period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 5.4:

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

Item 5.5:

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

Item 5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is capping out of Title V requirements by limiting nitrogen oxides emissions, facility wide, to 90 tons per year on a 12 month rolling total basis. The facility will maintain monthly fuel consumption records for natural gas and #2 oil and monthly hours of operations for the generator. The appropriate emission factors will be used to calculate emissions as follows:

$$\text{NOx emissions} = (\text{million cubic feet (mmcf) of gas} \times 50 \text{ lb/mmcf}) + (\text{thousand gallons \#2 oil} \times 20 \text{ lb/kgal}) + (\text{hours of generator operation} \times 24.5 \text{ lb/hr}).$$
 This sum is divided by 2000 to calculate tons.

This also caps the facility out of NOx RACT requirements and ensures that carbon monoxide emissions are below the Title V level. .

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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



Condition 1-2: Capping Monitoring Condition
Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1-2.1:

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

6 NYCRR 201-6.1 (a)
40 CFR Part 63, Subpart BBBBB

Item 1-2.2:

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

Item 1-2.3:

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

Item 1-2.4:

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

Item 1-2.5:

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

Item 1-2.6:

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

Emission Unit: F-00001	Emission Point: 00006
Emission Unit: F-00001	Emission Point: 00007
Emission Unit: F-00001	Emission Point: 00008
Emission Unit: F-00001	Emission Point: 00009
Emission Unit: F-00001	Emission Point: 00010

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Emission Unit: F-00001 Emission Point: 00011

Emission Unit: F-00001 Emission Point: 00023

Emission Unit: F-00001 Emission Point: 00024

Emission Unit: F-00001 Emission Point: 00025

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 1-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen fluoride emissions from acid scrubbers shall not exceed 1.9 parts per million. Stack testing will be performed within 60 days of full production at one or more of the selected emission points and additionally at the Department's discretion. At the maximum expected exhaust flow of 372,000 cubic feet per minute, this will keep annual emissions of hydrogen fluoride below 10 tons.

Parameter Monitored: HYDROGEN FLUORIDE

Upper Permit Limit: 1.9 parts per million (by volume)

Reference Test Method: Method 26

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-3: Capping Monitoring Condition
Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1-3.1:

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

6 NYCRR 201-6.1 (a)
40 CFR Part 63, Subpart BBBBB

Item 1-3.2:

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

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Item 1-3.3:

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

Item 1-3.4:

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

Item 1-3.5:

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

Item 1-3.6:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001	Emission Point: 00006
Emission Unit: F-00001	Emission Point: 00007
Emission Unit: F-00001	Emission Point: 00008
Emission Unit: F-00001	Emission Point: 00009
Emission Unit: F-00001	Emission Point: 00010
Emission Unit: F-00001	Emission Point: 00011
Emission Unit: F-00001	Emission Point: 00023
Emission Unit: F-00001	Emission Point: 00024
Emission Unit: F-00001	Emission Point: 00025
Regulated Contaminant(s): CAS No: 007782-50-5	CHLORINE

Item 1-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



Chlorine emissions from acid scrubbers shall not exceed 0.55 parts per million. Stack testing will be performed within 60 days of full production at one or more of the selected emission points and additionally at the Department's discretion. At the maximum expected exhaust flow of 372,000 cubic feet per minute, this will keep annual emissions of chlorine below 10 tons.

Parameter Monitored: CHLORINE

Upper Permit Limit: 0.55 parts per million (by volume)

Reference Test Method: method 26

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-4: Capping Monitoring Condition
Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1-4.1:

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

6 NYCRR 201-6.1 (a)
40 CFR Part 63, Subpart BBBBB

Item 1-4.2:

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

Item 1-4.3:

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

Item 1-4.4:

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

Item 1-4.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement,

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for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-4.6:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001	Emission Point: 00006
Emission Unit: F-00001	Emission Point: 00007
Emission Unit: F-00001	Emission Point: 00008
Emission Unit: F-00001	Emission Point: 00009
Emission Unit: F-00001	Emission Point: 00010
Emission Unit: F-00001	Emission Point: 00011
Emission Unit: F-00001	Emission Point: 00023
Emission Unit: F-00001	Emission Point: 00024
Emission Unit: F-00001	Emission Point: 00025
Regulated Contaminant(s): CAS No: 007647-01-0	HYDROGEN CHLORIDE

Item 1-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen chloride emissions from acid scrubbers shall not exceed 1 part per million. Stack testing will be performed within 60 days of full production at one or more of the selected emission points and additionally at the Department's discretion. At the maximum expected exhaust flow of 372,000 cubic feet per minute, this will keep annual emissions of hydrogen chloride below 10 tons.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 1 parts per million (by volume)

Reference Test Method: Method 26

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 11: Emissions from new emission sources and/or modifications



Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 11.1:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 1-5: Compliance Demonstration

Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 1-5.1:

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

Emission Unit: F-00001	
Process: F10	Emission Source: OX001
Emission Unit: F-00001	
Process: F10	Emission Source: OX002
Emission Unit: F-00001	
Process: F10	Emission Source: OX029
Emission Unit: F-00001	
Process: F10	Emission Source: OX030
Emission Unit: F-00001	
Process: F10	Emission Source: OX088
Regulated Contaminant(s):	
CAS No: 0NY998-00-0	VOC

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Processes controlled by oxidizers may operate without the oxidizer in operation (or operating below baseline temperature) for a maximum of 2% of the time. The compliance demonstration for this condition shall be based on the Oxidizer Operating Ratio, which is calculated by summing the deficient oxidizer hours and dividing by the required oxidizer hours. Deficient oxidizer hours = the number of hours during the time period when a required oxidizer is operating below the required combustion temperature. Required operating hours = the number of



hours of production multiplied by the number of required oxidizers. 1 oxidizer is required when solvent exhaust flow is less than 42,000 cubic feet per minute (CFM); 2 oxidizers are required with flow from 42,000 CFM to 84,000 CFM; and 3 oxidizers are required with flow greater than 84,000 CFM.

Baseline temperature is established by the most recent emissions test (or manufacturers recommendation if a stack test has not yet been conducted).

Parameter Monitored: OPERATING HOURS
Upper Permit Limit: 2 percent
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 1-6: Compliance Demonstration
Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.9 (b)

Item 1-6.1:

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

Emission Unit: F-00001	Emission Point: 00001
Emission Unit: F-00001	Emission Point: 00002
Emission Unit: F-00001	Emission Point: 00029
Emission Unit: F-00001	Emission Point: 00030
Emission Unit: F-00001	Emission Point: 00088

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

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Control efficiency of thermal oxidizers must meet or exceed 90% for individual volatile organic compounds. An overall VOC control efficiency of 98% using method 25A or a an emission limit of 10 parts per million by volume measured as methane (whichever is less stringent) may be used as a surrogate to demonstrate compliance.

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Stack testing will be performed within 60 days of full production at one or more of the selected emission points and additionally at the Department's discretion.

Parameter Monitored: VOC

Lower Permit Limit: 98 percent reduction by weight

Reference Test Method: method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-7: Compliance Demonstration
Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 1-7.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001	Emission Point: 00001
Emission Unit: F-00001	Emission Point: 00002
Emission Unit: F-00001	Emission Point: 00029
Emission Unit: F-00001	Emission Point: 00030
Emission Unit: F-00001	Emission Point: 00088

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

Item 1-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Control efficiency of thermal oxidizers must meet or exceed 90% for individual volatile organic compounds. An overall VOC control efficiency of 98% using method 25A or a an emission limit of 10 parts per million by volume measured as methane (whichever is less stringent) may be used as a surrogate to demonstrate compliance. Stack testing will be performed within 60 days of full production at one or more of the selected emission points and additionally at the Department's discretion.

Parameter Monitored: VOC's

Upper Permit Limit: 10 parts per million (by volume)



Reference Test Method: method 25A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 2-1: Compliance Demonstration
Effective between the dates of 11/04/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.11 (b)

Item 2-1.1:

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

Emission Unit: F-00001 Process: F10	Emission Source: OX001
Emission Unit: F-00001 Process: F10	Emission Source: OX002
Emission Unit: F-00001 Process: F10	Emission Source: OX029
Emission Unit: F-00001 Process: F10	Emission Source: OX030
Emission Unit: F-00001 Process: F10	Emission Source: OX088
Regulated Contaminant(s): CAS No: 0NY998-00-0	VOC

Item 2-1.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The oxidizer combustion chamber temperature will be monitored and recorded on a continuous basis whenever the associated process equipment is operating, except during quality assurance and routine maintenance activities. Records of monitoring data and support information must be retained for a period of at least 5 years from the date of monitoring. Support information includes all calibration and maintenance records and all recordings of continuous temperature monitoring. Chamber temperature must be maintained at or above the minimum temperature established during the most recent stack test. If there has been no stack test, the minimum

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temperature will be the manufacturers recommended temperature. The current limit is a minimum temperature of 1295 degrees F.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1295 degrees Fahrenheit

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 3-hour average

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3-1: Compliance Demonstration
Effective between the dates of 01/26/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.11 (b)

Item 3-1.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001

Process: F10

Emission Source: AS006

Emission Unit: F-00001

Process: F10

Emission Source: AS007

Emission Unit: F-00001

Process: F10

Emission Source: AS008

Emission Unit: F-00001

Process: F10

Emission Source: AS009

Emission Unit: F-00001

Process: F10

Emission Source: AS010

Emission Unit: F-00001

Process: F10

Emission Source: AS011

Emission Unit: F-00001

Process: F10

Emission Source: AS023

Emission Unit: F-00001

Process: F10

Emission Source: AS024

Emission Unit: F-00001

Process: F10

Emission Source: AS025

Item 3-1.2:

Compliance Demonstration shall include the following monitoring:

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



Monitoring Description:

Scrubber water recirculation flow rate will be monitored and recorded on a continuous basis whenever the associated process equipment is operating except during quality assurance and routine maintenance activities. Records of monitoring data and support information must be retained for a period of at least 5 years from the date of monitoring. Support information includes all calibration and maintenance records and all recordings of continuous monitoring. Scrubber water recirculation flow rate must be maintained at or above the minimum level established during the most recent stack test. If there has been no stack test, the parameter will be the manufacturer's recommended value. The current limit is a minimum of 720 gallons per minute.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 720 gallons per minute
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 3-hour average
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3-2: Compliance Demonstration
Effective between the dates of 01/26/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.11 (b)

Item 3-2.1:

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

- Emission Unit: F-00001
Process: F10 Emission Source: CS003
Emission Unit: F-00001
Process: F10 Emission Source: CS004
Emission Unit: F-00001
Process: F10 Emission Source: CS005
Emission Unit: F-00001
Process: F10 Emission Source: CS026
Emission Unit: F-00001
Process: F10 Emission Source: CS027

Item 3-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Scrubber water recirculation flow rate will be monitored and recorded on a continuous basis whenever the associated process equipment is operating except during quality assurance and routine maintenance activities. Records of monitoring data and support information must be retained for a period of at least 5 years from the date of monitoring. Support information includes all calibration and maintenance records and all recordings of continuous monitoring. Scrubber water recirculation flow rate must be maintained at or above the minimum level established during the most recent stack test. If there has been no stack test, the parameter will be the manufacturer's recommended value. The current limit is a minimum of 520 gallons per minute.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 520 gallons per minute
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 3-hour average
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-10: Compliance Demonstration
Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.11 (b)

Item 1-10.1:

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

- Emission Unit: F-00001
Process: F10 Emission Source: CS003
Emission Unit: F-00001
Process: F10 Emission Source: CS004
Emission Unit: F-00001
Process: F10 Emission Source: CS005
Emission Unit: F-00001
Process: F10 Emission Source: CS026
Emission Unit: F-00001
Process: F10 Emission Source: CS027

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Scrubber pH will be monitored and recorded on a continuous basis whenever the associated process equipment is operating except during quality assurance and routine maintenance activities. Records of monitoring data and support information must be retained for a period of at least 5 years from the date of monitoring. Support information includes all calibration and maintenance records and all recordings of continuous monitoring.

Scrubber pH must be maintained at or below the maximum value established during the most recent stack test. If there has been no stack test, the parameter will be the manufacturer's recommended value. The current limit is a maximum pH of 4.5.

Parameter Monitored: ACIDITY/ALKALINITY

Upper Permit Limit: 4.5 pH (STANDARD) units

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 3-hour average

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-11: Compliance Demonstration

Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.11 (b)

Item 1-11.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001

Process: F10

Emission Source: AS006

Emission Unit: F-00001

Process: F10

Emission Source: AS007

Emission Unit: F-00001

Process: F10

Emission Source: AS008

Emission Unit: F-00001

Process: F10

Emission Source: AS009

Emission Unit: F-00001

Process: F10

Emission Source: AS010

Emission Unit: F-00001

Process: F10

Emission Source: AS011



Emission Unit: F-00001
Process: F10

Emission Source: AS023

Emission Unit: F-00001
Process: F10

Emission Source: AS024

Emission Unit: F-00001
Process: F10

Emission Source: AS025

Item 1-11.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Scrubber pH will be monitored and recorded on a continuous basis whenever the associated process equipment is operating except during quality assurance and routine maintenance activities. Records of monitoring data and support information must be retained for a period of at least 5 years from the date of monitoring. Support information includes all calibration and maintenance records and all recordings of continuous monitoring.

Scrubber pH must be maintained at or above the minimum value established during the most recent stack test. If there has been no stack test, the parameter will be the manufacturer's recommended value. The current limit is a minimum pH of 7.

Parameter Monitored: ACIDITY/ALKALINITY

Lower Permit Limit: 7 pH (STANDARD) units

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 3-hour average

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**** Emission Unit Level ****

Condition 17: Compliance Demonstration
Effective between the dates of 05/05/2009 and Permit Expiration Date

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

Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001

Item 17.2:

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Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. Visible emissions monitoring will be conducted at the request of the Department to demonstrate compliance with this limit.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Compliance Demonstration
Effective between the dates of 05/05/2009 and Permit Expiration Date

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

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of construction and actual startup, as provided by 40CFR60.7. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 19: Compliance Demonstration
Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.48c(g)(2), NSPS Subpart Dc

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Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amount of each fuel combusted during each calendar month.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 20: Fuel Sulfur Limitation

Effective between the dates of 05/05/2009 and Permit Expiration Date

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

Item 20.1:

This Condition applies to Emission Unit: B-00001

Process: B01

Item 20.2:

The permittee shall not fire fuel oil which exceeds 0.50 percent sulfur by weight.

Condition 21: Compliance Demonstration

Effective between the dates of 05/05/2009 and Permit Expiration Date

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

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001

Process: B01

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If fuel supplier certification is used to demonstrate compliance, the following shall be included in a semiannual report submitted to the Administrator:

- 1) The name of the oil supplier;
- 2) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate

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oil in 40CFR60.41c and;
3) the sulfur content of the oil.

In addition to the records of the fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 22: Compliance Demonstration
Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 22.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-00001

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

Item 22.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reference Test Method: EPA Method 5
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 23: Compliance Demonstration
Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.6 (a)

New York State Department of Environmental Conservation

Permit ID: 5-4140-00189/00001

Facility DEC ID: 5414000189



Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: F-00001

Item 23.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process source, except only the emission of uncombined water. Visible emissions monitoring will be conducted at the request of the Department to demonstrate compliance with this limit.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 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 law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 24: Contaminant List

Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 24.1:

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 007647-01-0
Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3
Name: HYDROGEN FLUORIDE

CAS No: 007782-50-5
Name: CHLORINE

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

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

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

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

Condition 1-12: Unavoidable noncompliance and violations

Effective between the dates of 06/21/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 1-12.1:

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 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 26: Emission Unit Definition
Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 26.1(From Mod 3):

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

Emission Unit: 0-THERS

Emission Unit Description:

This unit consists of waste storage and treatment tanks installed in the CUB building, select chemical storage tanks in excess of 10,000 gallons capacity and wastewater collection tanks within the FAB building. These operations are anticipated to exhaust at only trace levels. Operations in the CUB building include four acid



Item 1-13.1:

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

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

**Condition 28: Emission Point Definition By Emission Unit
Effective between the dates of 05/05/2009 and Permit Expiration Date**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 28.1(From Mod 3):

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

Emission Unit: 0-THERS

- Emission Point: 00060
Height (ft.): 58 Diameter (in.): 30
NYTMN (km.): 4758.379 NYTME (km.): 601.504 Building: CUB
- Emission Point: 00061
Height (ft.): 58 Diameter (in.): 30
NYTMN (km.): 4758.379 NYTME (km.): 601.501 Building: CUB
- Emission Point: 00069
Height (ft.): 58 Diameter (in.): 30
NYTMN (km.): 4758.365 NYTME (km.): 601.544 Building: CUB
- Emission Point: 00070
Height (ft.): 58 Diameter (in.): 30
NYTMN (km.): 4758.379 NYTME (km.): 601.501 Building: CUB

Item 28.2(From Mod 3):

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

- Emission Unit: B-00001
- Emission Point: 00058
Height (ft.): 33 Diameter (in.): 40
NYTMN (km.): 4758.265 NYTME (km.): 601.516 Building: CUB
- Emission Point: 00059
Height (ft.): 33 Diameter (in.): 40
NYTMN (km.): 4758.28 NYTME (km.): 601.514 Building: CUB
- Emission Point: 00063
Height (ft.): 33 Diameter (in.): 40



NYTMN (km.): 4758.265 NYTME (km.): 601.526 Building: CUB
Emission Point: 00064
Height (ft.): 33 Diameter (in.): 28
NYTMN (km.): 4758.281 NYTME (km.): 601.525 Building: CUB
Emission Point: 00066
Height (ft.): 33 Diameter (in.): 28
NYTMN (km.): 4758.266 NYTME (km.): 601.537 Building: CUB
Emission Point: 00067
Height (ft.): 33 Diameter (in.): 40
NYTMN (km.): 4758.282 NYTME (km.): 601.536 Building: CUB

Item 28.3(From Mod 3):

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

Emission Unit: F-00001
Emission Point: 00001
Height (ft.): 96 Diameter (in.): 52
NYTMN (km.): 4758.195 NYTME (km.): 601.348 Building: FAB
Emission Point: 00002
Height (ft.): 96 Diameter (in.): 52
NYTMN (km.): 4758.199 NYTME (km.): 601.348 Building: FAB
Emission Point: 00003
Height (ft.): 96 Diameter (in.): 52
NYTMN (km.): 4758.21 NYTME (km.): 601.339 Building: FAB
Emission Point: 00004
Height (ft.): 96 Diameter (in.): 52
NYTMN (km.): 4758.215 NYTME (km.): 601.339 Building: FAB
Emission Point: 00005
Height (ft.): 96 Diameter (in.): 52
NYTMN (km.): 4758.218 NYTME (km.): 601.338 Building: FAB
Emission Point: 00006
Height (ft.): 96 Diameter (in.): 60
NYTMN (km.): 4758.235 NYTME (km.): 601.337 Building: FAB
Emission Point: 00007
Height (ft.): 96 Diameter (in.): 60
NYTMN (km.): 4578.238 NYTME (km.): 601.337 Building: FAB
Emission Point: 00008
Height (ft.): 96 Diameter (in.): 60
NYTMN (km.): 4758.244 NYTME (km.): 601.336 Building: FAB
Emission Point: 00009



Height (ft.): 96	Diameter (in.): 60	
NYTMN (km.): 4758.249	NYTME (km.): 601.336	Building: FAB
Emission Point: 00010		
Height (ft.): 96	Diameter (in.): 60	
NYTMN (km.): 4758.253	NYTME (km.): 601.336	Building: FAB
Emission Point: 00011		
Height (ft.): 96	Diameter (in.): 60	
NYTMN (km.): 4758.259	NYTME (km.): 601.335	Building: FAB
Emission Point: 00023		
Height (ft.): 96	Diameter (in.): 60	
NYTMN (km.): 4758.405	NYTME (km.): 601.322	Building: FAB
Emission Point: 00024		
Height (ft.): 96	Diameter (in.): 60	
NYTMN (km.): 4758.412	NYTME (km.): 601.322	Building: FAB
Emission Point: 00025		
Height (ft.): 96	Diameter (in.): 60	
NYTMN (km.): 4758.42	NYTME (km.): 601.321	Building: FAB
Emission Point: 00026		
Height (ft.): 96	Diameter (in.): 52	
NYTMN (km.): 4758.431	NYTME (km.): 601.32	Building: FAB
Emission Point: 00027		
Height (ft.): 96	Diameter (in.): 52	
NYTMN (km.): 4758.439	NYTME (km.): 601.32	Building: FAB
Emission Point: 00029		
Height (ft.): 96	Diameter (in.): 52	
NYTMN (km.): 4758.449	NYTME (km.): 601.326	Building: FAB
Emission Point: 00030		
Height (ft.): 96	Diameter (in.): 52	
NYTMN (km.): 4758.457	NYTME (km.): 601.325	Building: FAB
Emission Point: 00088		
Height (ft.): 96	Diameter (in.): 52	
NYTMN (km.): 4758.192	NYTME (km.): 601.348	Building: FAB

Condition 29: Process Definition By Emission Unit
Effective between the dates of 05/05/2009 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 29.1(From Mod 3):

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

Emission Unit: 0-THERS



Process: OTH

Emission Source/Control: OTH60 - Control
Control Type: WET SCRUBBER

Emission Source/Control: OTH61 - Control
Control Type: WET SCRUBBER

Emission Source/Control: OTH69 - Control
Control Type: WET SCRUBBER

Emission Source/Control: OTH70 - Control
Control Type: WET SCRUBBER

Emission Source/Control: OTHAT - Process

Emission Source/Control: OTHCT - Process

Item 29.2(From Mod 3):

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

Emission Unit: B-00001
Process: B01 Source Classification Code: 1-02-005-02

Emission Source/Control: B0001 - Combustion
Design Capacity: 57.6 million BTUs per hour

Emission Source/Control: B0002 - Combustion
Design Capacity: 57.6 million BTUs per hour

Emission Source/Control: B0005 - Combustion
Design Capacity: 57.6 million BTUs per hour

Item 29.3(From Mod 3):

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

Emission Unit: B-00001
Process: BO2 Source Classification Code: 1-02-006-02

Emission Source/Control: B0001 - Combustion
Design Capacity: 57.6 million BTUs per hour

Emission Source/Control: B0002 - Combustion
Design Capacity: 57.6 million BTUs per hour

Emission Source/Control: B0003 - Combustion
Design Capacity: 57.6 million BTUs per hour

Emission Source/Control: B0004 - Combustion
Design Capacity: 28.9 million BTUs per hour

Emission Source/Control: B0005 - Combustion



Design Capacity: 57.6 million BTUs per hour

Emission Source/Control: B0006 - Combustion
Design Capacity: 57.6 million Btu per hour

Item 29.4(From Mod 3):

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

Emission Unit: F-00001
Process: F01

Emission Source/Control: CM001 - Process

Item 29.5(From Mod 3):

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

Emission Unit: F-00001
Process: F02

Emission Source/Control: PL001 - Process

Item 29.6(From Mod 3):

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

Emission Unit: F-00001
Process: F03

Emission Source/Control: ET001 - Process

Item 29.7(From Mod 3):

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

Emission Unit: F-00001
Process: F04

Emission Source/Control: PH001 - Process

Item 29.8(From Mod 3):

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

Emission Unit: F-00001
Process: F05

Emission Source/Control: DF001 - Process

Item 29.9(From Mod 3):

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

Emission Unit: F-00001
Process: F06

Emission Source/Control: IM001 - Process



Item 29.10(From Mod 3):

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

Emission Unit: F-00001
Process: F07

Emission Source/Control: TF001 - Process

Item 29.11(From Mod 3):

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

Emission Unit: F-00001
Process: F10

Emission Source/Control: AS006 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS007 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS008 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS009 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS010 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS011 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS023 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS024 - Control
Control Type: WET SCRUBBER

Emission Source/Control: AS025 - Control
Control Type: WET SCRUBBER

Emission Source/Control: CS003 - Control
Control Type: WET SCRUBBER

Emission Source/Control: CS004 - Control
Control Type: WET SCRUBBER

Emission Source/Control: CS005 - Control
Control Type: WET SCRUBBER

Emission Source/Control: CS026 - Control

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Control Type: WET SCRUBBER

Emission Source/Control: CS027 - Control
Control Type: WET SCRUBBER

Emission Source/Control: OX001 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: OX002 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: OX029 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: OX030 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: OX088 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: 00F10 - Process

