

**New York State Department of Environmental Conservation  
Facility DEC ID: 6301300091**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-3013-00091/00039  
Effective Date: 08/16/2005                      Expiration Date: No expiration date

Permit Issued To: REVERE COPPER PRODUCTS INC  
ONE REVERE PARK  
ROME, NY 13440-5581

Contact: LEX S BENTON  
REVERE COPPER PRODUCTS INC  
ONE REVERE PARK  
ROME, NY 13440-5561  
(315) 338-2119

Facility: REVERE COPPER PRODUCTS INC  
SENECA ST  
ROME, NY 13440

Description:

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: BRIAN D FENLON  
DIVISION OF ENVIRONMENTAL PERMITS  
STATE OFFICE BLDG, 317 WASHINGTON ST  
WATERTOWN, NY 13601-3787

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 6  
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 6 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 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: REVERE COPPER PRODUCTS INC  
ONE REVERE PARK  
ROME, NY 13440-5581

Facility: REVERE COPPER PRODUCTS INC  
SENECA ST  
ROME, NY 13440

Authorized Activity By Standard Industrial Classification Code:  
3351 - COPPER ROLLING AND DRAWING



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 2 6NYCRR 201-3.1(a): Exempt and Trivial Activities Applicability
- 3 6NYCRR 201-3.2(c)(6): Compliance Demonstration
- 4 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 5 6NYCRR 225-1.8(a): Compliance Demonstration
- 6 6NYCRR 225-1.8(b): Compliance Demonstration
- 7 6NYCRR 225-1.8(d): Sampling, compositing, and analysis of fuel samples
- 8 6NYCRR 226: Compliance Demonstration
- 9 6NYCRR 227-1.6(a): Corrective action.
- 10 6NYCRR 227-1.6(b): Corrective action.
- 11 6NYCRR 227-1.6(c): Corrective action.
- 12 6NYCRR 227-1.6(d): Corrective action.

**Emission Unit Level**

**EU=U-ANNE1**

- 13 6NYCRR 212.3(b): Compliance Demonstration
- 14 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-CAST1**

- 15 6NYCRR 212.3(b): Compliance Demonstration
- 16 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-CAST1,Proc=BP2**

- 17 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-COMB1**

- 18 6NYCRR 227-1.3(a): Compliance Demonstration
- 19 6NYCRR 227-2.4(d): Compliance Demonstration
- 20 6NYCRR 227.2(b)(1): Compliance Demonstration

**EU=U-COMB1,EP=00004**

- 21 6NYCRR 227-1.2(b): Multiple combustion sources.

**EU=U-FURN1**

- 22 6NYCRR 212.3(b): Compliance Demonstration
- 23 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-OVER1**

- 24 6NYCRR 212.3(b): Compliance Demonstration
- 25 6NYCRR 212.6(a): Compliance Demonstration



**EU=U-PTNRM**

- 26 6NYCRR 212.3(b): Compliance Demonstration
- 27 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-ROLL1**

- 28 6NYCRR 212.3(b): Compliance Demonstration
- 29 6NYCRR 212.6(a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 30 ECL 19-0301: Contaminant List
- 31 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 32 6NYCRR 201-5: Emission Unit Definition
- 33 6NYCRR 201-7.2(c): Facility Permissible Emissions
- \*34 6NYCRR 201-7.2(c): Capping Monitoring Condition
- \*35 6NYCRR 201-7.2(c): Capping Monitoring Condition
- \*36 6NYCRR 201-7.2(c): Capping Monitoring Condition
- \*37 6NYCRR 201-7.2(c): Capping Monitoring Condition
- 38 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 39 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 40 6NYCRR 201-5: Process Definition By Emission Unit

**EU=U-ANNE1,Proc=PCK,ES=00S38**

- \*41 6NYCRR 201-7.2(c): Capping Monitoring Condition

**EU=U-ANNE1,Proc=PCK,ES=00S40**

- \*42 6NYCRR 201-7.2(c): Capping Monitoring Condition

**EU=U-CAST1,Proc=BH1**

- \*43 6NYCRR 201-7.2(c): Capping Monitoring Condition

**EU=U-CAST1,Proc=BH2**

- \*44 6NYCRR 201-7.2(c): Capping Monitoring Condition

**EU=U-CAST1,Proc=BP1**

- \*45 6NYCRR 201-7.2(c): Capping Monitoring Condition

**EU=U-CAST1,Proc=BP2**

- \*46 6NYCRR 201-7.2(c): Capping Monitoring Condition

**EU=U-CAST1,EP=00039**

- \*47 6NYCRR 201-7.2(c): Capping Monitoring Condition

**EU=U-COMB1,EP=00004**

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48 6NYCRR 227-1.2(a)(2): Compliance Demonstration

**EU=U-OVER1,Proc=OVR,ES=00C31**

\*49 6NYCRR 201-7.2(c): Capping Monitoring Condition

**NOTE: \* preceding the condition number indicates capping.**

Permit Effective Date: 08/16/2005

Permit Expiration Date: No expiration date.



**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 - 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: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-3.2(a)**

**Item 1.1:**  
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 this Subpart. 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 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.

**Condition 2: Exempt and Trivial Activities Applicability**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-3.1(a)**

**Item 2.1:**  
If the facility owner and/or operator performs any of the exempt and trivial activities listed in 6



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NYCRR Part 201-3.2(c) or 201-3.3(c), such activities are exempt from the permitting provisions of 6 NYCRR Part 201-5, but not from other Parts of 6 NYCRR Chapter III, or from applicable permitting requirements of local air pollution control agencies.

**Condition 3: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 3.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

As proof of exempt eligibility for the emergency generators, the facility must maintain monthly records which demonstrate that each engine is operated less than 500 hours per year, on a 12-month rolling total basis.

Parameter Monitored: POWER

Upper Permit Limit: 500 hours per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 4: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)**

**Item 4.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any residual fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for

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a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 5: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.8(a)**

**Item 5.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 6: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.8(b)**

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator of a facility subject to 6NYCRR Part 201-6 who sells oil and/or coal must retain, for at least three years, records containing the following information:

- i. fuel analyses and data on the quantities of all oil and coal received; and
- ii. the names of all purchasers, fuel analyses and data on the quantities of all oil and coal sold.

Such fuel analyses must contain as a minimum:

- i. data on the sulfur content, ash content, specific gravity and heating value of residual oil;
- ii. data on the sulfur content, specific gravity and heating value of distillate oil; and
- iii. data on the sulfur content, ash content and heating value of coal.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 7: Sampling, compositing, and analysis of fuel samples  
Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.8(d)**

**Item 7.1:**

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

**Condition 8: Compliance Demonstration  
Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 226**

**Item 8.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

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**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR 226. Requirements for Cold Cleaning Degreasers  
(Non Title V after 12/31/2003)

**A. Equipment Specifications**

The following types of control equipment must be used when conducting cold cleaning degreasing, solvent metal cleaning:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C.

**B. Operating Requirements:**

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

**C. General Requirements:**

A Person conducting solvent metal cleaning must:

- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
- (4) Keep the degreaser cover closed except when:
  - (a) parts are being placed into or being removed from the degreaser;
  - (b) adding or removing solvent from the degreaser;
  - (c) no solvent is in the degreaser; or

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- (d) when manually cleaning metal parts in the cold cleaning degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
- (6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
- (7) If using a cold cleaning degreaser that is subject to paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.
  - (a) the name and address of the solvent supplier;
  - (b) the type of solvent including the product or vendor identification number; and
  - (c) the vapor pressure of the solvent measured in mm Hg at 20 °C (68 °F).

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 9: Corrective action.**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(a)**

**Item 9.1:**

Any facility found in violation of the provisions of this Part shall not cause, permit, or allow the operation of the affected stationary combustion installation unless:

- (1) it is equipped with approved emission control equipment;
- (2) it is rehabilitated or upgraded in an approved manner; or
- (3) the fuel is changed to an acceptable type.

**Condition 10: Corrective action.**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(b)**

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**Item 10.1:**

The commissioner may seal the affected stationary combustion installation that does not comply with the provisions in subdivision 6 NYCRR 227-1.6(a) within the time provided.

**Condition 11: Corrective action.**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(c)**

**Item 11.1:**

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with this section.

**Condition 12: Corrective action.**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(d)**

**Item 12.1:**

No person except the commissioner or his representative shall remove, tamper with, or destroy any seal affixed to any affected stationary combustion installation.

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

**Condition 13: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 13.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ANNE1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 grains of particulates per cubic foot of exhaust gas,



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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: 0.15 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 6 calendar month(s).

**Condition 14: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 14.1:**  
The Compliance Demonstration activity will be performed for:

Emission Unit: U-ANNE1

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

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE  
Monitoring Description:  
No person shall cause or allow emissions having an  
average opacity during any six consecutive minutes of 20  
percent or greater from any process emission source,  
except only the emission of uncombined water. Compliance  
with this requirement shall be determined by the facility  
owner/operator conducting a daily survey of visible  
emissions when the process is in operation. If any  
visible emissions are identified, corrective action is  
required. The Department reserves the right to perform or  
require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: EPA Method 9  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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**DESCRIPTION**

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 15: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 15.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 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: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 16: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 16.1:**

The Compliance Demonstration activity will be performed for:



Emission Unit: U-CAST1

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1

Process: BP2

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minute of 20 percent or greater from any process emission source,



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except only the emission of uncombined water. Compliance with this requirement shall require the source owner to only operate copper-pouring operation in this process (i.e. bypass mode), with induction furnaces number 2056 and 2057. As such, the facility will keep records of material thruput during operation in by-pass mode. Facility shall provide a report demonstrating compliance with this requirement to the NYSDEC Region 6 Office by the reporting deadlines contained below.

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 1/30/2006.

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

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-COMB1

**Item 18.2:**

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 operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60. Opacity shall be monitored on a daily basis whenever the unit is in operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**Condition 19: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-COMB1

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 20.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-COMB1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

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Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: Multiple combustion sources.  
Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.2(b)**

**Item 21.1:**

This Condition applies to Emission Unit: U-COMB1 Emission Point: 00004

**Item 21.2:**

The total heat input of all furnaces connected to the same stack or pollution control device shall be used to calculate the permissible particulate emission rate.

**Condition 22: Compliance Demonstration  
Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 22.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-FURN1

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 0.15 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: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 23: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 23.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FURN1

**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



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percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 24: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 24.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OVER1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 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: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST



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**METHOD INDICATED**

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 25: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 25.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OVER1

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 26: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 26.1:**

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The Compliance Demonstration activity will be performed for:

Emission Unit: U-PTNRM

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 26.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 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: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 27: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 27.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PTNRM

**Item 27.2:**

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



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average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 28.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ROLL1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 28.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 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: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 29: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 29.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ROLL1

**Item 29.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

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 - 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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**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**

**Condition 30: Contaminant List**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 30.1:**

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

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

**Condition 31: Unavoidable noncompliance and violations**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 31.1:**

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



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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 32: Emission Unit Definition**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 32.1:**

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

Emission Unit: U-ANNE1

Emission Unit Description:

This EU encompasses thirteen annealing units (Lee Wilson machine nos. 1729 to 1734, Ebner machine nos. 2383 to 2386, bright anneal machine no. 1154, strand anneal machine no. 1738, and tray style/coil anneal machine no. 464 entry and exit) used to anneal copper and copper alloy



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sheets from the rolling mills. All annealing units except for the tray style/coil anneal are located in the rolling mill. The Lee Wilson, Ebner, bright, strand, tray style/coil entry and tray style/coil exit exhaust through EPs 00369, 00440, 00367, 00027, 00189, and 00190 respectively. This emissions unit also encompasses three sulfuric acid pickling lines (machines 1738, 1739, and 1740) used to clean copper and copper alloy sheets. Machine nos. 1738 and 1739 exhaust through EP 00027, machine no. 1740 exhausts through EP 00028. The particulate emissions (acid mists) are controlled by wet scrubbers.

Building(s): 1  
51

**Item 32.2:**

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

Emission Unit: U-CAST1

Emission Unit Description:

This EU encompasses the emissions from the induction furnaces (machine nos. 1187, 1799, 2443, 2056, and 2057) used to melt and pour copper and copper alloy cakes. Machine nos. 1187, 1799, and 2443 exhaust through ep 000039 and machine nos. 2056 and 2057 exhaust through ep 00040. The particulate emissions are controlled by cyclones and baghouses. In addition, federally enforceable special permit conditions exist for these emission points to limit the particulate emissions.

Building(s): 21

**Item 32.3:**

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

Emission Unit: U-COMB1

Emission Unit Description:

This emission unit (EU) encompasses boilers 1,2 & 3 located at the boiler house. Boilers 1 and 2 exhaust through emission point (EP) 00004. Boiler 3 exhausts through EP00003. Each of the 42.0 mmbtu/hr boilers is dual-fueled (natural gas as the primary fuel and no. 6 fuel oil as the back-up fuel). Sulfur dioxide emissions are capped by restricting no. 6 fuel oil usage from all three boilers.

Building(s): 15



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**Item 32.4:**

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

Emission Unit: U-FURN1

Emission Unit Description:

This EU encompasses the walking beam furnace (machine no. 1701) used to preheat copper and copper alloy cake prior to hot rolling. The furnace is fired by natural gas and has a maximum heat input rating of 41.2 mmbtu/hr. The emissions exhaust through ep 00041.

Building(s): 51

**Item 32.5:**

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

Emission Unit: U-OVER1

Emission Unit Description:

This EU encompasses the overhauler (machine no. 1715) used to shave the outside surface of copper alloy materials with cutter blades. This process produces chips and shavings, which are collected inside the exhaust system and sent back to the cast shop for remelting. The emissions exhaust through ep 00031. The particulate emissions are controlled by a wet scrubber/rotoclone.

Building(s): 51

**Item 32.6:**

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

Emission Unit: U-PTNRM

Emission Unit Description:

The EU encompasses the emissions from the sanding and coating processes in the patina room.

Building(s): 1

**Item 32.7:**

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

Emission Unit: U-ROLL1

Emission Unit Description:

This EU encompasses five rolling mills (machine nos. 1176, 1706, 1721, 1723, and 1724), which use lubricating/metalworking fluid in the rolling of copper and copper alloy sheets. Machine nos. 1176, 1706, 1721, 1723, and 1724 exhaust through eps 00036, 00 029, 00026, and 00025 respectively. Each mill emits a small amount of lubricating/metalworking fluid. The emissions from eps 00029, 00030, and 00036 are controlled by two mist



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eliminators and a baffle chamber respectively.

Building(s): 51

**Condition 33: Facility Permissible Emissions**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 33.1:**

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

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

CAS No: 007446-09-5 PTE: 190,000 pounds per year  
Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0 PTE: 180,000 pounds per year  
Name: PARTICULATES

CAS No: 0NY075-00-5 PTE: 180,000 pounds per year  
Name: PM-10

CAS No: 0NY210-00-0 PTE: 190,000 pounds per year  
Name: OXIDES OF NITROGEN

**Condition 34: Capping Monitoring Condition**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 34.1:**

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:

6NYCRR 201-6.1(a)  
40CFR 52-A.21

**Item 34.2:**

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

**Item 34.3:**

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



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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 34.4:**

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 34.5:**

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 34.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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

**Item 34.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility-wide emissions of PM-10 and Particulates for any 12-month rolling period shall be limited to 90 tpy. Fuel oil, natural gas, hours of operation, and results of control equipment monitoring and recordkeeping shall be recorded monthly. This information, the appropriate AP-42 emission factor and existing stack test information shall be used to demonstrate compliance with the limit. Records on the regular maintenance of mist eliminators (i.e. C30 and C36) and dust collector (i.e. B500) as described in the PM manual will be maintained on-site.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 35: Capping Monitoring Condition**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 35.1:**

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:

6NYCRR 201-6.1(a)

**Item 35.2:**

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

**Item 35.3:**

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 35.4:**

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 35.5:**

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 35.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 35.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility-wide emissions of SO<sub>2</sub> for any 12-month rolling period shall be limited to 95 tpy. The maximum

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amount of fuel oil that will be burned in any 12 month rolling period is limited in order to verify compliance with the the facility CAP.

Parameter Monitored: VOLUMETRIC FLOW RATE  
Upper Permit Limit: 3360000 gallons per year  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 12 calendar month(s).

**Condition 36: Capping Monitoring Condition**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 36.1:**

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:

6NYCRR 201-6.1(a)

**Item 36.2:**

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

**Item 36.3:**

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 36.4:**

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 36.5:**

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.



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**Item 36.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 36.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility-wide emissions, including those from permitted, exempt, and trivial sources, of NO<sub>x</sub> for any consecutive 12-month period shall be limited to 95 tpy. Fuel oil, natural gas and hours of operation shall be recorded monthly. This information, the appropriate ap-42 emission factors and stack test information shall be used to demonstrate compliance with the limit with the consecutive 12-month period.

Reports will be submitted annually, in a format acceptable to the commissioner's representative, which document that the facility's NO<sub>x</sub> emissions over any consecutive 12-month period were below 95 tpy. The annual reports must include information that documents the NO<sub>x</sub> emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly NO<sub>x</sub> emissions.

Any noncompliance with the NO<sub>x</sub> emission limit in this condition must be reported by sending a copy of such record to the NYSDEC, region 6 office, within 30 days of the occurrence.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 37: Capping Monitoring Condition**



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**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 37.1:**

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:

6NYCRR 201-6.1(a)

**Item 37.2:**

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

**Item 37.3:**

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 37.4:**

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 37.5:**

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 37.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 37.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility-wide emissions of SO<sub>2</sub> for any 12-month rolling period shall be limited to 95 tpy. Fuel oil,

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natural gas and hours of operation shall be recorded monthly. In addition the sulfur content of the fuel oil will be recorded (based on fuel certificates received from the oil supplier). This information, the appropriate ap-42 emission factors and existing stack test information shall be used to demonstrate compliance with the limit on an annual total rolled monthly basis.

Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 12 calendar month(s).

**Condition 38: Air pollution prohibited**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 38.1:**

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 39: Emission Point Definition By Emission Unit**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 39.1:**

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

Emission Unit: U-ANNE1

Emission Point: 00027

Height (ft.): 82

Diameter (in.): 36

NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 51



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Emission Point: 00028  
Height (ft.): 88 Diameter (in.): 19  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 51

Emission Point: 00189  
Height (ft.): 25 Diameter (in.): 9  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 1

Emission Point: 00190  
Height (ft.): 25 Diameter (in.): 9  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 51

Emission Point: 00367  
Height (ft.): 30 Diameter (in.): 12  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 51

Emission Point: 00369  
Height (ft.): 30 Diameter (in.): 7  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 1

Emission Point: 00440  
Height (ft.): 30 Diameter (in.): 3  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 51

**Item 39.2:**

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

Emission Unit: U-CAST1

Emission Point: 00039  
Height (ft.): 50 Diameter (in.): 48  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 21

Emission Point: 00040  
Height (ft.): 50 Diameter (in.): 48  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 21

**Item 39.3:**

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

Emission Unit: U-COMB1

Emission Point: 00003  
Height (ft.): 60 Diameter (in.): 50  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 15

Emission Point: 00004



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Height (ft.): 150                      Diameter (in.): 84  
NYTMN (km.): 4783.8              NYTME (km.): 464.5              Building: 15

**Item 39.4:**

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

Emission Unit:    U-FURN1

Emission Point:    00041  
Height (ft.): 60                      Diameter (in.): 51  
NYTMN (km.): 4784.065    NYTME (km.): 464.569    Building: 51

**Item 39.5:**

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

Emission Unit:    U-OVER1

Emission Point:    00031  
Height (ft.): 44                      Diameter (in.): 48  
NYTMN (km.): 4784.065    NYTME (km.): 464.569    Building: 51

**Item 39.6:**

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

Emission Unit:    U-PTNRM

Emission Point:    00500  
Height (ft.): 10                      Length (in.): 21                      Width (in.): 21  
NYTMN (km.): 4783.8              NYTME (km.): 464.5              Building: 1

**Item 39.7:**

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

Emission Unit:    U-ROLL1

Emission Point:    00025  
Height (ft.): 44                      Diameter (in.): 42  
NYTMN (km.): 4784.065    NYTME (km.): 464.569    Building: 51

Emission Point:    00026  
Height (ft.): 30                      Diameter (in.): 36  
NYTMN (km.): 4784.065    NYTME (km.): 464.569    Building: 51

Emission Point:    00029  
Height (ft.): 60                      Diameter (in.): 72  
NYTMN (km.): 4784.065    NYTME (km.): 464.569    Building: 51



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Emission Point: 00030  
Height (ft.): 80 Diameter (in.): 30  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 51

Emission Point: 00036  
Height (ft.): 45 Diameter (in.): 18  
NYTMN (km.): 4784.065 NYTME (km.): 464.569 Building: 51

**Condition 40: Process Definition By Emission Unit  
Effective between the dates of 08/16/2005 and Permit Expiration Date**

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

**Item 40.1:**

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

Emission Unit: U-ANNE1  
Process: DXG Source Classification Code: 3-04-900-04  
Process Description:  
The annealing atmosphere of dx gas emits burned natural gas.

Emission Source/Control: 00464 - Process

Emission Source/Control: 01154 - Process

Emission Source/Control: 01729 - Process

Emission Source/Control: 01730 - Process

Emission Source/Control: 01731 - Process

Emission Source/Control: 01732 - Process

Emission Source/Control: 01733 - Process

Emission Source/Control: 01734 - Process

Emission Source/Control: 01738 - Process

**Item 40.2:**

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

Emission Unit: U-ANNE1  
Process: FLD Source Classification Code: 3-04-022-01  
Process Description:  
The annealing process emits a small amount of burned



residual lubricating/metalworking fluid.

Emission Source/Control: 01154 - Process

Emission Source/Control: 01729 - Process

Emission Source/Control: 01730 - Process

Emission Source/Control: 01731 - Process

Emission Source/Control: 01732 - Process

Emission Source/Control: 01733 - Process

Emission Source/Control: 01734 - Process

Emission Source/Control: 01738 - Process

Emission Source/Control: 02383 - Process

Emission Source/Control: 02384 - Process

Emission Source/Control: 02385 - Process

Emission Source/Control: 02386 - Process

**Item 40.3:**

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

Emission Unit: U-ANNE1

Process: PCK

Source Classification Code: 3-99-999-99

Process Description:

The emissions of acid mists from the pickling process are ducted to and controlled by the wet scrubbers.

Emission Source/Control: 00S38 - Control

Control Type: WET SCRUBBER

Emission Source/Control: 00S40 - Control

Control Type: WET SCRUBBER

Emission Source/Control: 01739 - Process

Emission Source/Control: 01740 - Process

**Item 40.4:**

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

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Emission Unit: U-CAST1

Process: BH1

Source Classification Code: 3-04-002-24

Process Description:

This process encompasses the emissions from the induction furnaces used to melt and pour copper and copper alloy cake (machine nos. 1187, 1799, and 2443). Emission point EP00039 is associated with this process. Emissions are controlled by cyclones and baghouses. Each furnace has a hood that is ducted to the cyclone/baghouse unit associated with EP00039.

Emission Source/Control: 00B39 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 00C39 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: 01187 - Process

Emission Source/Control: 01799 - Process

Emission Source/Control: 02443 - Process

**Item 40.5:**

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

Emission Unit: U-CAST1

Process: BH2

Source Classification Code: 3-04-002-24

Process Description:

This process encompasses the emissions from the induction furnaces used to melt and pour copper and copper alloy cake (machine nos. 2056 and 2057). Emission points EP00040 is associated with this process. Emissions are controlled by cyclones and baghouses. Each furnace has a hood that is ducted to the cyclone/baghouse unit associated with EP00040.

Emission Source/Control: 00B40 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 00C40 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: 02056 - Process

Emission Source/Control: 02057 - Process

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**Item 40.6:**

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

Emission Unit: U-CAST1

Process: BP1

Source Classification Code: 3-04-002-24

Process Description:

The emissions from the furnaces operating in by-pass mode are ducted to and controlled by the cyclones only. In by-pass mode, machine nos. 1187, 1799 and 2443, which exhaust through EP00039, are allowed to conduct both brass-pouring operations and copper-pouring operations. Emissions from these furnaces operating in by-pass mode shall be limited to 240 hr/yr. This limitation on the hours of operation is a result of an existing federally enforceable special permit condition established to limit the particulate emissions during by-pass mode operations.

Emission Source/Control: 00C39 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: 01187 - Process

Emission Source/Control: 01799 - Process

Emission Source/Control: 02443 - Process

**Item 40.7:**

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

Emission Unit: U-CAST1

Process: BP2

Source Classification Code: 3-04-002-24

Process Description:

The emissions from the furnaces operating in by-pass mode are ducted to and controlled by the cyclones only. In by-pass mode, machine nos. 2056 and 2057, which exhaust through EP00040, are only allowed to conduct copper-pouring operations. Emissions from these furnaces operating in by pass mode shall be limited to 240 hr/yr. This limitation on the hours of operation is a result of an existing federally enforceable special permit condition established to limit the particulate emissions during by-pass mode operations.

Emission Source/Control: 00C40 - Control

Control Type: SINGLE CYCLONE



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Emission Source/Control: 02056 - Process

Emission Source/Control: 02057 - Process

**Item 40.8:**

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

Emission Unit: U-COMB1

Process: F01

Source Classification Code: 1-02-004-02

Process Description:

Three 42 MMBTU/HR boilers firing residual fuel oil (no. 6) to produce steam for process heating and general heating.

Emission Source/Control: 00BR1 - Combustion

Design Capacity: 42 million Btu per hour

Emission Source/Control: 00BR2 - Combustion

Design Capacity: 42 million Btu per hour

Emission Source/Control: 00BR3 - Combustion

Design Capacity: 42 million Btu per hour

**Item 40.9:**

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

Emission Unit: U-COMB1

Process: G01

Source Classification Code: 1-02-006-02

Process Description:

Three 42 MMBTU\HR boilers firing natural gas to produce steam for process heating and general heating

Emission Source/Control: 00BR1 - Combustion

Design Capacity: 42 million Btu per hour

Emission Source/Control: 00BR2 - Combustion

Design Capacity: 42 million Btu per hour

Emission Source/Control: 00BR3 - Combustion

Design Capacity: 42 million Btu per hour

**Item 40.10:**

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

Emission Unit: U-FURN1

Process: G02

Source Classification Code: 1-02-006-02

Process Description: Natural gas is fired in the furnace..

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Emission Source/Control: 01701 - Process

**Item 40.11:**

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

Emission Unit: U-OVER1

Process: OVR

Source Classification Code: 3-99-999-99

Process Description:

The emissions from the cutting and shaving of the overhauler process are ducted to and controlled by the wet scrubber/rotoclone.

Emission Source/Control: 00C31 - Control

Control Type: WET SCRUBBER

Emission Source/Control: 01715 - Process

**Item 40.12:**

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

Emission Unit: U-PTNRM

Process: P01

Source Classification Code: 3-04-002-24

Process Description:

This process encompasses the emissions from the sanding of copper/copper alloy sheets. Emissions are exhausted through a dust collector and then to EP00500T

Emission Source/Control: BH500 - Control

Control Type: FABRIC FILTER

Emission Source/Control: PTNR1 - Process

**Item 40.13:**

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

Emission Unit: U-PTNRM

Process: P02

Source Classification Code: 3-04-002-24

Process Description:

This process encompasses the emissions from the surface coating of copper/copper alloy sheet. The coating operation has an enclosed hood with a small centrifugal fan that vents internally to the patina room.

Emission Source/Control: PTNR2 - Process

**Item 40.14:**



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

Emission Unit: U-ROLL1

Process: ROL

Source Classification Code: 3-04-999-99

Process Description:

The rolling process in each mill emits a small amount of lubricating/metalworking fluid.

Emission Source/Control: 00C29 - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 00C30 - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 00C36 - Control

Control Type: BAFFLE

Emission Source/Control: 01176 - Process

Emission Source/Control: 01706 - Process

Emission Source/Control: 01721 - Process

Emission Source/Control: 01723 - Process

Emission Source/Control: 01724 - Process

**Condition 41: Capping Monitoring Condition**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 41.1:**

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:

6NYCRR 201-6.1(a)

40CFR 52-A.21

**Item 41.2:**

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

**Item 41.3:**

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





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**Permit ID: 6-3013-00091/00039**

**Facility DEC ID: 6301300091**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 42.1:**

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:

6NYCRR 201-6.1(a)  
40CFR 52-A.21

**Item 42.2:**

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

**Item 42.3:**

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 42.4:**

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 42.5:**

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 42.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ANNE1  
Process: PCK                      Emission Source: 00S40

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

**Item 42.7:**

Compliance Demonstration shall include the following monitoring:



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Capping: Yes

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

Monitoring Description:

A flow meter will be used to verify water flow rate of scrubber. The flow rate will be measured and recorded once per day to verify that this control device is working properly. This is to indicate compliance with facility CAP.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 140 gallons per minute

Upper Permit Limit: 170 gallons per minute

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 43: Capping Monitoring Condition**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 43.1:**

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:

6NYCRR 201-6.1(a)

40CFR 52-A.21

**Item 43.2:**

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

**Item 43.3:**

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 43.4:**

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



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threshold levels that would require compliance with an applicable requirement.

**Item 43.5:**

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 43.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1

Process: BH1

Regulated Contaminant(s):

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

CAS No: 0NY075-00-0 PARTICULATES

**Item 43.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

While operating this process in normal mode, the source owner shall operate the baghouse (i.e. B39) within the pressure drop range that was determined during recent compliance testing. Pressure drop readings will be monitored and recorded once per day to demonstrate proper operation of the baghouse and effective control of Particulates an PM-10. Based upon the results of the recent stack testing the typical operating range is between 2 to 4 inches of water on a magnehelic.

Any noncompliance with the pressure drop range in this condition must be reported by sending a copy of such record to the NYSDEC, Region 6, within 30 days of the occurrence.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 2 inches of water

Upper Permit Limit: 4 inches of water

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.



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

**Condition 44: Capping Monitoring Condition**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 44.1:**

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:

6NYCRR 201-6.1(a)  
40CFR 52-A.21

**Item 44.2:**

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

**Item 44.3:**

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 44.4:**

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 44.5:**

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 44.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1  
Process: BH2

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



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**Facility DEC ID: 6301300091**

**Item 44.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

While operating this process in normal mode, the source owner shall operate the baghouse (i.e. B40) within the pressure drop range determined during the recent compliance test. Pressure drop readings will be monitored and recorded once per day to demonstrate proper operation of the baghouse and effective control of Particulates and PM10. Verification of effective control for Particulates and PM-10 based upon manufactures pressure drop range occurred during recent compliance testing. Based upon the results of the recent stack testing the typical operating range is between 2 to 4 inches of water on a magnehelic.

Any noncompliance with the pressure drop range in this condition must be reported by sending a copy of such record to the NYSDEC, Region 6, within 30 days of the occurrence.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 2 inches of water

Upper Permit Limit: 4 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 45: Capping Monitoring Condition**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 45.1:**

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:



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6NYCRR 201-6.1(a)  
40CFR 52-A.21

**Item 45.2:**

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

**Item 45.3:**

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 45.4:**

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 45.5:**

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 45.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1  
Process: BP1

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

**Item 45.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

This process is limited to 240 hr/yr of operation as a result of an existing federally enforceable special permit condition established to limit particulate and pm-10 emissions. The facility shall monitor and keep records of by-pass hours for any 12-month rolling period to



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demonstrate that the 12-month rolling operating hours are below 240 hr/yr. Compliance with the limit shall be used as part of a demonstration of compliance with the 25 tpy annual limit on a 12-month rolling basis for Particulates and 15 tpy on a 12-month rolling basis for PM-10, and compliance with facility cap of 90 tpy for Particulates and PM-10.

Any noncompliance with the hours of operation in by-pass mode limit in this condition must be reported by sending a copy of such record to the nysdec, region 6 office, within 30 days of the occurrence.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 240 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 46: Capping Monitoring Condition**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 46.1:**

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:

6NYCRR 201-6.1(a)

40CFR 52-A.21

**Item 46.2:**

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

**Item 46.3:**

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 46.4:**



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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 46.5:**

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 46.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1

Process: BP2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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

**Item 46.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This process is limited to 240 hr/yr of operation as a result of an existing federally enforceable special permit condition established to limit particulate and pm-10 emissions. The facility shall monitor and keep records of by-pass hours for any 12-month rolling period to demonstrate that the 12-month rolling operating hours are below 240 hr/yr. This limit will be part of the demonstration of the facility CAP on Particulates and PM-10.

Any noncompliance with the hours of operation in by-pass mode limit in this condition must be reported by sending a copy of such record to the nysdec, region 6 office, within 30 days of the occurrence.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 240 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Facility DEC ID: 6301300091



**Condition 47: Capping Monitoring Condition**  
**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 47.1:**

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:

40CFR 52-A.21

**Item 47.2:**

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

**Item 47.3:**

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 47.4:**

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 47.5:**

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 47.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1 Emission Point: 00039

Regulated Contaminant(s):

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

CAS No: 0NY075-00-0 PARTICULATES

**Item 47.7:**

Compliance Demonstration shall include the following monitoring:

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Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emissions from emission unit processes BH1 and BP1 for any consecutive 12-month annual rolling period shall be limited to 25 tpy for particulates and 15 tpy for PM-10. Production information, control equipment monitoring, and emission factors developed for Particulates and PM-10 from recent stack tests shall be used to calculate emissions from the process sources.

Reports will be submitted annually, in a format acceptable to the commissioner's representative, which document that the facility's processes Particulate emissions over any consecutive 12 month period were below 25 tpy and below 15 tpy for PM-10. The annual reports must include information that documents the Particulate and PM-10 emissions from the processes indicated above. The report must also include all emission factors and other data used in calculating the monthly Particulate and PM-10 emissions.

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

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 1/30/2006.

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

**Condition 48: Compliance Demonstration**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 227-1.2(a)(2)**

**Item 48.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-COMB1 Emission Point: 00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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**Item 48.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a boiler or combination of boilers (connected to the same emission point) with a maximum heat input exceeding 50 mmBtu per hour but no greater than 250 mmBtu per hour firing oil, other than distillate oil.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.20 pounds per million Btus

Reference Test Method: Method 5 / Method 17

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 49: Capping Monitoring Condition**

**Effective between the dates of 08/16/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7.2(c)**

**Item 49.1:**

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:

6NYCRR 201-6.1(a)

40CFR 52-A.21

**Item 49.2:**

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

**Item 49.3:**

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 49.4:**

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



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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 49.5:**

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 49.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OVER1

Process: OVR                      Emission Source: 00C31

Regulated Contaminant(s):

CAS No: 0NY075-00-5    PM-10

CAS No: 0NY075-00-0    PARTICULATES

**Item 49.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

A flow meter will be used to verify the water flow to the scrubber. The flow rate will be measured and recorded once per day to verify that the control device is operating properly, in order to meet the CAP

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 800 gallons per minute

Upper Permit Limit: 1200 gallons per minute

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY