

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: _____ Expiration Date: _____

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

Facility: REVERE COPPER PRODUCTS INC
 ONE REVERE PARK
 ROME, NY 13440

Contact: David Ozog
 Revere Copper Products Inc
 1 Revere Park
 Rome, NY 13440
 (315) 338-2160

Description:

This Air State Facility Permit renewal/modification is issued pursuant to Article 19 (Air Pollution Control) of the Environmental Conservation Law. This facility is located at Revere Copper Products, One Revere Park, Rome, NY 13440.

This Permit allows the operations of emission units, U-ANNE1, U-CAST1, U-COMB1, U-FURN1, U-GALV1, U-OVER1, and the U-ROLL1, which includes copper annealing, furnaces to melt and pour copper and copper alloy, combustion sources for heat, furnaces to heat copper cake before rolling, shaving the outside of copper alloy materials, a zinc-tin coating operation, and the rolling of copper and copper alloy sheets. The facility is subject to EPA regulations 40 CFR 63 Subpart ZZZZ, 40 CFR 60 Subpart JJJJ. The facility is now using Number 2 fuel oil and will no longer use number 6 oil, and will operate the boilers on Natural Gas. The facility is capping out of Title V Permitting and Prevention of Significant Deterioration (PSD) requirements by tracking and restricting its emissions of Hazardous Air Pollutants (HAPs), Particulates, particulate matter less than 10 microns (PM-10), and carbon dioxide equivalents (CO2e) below major source levels. Facility-wide emissions are capped below the major source thresholds of 10 tons per year for Individual HAP emissions, 25 tons per year for total HAP emissions, 100 tons per year for particulates and PM-10, and 100,000 tons per year of CO2e. Emissions are also capped at 25 tons per year for Particulates

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and 15 tons per year for PM-10 on emission at a process level for certain copper melting furnaces to avoid requirements under PSD regulations.

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: TODD J PHILLIPS
NYSDEC - UTICA SUBOFFICE
207 GENESEE ST
UTICA, NY 13501

Authorized Signature: _____
Date: ___ / ___ / _____

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Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

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- 6 4 Permit modifications, suspensions or revocations by the Department

Facility Level

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

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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 6
SUBOFFICE - UTICA
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 6 Sub-office
Division of Environmental Permits
State Office Building, 207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

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

Facility: REVERE COPPER PRODUCTS INC
ONE REVERE PARK
ROME, NY 13440

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

Permit Effective Date:

Permit Expiration Date:

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- 7 2 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- 7 *3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 9 *4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 11 *5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 12 *6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 13 *7 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 15 8 6 NYCRR 211.2: Visible Emissions Limited
- 15 9 6 NYCRR 212-2.1 (b): Compliance Demonstration
- 17 10 6 NYCRR 212-2.1 (b): Compliance Demonstration
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- 25 20 6 NYCRR 226-1.5 (a): Compliance Demonstration
- 25 21 40CFR 60, NSPS Subpart JJJJ: Applicability
- 25 22 40CFR 63.6595(a)(1), Subpart ZZZZ: Compliance date for existing RICE
- 26 23 40CFR 63.6603(a), Subpart ZZZZ: Compliance Demonstration
- 27 24 40CFR 63.6605(a), Subpart ZZZZ: Compliance required at all times
- 27 25 40CFR 63.6605(b), Subpart ZZZZ: Operate and maintain air pollution control and monitoring equipment consistent with good engineering practices
- 27 26 40CFR 63.6625(e), Subpart ZZZZ: Compliance Demonstration
- 28 27 40CFR 63.6625(f), Subpart ZZZZ: Compliance Demonstration
- 29 28 40CFR 63.6625(h), Subpart ZZZZ: Compliance Demonstration
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- 31 32 40CFR 63.6655(a), Subpart ZZZZ: Compliance Demonstration
- 32 33 40CFR 63.6655(e), Subpart ZZZZ: Compliance Demonstration
- 33 34 40CFR 63.6655(f), Subpart ZZZZ: Compliance Demonstration
- 34 35 40CFR 63.6660, Subpart ZZZZ: Compliance Demonstration
- 34 36 40CFR 63.6665, Subpart ZZZZ: General provisions

Emission Unit Level

- 34 37 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

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

- 35 *38 6 NYCRR Subpart 201-7: Capping Monitoring Condition

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

- 37 *39 6 NYCRR Subpart 201-7: Capping Monitoring Condition

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- 38 **EU=U-CAST1,Proc=BH1**
 *40 6 NYCRR Subpart 201-7: Capping Monitoring Condition

- 40 **EU=U-CAST1,Proc=BH2**
 *41 6 NYCRR Subpart 201-7: Capping Monitoring Condition

- EU=U-CAST1,EP=00039**
- 41 *42 6 NYCRR Subpart 201-7: Capping Monitoring Condition

- EU=U-OVER1,Proc=OVR**
- 43 43 6 NYCRR 212-2.1 (b): Compliance Demonstration

- EU=U-OVER1,Proc=OVR,ES=00C31**
- 44 *44 6 NYCRR Subpart 201-7: Capping Monitoring Condition

- EU=U-ROLL1,Proc=ROL,ES=01723**
- 46 45 6 NYCRR 212-2.1 (b): Compliance Demonstration

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- 50 47 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 50 48 6 NYCRR Subpart 201-5: Emission Unit Definition
- 53 49 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 53 50 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 53 51 6 NYCRR 211.1: Air pollution prohibited
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- 54 52 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 56 53 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

FEDERALLY ENFORCEABLE CONDITIONS

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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

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

(a) Except as otherwise provided by this Part, construction or operation of a new, modified or existing air contamination source

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without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

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

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

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

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

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

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

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

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

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

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

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control requirements, regulations, or law.

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

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

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item K: Permit Exclusion - ECL 19-0305

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

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

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: Recycling and Emissions Reduction
Effective for entire length of Permit

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Applicable Federal Requirement:40CFR 82, Subpart F

Item 1.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

**Condition 2: Facility Permissible Emissions
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2.1:

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

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

| | |
|---|------------------------------|
| CAS No: 0NY075-00-0 Name: PARTICULATES | PTE: 180,000 pounds per year |
| CAS No: 0NY075-00-5 Name: PM-10 | PTE: 180,000 pounds per year |
| CAS No: 0NY075-02-5 Name: PM 2.5 | PTE: 180,000 pounds per year |
| CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN | PTE: 190,000 pounds per year |

**Condition 3: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3.1:

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

6 NYCRR 201-6.1 (a)
40 CFR 52.21

Item 3.2:

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

Item 3.3:

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

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Item 3.4:

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

Item 3.5:

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

Item 3.6:

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

Emission Unit: U-CAST1
Process: BP1

Emission Unit: U-CAST1
Process: BP2

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

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

These processes are limited to 240 hrs/yr of operation each 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. 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, PM-10, and PM 2.5.

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.

Compliance with this requirement shall allow the facility to be in compliance with 6 NYCRR Part 212-2.1(a) with the MEL for the following HTACs: Cadmium compounds, Chromium compounds, Lead Compounds Mercury

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Compounds, Nickel Compounds, that are given an A rating. As well as 6 NYCRR Part 212-2.1(b) for B-rated contaminants (iron oxide, copper oxide, and graphite) with MEL less than 100 lbs/yr.

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

**Condition 4: Capping Monitoring Condition
 Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 4.1:

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

6 NYCRR Subpart 201-6
 40 CFR 52.21

Item 4.2:

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

Item 4.3:

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

Item 4.4:

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

Item 4.5:

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

Item 4.6:

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

Emission Unit: U-CAST1
Process: BP1

Emission Unit: U-CAST1
Process: BP2

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10
CAS No: 0NY075-02-5 PM 2.5
CAS No: 0NY075-00-0 PARTICULATES

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility-wide emissions of Particulates, PM-10 and PM 2.5 for any 12-month rolling period shall be limited to 90 tpy. As part of the cap the facility is controlling emission from the processes using a cyclone to 10% or greater.

To verify this emission reduction the facility shall conduct a stack test within 180 days of issuance of the permit, and as further required in this condition. During the testing control parameters will be determined in order to monitor the control equipment.

If the percent degree of air cleaning is lower than the limit, the facility will redo the modeling and make any modifications to the permit necessary, and the facility will provide notification of the steps that will be taken to achieve compliance within 30 days of receiving the results of the testing.

The required testing will be in compliance with Part 202-2 of this title. All reports will be in a format acceptable to the department and submitted as required.

Compliance with this requirement shall allow the facility to be in compliance with 6 NYCRR Part 212-2.1(a) with the MEL for the following HTACs: Cadmium compounds, Chromium compounds, Lead Compounds Mercury

Compounds, Nickel Compounds. As well as 6 NYCRR Part 212-2.1(b) for B-rated contaminants (iron oxide, copper oxide, and graphite) with MEL less than 100 lbs/yr.

Lower Permit Limit: 10 percent degree of air cleaning or greater

Reference Test Method: Method 5, 202

Monitoring Frequency: ONCE EVERY TEN YEARS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD

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INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

**Condition 5: Capping Monitoring Condition
 Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 5.1:

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

6 NYCRR 201-6.1 (a)

Item 5.2:

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

Item 5.3:

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

Item 5.4:

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

Item 5.5:

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

Item 5.6:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility-wide emissions, including those from permitted, exempt, and trivial sources, of NO_x for any consecutive 12-month period shall be limited to 95 tpy. Fuel oil usage, natural gas usage, 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_x emissions over any consecutive 12-month period were below 95 tpy. The annual reports must include information that documents the NO_x emissions from each emission source, including exempt sources at the facility. The report must also include all emission factors and other data used in calculating the monthly NO_x emissions.

Any noncompliance with the NO_x 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.

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

Condition 6: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 6.1:

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

6 NYCRR 201-6.1 (a)
40 CFR 52.21

Item 6.2:

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

Item 6.3:

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.

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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 6.4:

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 6.5:

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 6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

| | |
|---------------------|--------------|
| CAS No: 0NY075-00-0 | PARTICULATES |
| CAS No: 0NY075-02-5 | PM 2.5 |
| CAS No: 0NY075-00-5 | PM-10 |

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility-wide emissions of Particulates, PM-10 and PM 2.5 for any 12-month rolling period shall be limited to 90 tpy. Fuel oil usage, natural gas usage, 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 baghouses operation (i.e., B39 and B40) will be maintained on-site. Records on the regular maintenance of mist eliminators (i.e. C29, C30, and C36) and dust collector (i.e. B500) as described in the PM manual will be maintained on-site. In addition, records on the operation of the scrubbers (i.e., C31, S38 and S40), will be maintained on-site .

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 7: Capping Monitoring Condition
Effective for entire length of Permit**

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 7.1:

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:

40 CFR 52.21

Item 7.2:

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

Item 7.3:

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 7.4:

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 7.5:

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 7.6:

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

Emission Unit: U-CAST1 Emission Point: 00039
Process: BH1

Emission Unit: U-CAST1 Emission Point: 00040
Process: BH2

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

Item 7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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Facility DEC ID: 6301300091

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

Monitoring Description:

The facility-wide emissions of particulates is limited to 90 tons per year. While operating this process in normal mode, the source owner shall operate the baghouse (i.e. B39/B40) 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 and PM-10. Based upon the results of the recent stack testing the typical operating range is between 2 to 6 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.

Compliance with this requirement shall allow the facility to be in compliance with 6 NYCRR Part 212-2.1(a) with the MEL for the following HTACs: Cadmium compounds, Chromium compounds, Lead Compounds Mercury

Compounds, Nickel Compounds, that are given an A rating. As well as 6 NYCRR Part 212-2.1(b) for B-rated contaminants (iron oxide, copper oxide, and graphite) with MEL less than 100 lbs/yr.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 2 inches of water

Upper Permit Limit: 6 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.

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

Condition 8: Visible Emissions Limited
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 211.2

Item 8.1:

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

Condition 9: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212-2.1 (b)

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Facility DEC ID: 6301300091

Reports due 30 days after the reporting period.
 Subsequent reports are due every 12 calendar month(s).

Condition 11: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 212-2.1 (b)

Item 11.1:

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

Emission Unit: U-ROLL1
 Process: ROL Emission Source: 01176

Emission Unit: U-ROLL1
 Process: ROL Emission Source: 01706

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

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The contaminant listed above has been given an Environmental Rating (ER) of B. Non-criteria contaminants given an ER of B and having an emission rate potential (ERP) of less than 10 pounds per hour must demonstrate that ambient impacts of each contaminant at the fence line of the facility are less than the annual (AGC) and short term (SGC) guideline concentrations for the air contaminant, as specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants.

The facility will perform a stack test on the emission source 180 days after issuance of the permit and as required in this condition. This will verify control efficiency meets the limit stated below for emission of Triazine, 1,3,5- (2H,4H,6H) Triethanol. Testing can be done using Condensable Particulates as a surrogate.

This will ensure that the emissions of Triazine, 1,3,5- (2H,4H,6H) Triethanol meet the levels such that they are less than the AGC. If the percent degree of air cleaning is lower than the limit, the facility will redo the modeling and make any modifications to the permit necessary, and the facility will provide notification of the steps that will be taken to achieve compliance within 30 days of receiving the results of the testing.

Lower Permit Limit: 10 percent degree of air cleaning or greater
 Reference Test Method: Method 202

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Monitoring Frequency: ONCE EVERY TEN YEARS
 Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

**Condition 12: Compliance Demonstration
 Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 212-2.1 (b)

Item 12.1:

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

| | |
|---------------------------|-----------------------|
| Emission Unit: U-CAST1 | Emission Point: 00039 |
| Emission Unit: U-CAST1 | Emission Point: 00040 |
| Regulated Contaminant(s): | |
| CAS No: 0NY075-02-5 | PM 2.5 |

Item 12.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The contaminant listed above has been given an Environmental Rating (ER) of B and has an emission rate potential (ERP) of greater than or equal to 20 lb/hr and less than 100 lb/hr. As such, the facility must demonstrate a control efficiency of at least 91% is achieved, as specified in Subdivision 212-2.3(a), Table 3 – Degree of Air Cleaning Required for Criteria Air Contaminants.

While operating this process the source owner shall operate the baghouse within the pressure drop range determined during the most recent Department-approved performance test. Pressure drop readings will be monitored and recorded once per operating day to demonstrate proper operation of the cyclone and baghouse and effective control of PM-2.5. Until such time that a new performance test is conducted, the pressure limit in the current permit will be used (i.e., 2 to 6 inches of water).

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.

Other B-rated constituents (iron oxide, copper oxide, and graphite) have estimated ERPs greater than 10 lb/hr and are subject to 90% control in accordance with 212-2.3(b) Table 4. Compliance with the 91%

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NYSDEC of 0.06 µg/m³.

The allowable annual operating hours will be adjusted based on the most recent Department-approved post-control hourly emission rate. The facility maintains monthly records of operating hours of the Reversing Mill (emission source 01723) to demonstrate 12-month operating hours are less than the annual operating hour cap.

Parameter Monitored: HOURS OF OPERATION
Upper Permit Limit: 7858 hours per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 14: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 212-2.1 (b)

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007440-50-8 COPPER

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The contaminant listed above has been given an Environmental Rating (ER) of B. Non-criteria contaminants given an ER of B and having an emission rate potential (ERP) of less than 10 pounds per hour must demonstrate that ambient impacts of each contaminant at the fence line of the facility are less than the annual (AGC) and short term (SGC) guideline concentrations for the air contaminant, as specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants.

The facility has reestablished the boundary of the facility in the parking lot in order to meet the AGC by erecting specific signs and utilizing parking lot cameras to monitor activity in the parking lot area. The facility will certify on a monthly basis that there has been no public access to this portion of the parking lot. The facility will submit appropriate information to the department with the facility semi-annual monitoring report.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

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

**Condition 15: Compliance Demonstration
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 225-1.2 (d)

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

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 16: Compliance Demonstration
Effective for entire length of Permit**

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

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must maintain records of excess emissions. The owner or operator must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the

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nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance[s] takes place. These records must be kept on site or at a Department approved alternative location for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 3 calendar month(s).

Condition 17: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 226-1.3

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators conducting solvent cleaning processes must:

(a) 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;

(b) maintain equipment to minimize leaks and fugitive emissions;

(c) display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs;

(d) keep the degreaser cover closed except when parts are being placed into or being removed from the degreaser, the cover needs to be open in order to remove solvent from the degreaser, no solvent is in the degreaser, or manually cleaning parts in a cold cleaning degreaser;

(e) create and maintain a record of solvent consumption for five years. This record must be retained for five years and made available to the department upon request;

(f) not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser; and

(g) if using a cold cleaning degreaser that is subject to paragraph 6 NYCRR 226-1.4(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request.

An invoice, bill of sale, a certificate covering multiple sales, manufacturers published information, or other appropriate documentation acceptable to the Department may be used to comply with this requirement:

(1) name and address of the solvent supplier;

(2) the type of solvent including the product or vendor identification number; and

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(3) the VOC content of the cleaning solution in grams per liter (gm/l) to verify compliance.

Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 12 calendar month(s).

Condition 18: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 226-1.4 (a)

Item 18.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 18.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The following Control requirements must be used by an owner or operator conducting solvent cleaning, if the internal volume of the machine is greater than two gallons:

- (1) a cover which can be easily operated and
- (2) an internal drainage facility (under cover), if practical,
- (3) cleaning solution with a maximum VOC content of 25 grams per liter at 20 degrees Celsius must be used.

This condition does not apply to degreasers as specified in subparagraphs 226-1.4(a)(4)(i)-(iii).

Parameter Monitored: VOC CONTENT
 Upper Permit Limit: 25 grams per liter
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 12 calendar month(s).

Condition 19: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 226-1.4 (a) (3)

Item 19.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 19.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator of a cold cleaning degreasing machine with an internal volume greater than two gallons must implement 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 condition does not apply to remote reservoir degreasers.

Parameter Monitored: FREEBOARD RATIO
Lower Permit Limit: 0.5 freeboard ratio
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 20: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 226-1.5 (a)

Item 20.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

For cold cleaning degreasing, the clean parts shall be drained at least 15 seconds or until dripping ceases.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DEGREASING UNITS
Parameter Monitored: DURATION
Lower Permit Limit: 15 seconds
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 21: Applicability
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60, NSPS Subpart JJJJ

Item 21.1:

Facilities that have stationary spark ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart JJJJ.

Condition 22: Compliance date for existing RICE
Effective for entire length of Permit

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Applicable Federal Requirement:40CFR 63.6595(a)(1), Subpart ZZZZ**Item 22.1:**

The owner or operator of an existing stationary RICE, excluding existing non-emergency CI stationary RICE, with a site rating of more than 500 brake HP located at a major source of HAP emissions must comply with the applicable emission limitations, operating limitations and other requirements no later than June 15, 2007. The owner or operator of an existing non-emergency CI stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, an existing stationary CI RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, or an existing stationary CI RICE located at an area source of HAP emissions must comply with the applicable emission limitations, operating limitations, and other requirements no later than May 3, 2013. The owner or operator of an existing stationary SI RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, or an existing stationary SI RICE located at an area source of HAP emissions must comply with the applicable emission limitations, operating limitations, and other requirements no later than October 19, 2013.

**Condition 23: Compliance Demonstration
Effective for entire length of Permit****Applicable Federal Requirement:40CFR 63.6603(a), Subpart ZZZZ****Item 23.1:**

The Compliance Demonstration activity will be performed for the Facility.

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing emergency and black start spark ignition stationary RICE located at an area source of HAP emissions must comply with the following maintenance procedures:

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

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 24: Compliance required at all times
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 63.6605(a), Subpart ZZZZ

Item 24.1:

Facility must be in compliance with the emission limitations and operating limitations in 40 CFR 63 Subpart ZZZZ that apply to them at all times.

**Condition 25: Operate and maintain air pollution control and monitoring equipment
consistent with good engineering practices
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 63.6605(b), Subpart ZZZZ

Item 25.1:

Facility must operate and maintain its stationary RICE, including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.

**Condition 26: Compliance Demonstration
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 63.6625(e), Subpart ZZZZ

Item 26.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any of the following stationary RICE must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

(1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions;

(2) An existing emergency or black start stationary RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions;

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- (3) An existing emergency or black start stationary RICE located at an area source of HAP emissions;
- (4) An existing non-emergency, non-black start stationary compression ignition RICE with a site rating less than or equal to 300 brake horsepower located at an area source of HAP emissions;
- (5) An existing non-emergency, non-black start 2 stroke lean burn stationary RICE located at an area source of HAP emissions;
- (6) An existing non-emergency, non-black start stationary RICE located at an area source of HAP emissions which combusts landfill or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis;
- (7) An existing non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;
- (8) An existing non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;
- (9) An existing, non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year; and
- (10) An existing, non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 27: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.6625(f), Subpart ZZZZ

Item 27.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE

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located at an area source of HAP emissions, must install a non-resettable hour meter if one is not already installed.

Monitoring Frequency: MONTHLY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 12 calendar month(s).

Condition 28: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.6625(h), Subpart ZZZZ

Item 28.1:
 The Compliance Demonstration activity will be performed for the Facility.

Item 28.2:
 Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

For operation of a new, reconstructed, or existing stationary engine, the engine's time spent at idle must be minimized during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to 40 CFR 63 Subpart ZZZZ apply.

Parameter Monitored: DURATION OF START UP
 Upper Permit Limit: 30 minutes
 Monitoring Frequency: CONTINUOUS
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 12 calendar month(s).

Condition 29: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.6625(i), Subpart ZZZZ

Item 29.1:
 The Compliance Demonstration activity will be performed for the Facility.

Item 29.2:
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

The owner or operator of a stationary CI engine that is subject to the work, operation or management practices in items 1 or 2 of Table

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2c to subpart ZZZZ or in items 1 or 4 of Table 2d to subpart ZZZZ has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.6625(j), Subpart ZZZZ

Item 30.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary SI engine that is subject to the work, operation or management practices in items 6, 7, or 8 of Table 2c to subpart ZZZZ or in items 5, 6, 7, 9, or 11 of Table 2d to subpart ZZZZ has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the

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viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 31: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63.6640(f), Subpart ZZZZ

Item 31.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE must operate the emergency stationary RICE according to the requirements in 40 CFR 63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in 40 CFR 63.6640(f)(1) through (4), is prohibited. If the owner or operator does not operate the engine according to the requirements in 40 CFR 63.6640(f)(1) through (4), the engine will not be considered an emergency engine under subpart ZZZZ and must meet all requirements for non-emergency engines.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 32: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63.6655(a), Subpart ZZZZ

Item 32.1:

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The Compliance Demonstration activity will be performed for the Facility.

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must keep the records described in paragraphs (1) through (5).

(1) A copy of each notification and report that the owner or operator submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that he/she submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).

(2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(3) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 33: Compliance Demonstration
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 63.6655(e), Subpart ZZZZ

Item 33.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that he/she operated and maintained the stationary RICE and after-treatment control device

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(if any) according to the maintenance plan for the following stationary RICE;

- (1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions.
- (2) An existing stationary emergency RICE.
- (3) An existing stationary RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to subpart ZZZZ.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 34: Compliance Demonstration
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 63.6655(f), Subpart ZZZZ

Item 34.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 34.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operation of any of the stationary RICE in paragraphs (1) or (2) below, requires the owner/operator to keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

- (1) An existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions that does not meet the standards applicable to non-emergency engines.
- (2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 35: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.6660, Subpart ZZZZ

Item 35.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records must be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).

As specified in 40 CFR 63.10(b)(1), the owner or operator must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

The owner or operator must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 36: General provisions
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.6665, Subpart ZZZZ

Item 36.1:

Table 8 of 40 CFR 63 Subpart ZZZZ shows which parts of the General Provisions 40 CFR 63.1 through 40 CFR 63.15 apply to this facility. Facility is responsible for ensuring they comply with all General Provisions contained in Table 8.

**** Emission Unit Level ****

Condition 37: Emission Unit Permissible Emissions
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

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Item 37.1:

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

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

Emission Unit: U-COMB1

CAS No: 0NY075-00-0

Name: PARTICULATES

PTE(s): 3.33 pounds per hour

29,156 pounds per year

Emission Unit: U-OVER1

CAS No: 0NY075-00-0

Name: PARTICULATES

PTE(s): 32 pounds per hour

19,441 pounds per year

Emission Unit: U-ROLL1

CAS No: 0NY075-00-0

Name: PARTICULATES

PTE(s): 3.05 pounds per hour

22,232 pounds per year

**Condition 38: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 38.1:

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

6 NYCRR 201-6.1 (a)

40 CFR 52.21

Item 38.2:

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

Item 38.3:

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 38.4:

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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 38.5:

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 38.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ANNE1
Process: PCK Emission Source: 00S38

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

Item 38.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The owner or operator shall use a flow meter to verify the water flow to the scrubber used to control particulate emissions from this source. 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.

Reports will be submitted semi- annually, in a format acceptable to the commissioner's representative, which document the facility's flow meter readings are within the limits stated below. The semi-annual reports must include information that documents the water flow rate readings for the scrubber.

Any noncompliance with the water flow rate 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.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 240 gallons per minute

Monitoring Frequency: DAILY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY
TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Capping Monitoring Condition

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Monitoring Description:

The owner or operator shall use a flow meter to verify the water flow to the scrubber used to control particulate emissions from this source. 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.

Reports will be submitted semi- annually, in a format acceptable to the commissioner's representative, which document the facility's flow meter readings are within the limits stated below. The semi-annual reports must include information that documents the water flow rate readings for the scrubber.

Any noncompliance with the water flow rate 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.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 78 gallons per minute

Monitoring Frequency: DAILY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 40: Capping Monitoring Condition
Effective for entire length of Permit****Applicable Federal Requirement:6 NYCRR Subpart 201-7****Item 40.1:**

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

6 NYCRR Subpart 201-6
40 CFR 52.21

Item 40.2:

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

Item 40.3:

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 40.4:

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

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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 40.5:

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 40.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1
 Process: BH1

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

Item 40.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility-wide emissions of Particulates, PM-10 and PM 2.5 for any 12-month rolling period shall be limited to 90 tpy. As part of the cap the facility is controlling emission from this process using a cyclone and baghouse to 95% or greater.

To verify this emission reduction the facility shall conduct a stack test within 180 days of issuance of the permit, and as further required in this condition. During the testing control parameters will be determined in order to monitor the control equipment.

If the percent degree of air cleaning is lower than the limit, the facility will redo the modeling and make any modifications to the permit necessary, and the facility will provide notification of the steps that will be taken to achieve compliance within 30 days of receiving the results of the testing.

The required testing will be in compliance with Part 202-2 of this title. All reports will be in a format acceptable to the department and submitted as required.

Compliance with this requirement shall allow the facility to be in compliance with 6 NYCRR Part 212-2.1(a) with the MEL for the following HTACs: Cadmium compounds, Chromium compounds, Lead Compounds Mercury

Compounds, Nickel Compounds, that are given an A rating. As well as 6 NYCRR Part 212-2.1(b) for B-rated contaminants (iron oxide, copper oxide, and graphite) with emissions greater than the MEL for

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non-HTACs.

Lower Permit Limit: 95 percent degree of air cleaning or greater
 Reference Test Method: Mehtod 5, 201A
 Monitoring Frequency: ONCE EVERY TEN YEARS
 Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

**Condition 41: Capping Monitoring Condition
 Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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:

6 NYCRR 201-6.1
 40 CFR 52.21

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 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 41.4:

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 41.5:

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 41.6:

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-CAST1
 Process: BH2

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

Item 41.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility-wide emissions of Particulates, PM-10 and PM 2.5 for any 12-month rolling period shall be limited to 90 tpy. As part of the cap the facility is controlling emission from this process using a cyclone and baghouse to 99% or greater.

To verify this emission reduction the facility shall conduct a stack test within 180 days of issuance of the permit, and as further required in this condition. During the testing control parameters will be determined in order to monitor the control equipment.

If the results of the testing the percent control is less than as indicated in this condition the facility will take proper steps to modify the permit. If the results of the testing the percent control is less than as indicated in this condition the facility will take proper steps to modify the permit.

The required testing will be in compliance with Part 202-2 of this title. All reports will be in a format acceptable to the department and submitted as required.

Compliance with this requirement shall allow the facility to be in compliance with 6 NYCRR Part 212-2.1(a) with the MEL for the following HTACs: Cadmium compounds, Chromium compounds, Lead Compounds Mercury

Compounds, Nickel Compounds, that are given an A rating. As well as 6 NYCRR Part 212-2.1(b) for B-rated contaminants (iron oxide, copper oxide, and graphite) with emissions greater than the MEL for non-HTACs.

Lower Permit Limit: 99 percent degree of air cleaning or greater
 Reference Test Method: Method 5, 201A
 Monitoring Frequency: ONCE EVERY TEN YEARS
 Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

**Condition 42: Capping Monitoring Condition
 Effective for entire length of Permit**

Permit ID: 6-3013-00091/00039

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Applicable Federal Requirement: 6 NYCRR Subpart 201-7

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:

40 CFR 52.21

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-CAST1 Emission Point: 00039

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:

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

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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.

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

Condition 43: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 212-2.1 (b)

Item 43.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OVER1

Process: OVR

Regulated Contaminant(s):

CAS No: 007440-50-8 COPPER

Item 43.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The contaminant listed above has been given an Environmental Rating (ER) of B. Non-criteria contaminants given an ER of B and having an emission rate potential (ERP) of less than 10 pounds per hour must demonstrate that ambient impacts of each contaminant at the fence line of the facility are less than the annual (AGC) and short term (SGC) guideline concentrations for the air contaminant, as specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants.

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The facility will perform a stack test on the emission source 180 days after issuance of the permit and as required in the condition. This will verify control efficiency meets the limit stated below and emission of copper. Testing can be done using Filterable Particulates as a surrogate.

This will ensure that the emissions of copper and copper oxide meet the levels such that they are less than the AGC. If the percent degree of air cleaning is lower than the limit, the facility will redo the modeling and make any modifications to the permit necessary, and the facility will provide notification of the steps that will be taken to achieve compliance within 30 days of receiving the results of the testing.

Lower Permit Limit: 91 percent degree of air cleaning or greater

Reference Test Method: Method 5

Monitoring Frequency: ONCE EVERY TEN YEARS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 44: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

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:

6 NYCRR 201-6.1 (a)
40 CFR 52.21

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

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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-OVER1

Process: OVR

Emission Source: 00C31

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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:

The owner or operator shall use a flow meter to verify the water flow to the scrubber used to control particulate emissions from this source. 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. While operating this process the source owner shall operate the scrubber within the flow rate range determined during the most recent Department-approved performance test

Reports will be submitted semi- annually, in a format acceptable to the commissioner's representative, which document the facility's flow meter readings are within the limits stated below. The semi-annual reports must include information that documents the water flow rate readings for the scrubber.

Any noncompliance with the water flow rate 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.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 400 gallons per minute

Upper Permit Limit: 700 gallons per minute

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.

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

**Condition 45: Compliance Demonstration
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 212-2.1 (b)

Item 45.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ROLL1

Process: ROL

Emission Source: 01723

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 45.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The contaminant listed above has been given an Environmental Rating (ER) of B. Non-criteria contaminants given an ER of B and having an emission rate potential (ERP) of less than 10 pounds per hour must demonstrate that ambient impacts of each contaminant at the fence line of the facility are less than the annual (AGC) and short term (SGC) guideline concentrations for the air contaminant, as specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants.

The facility will perform a stack test on the emission source 180 days after issuance of the permit and as required in this condition. This will verify emission of Triazine, 1,3,5- (2H,4H,6H) Triethanol. Testing can be done using Condensable Particulates as a surrogate.

This will ensure that the emissions of Triazine, 1,3,5- (2H,4H,6H) Triethanol meet the levels such that they are less than the AGC. If the emissions are higher than the limit, the facility will redo the modeling and make any modifications to the permit necessary, and the facility will provide notification of the steps that will be taken to achieve compliance within 30 days of receiving the results of the testing.

Upper Permit Limit: .36 pounds per hour

Reference Test Method: Method 202

Monitoring Frequency: ONCE EVERY TEN YEARS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

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

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

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

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: General Provisions for State Enforceable Permit Terms and Condition -

Air Pollution Control Permit Conditions

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

6 NYCRR Part 201-5

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 46: Contaminant List
Effective for entire length of Permit

Applicable State Requirement: ECL 19-0301

Item 46.1:

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

CAS No: 001317-38-0
Name: COPPER OXIDE

CAS No: 004719-04-4
Name: TRIAZINE, 1,3,5- (2H,4H,6H) TRIETHANOL

CAS No: 007440-50-8
Name: COPPER

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

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

CAS No: 0NY075-02-5
Name: PM 2.5

CAS No: 0NY210-00-0

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Name: OXIDES OF NITROGEN

**Condition 47: Malfunctions and Start-up/Shutdown Activities
Effective for entire length of Permit****Applicable State Requirement:6 NYCRR 201-1.4****Item 47.1:**

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 48: Emission Unit Definition
Effective for entire length of Permit****Applicable State Requirement:6 NYCRR Subpart 201-5**

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Item 48.1:

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 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 exhaust through EPs 00369, 00440, 00367, 00362, 00027, 00189, and 00190 respectively. This emissions unit also encompasses two sulfuric acid pickling lines (machines 1738 and 1740) used to clean copper. Machine nos. 1738 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 48.2:

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

Emission Unit: U-CAST1

Emission Unit Description:

This Emission Unit encompasses the emissions from four induction furnaces (machine nos. 1799, 2443, 2056, and 2728). All of the furnaces are used to recycle (ie melt and pour) post consumer copper. The furnaces produce ingots and rectangular cakes. Furnaces 1799, and 2443 exhaust through EP 00039 and furnaces 2056 and 2728 exhaust through EP 00040. A central vacuum system is used for housekeeping purposes. 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 48.3:

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 (42.0 mmbtu/hr boilers) exhaust through emission point (EP) 00004. Boiler 3 (57.2 mmbtu/hr boiler) exhausts through EP00003. Each boiler is dual-fueled with natural gas as the primary fuel and no. 2 fuel oil as the back-up fuel only during periods of natural gas curtailment or supply interruption, and up to 48 hours per year for periodic testing, maintenance, or operator training on liquid fuel.

Building(s): 15

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Item 48.4:

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 prior to hot rolling. The furnace is fired by natural gas and has a maximum heat input rating of 51.8 mmbtu/hr. The emissions exhaust through EP 00041.

Building(s): 51

Item 48.5:

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

Emission Unit: U-GALV1

Emission Unit Description:

This emission unit consists of a Zinc-Tin coating line to galvanize Copper sheeting. The process consists of five sources for cleaning, surface preparation, sheet pre-heating and galvanizing. The sources include an acid pickling tank, a pre-flux tank, a dryer(exempt) and a Galvanizing pot that includes a top-flux kettle.

Building(s): 51

Item 48.6:

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/rotocone.

Building(s): 51

Item 48.7:

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 sheets. Machine nos. 1176, 1706, 1721, 1723, and 1724 exhaust through EP 00036, 00030, 00029, 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 eliminators and a baffle chamber respectively.

Building(s): 51

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Item 48.8:

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

Emission Unit: U-SOLV1

Emission Unit Description:

This EU encompasses one non-exempt solvent degreaser located in the Rolling Mill Grinding Room. The degreaser exhausts fugitively to the room and uses a Subpart 226-1 compliant solvent.

Building(s): 51

**Condition 49: Renewal deadlines for state facility permits
Effective for entire length of Permit**

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

Item 49.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 50: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 50.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 6
State Office Building
317 Washington Ave.
Watertown, NY 13601

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 51: Air pollution prohibited
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.1

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Item 51.1:

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 52: Emission Point Definition By Emission Unit
Effective for entire length of Permit**

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 52.1:

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

Emission Unit: U-ANNE1

| | | | | |
|-----------------|----------|-----------------|---------|--------------|
| Emission Point: | 00027 | | | |
| Height (ft.): | 100 | Diameter (in.): | 36 | |
| NYTMN (km.): | 4783.831 | NYTME (km.): | 464.723 | Building: 51 |
| Emission Point: | 00028 | | | |
| Height (ft.): | 92 | Diameter (in.): | 19 | |
| NYTMN (km.): | 4783.853 | NYTME (km.): | 464.722 | Building: 51 |
| Emission Point: | 00189 | | | |
| Height (ft.): | 35 | Diameter (in.): | 9 | |
| NYTMN (km.): | 4784.007 | NYTME (km.): | 464.468 | Building: 1 |
| Emission Point: | 00190 | | | |
| Height (ft.): | 42 | Diameter (in.): | 9 | |
| NYTMN (km.): | 4784.028 | NYTME (km.): | 464.452 | Building: 1 |
| Emission Point: | 00362 | | | |
| Height (ft.): | 45 | Diameter (in.): | 9 | |
| NYTMN (km.): | 4784.028 | NYTME (km.): | 464.964 | Building: 51 |
| Emission Point: | 00367 | | | |
| Height (ft.): | 45 | Diameter (in.): | 9 | |
| NYTMN (km.): | 4783.827 | NYTME (km.): | 464.674 | Building: 51 |
| Emission Point: | 00369 | | | |
| Height (ft.): | 55 | Diameter (in.): | 7 | |
| NYTMN (km.): | 4783.863 | NYTME (km.): | 464.709 | Building: 51 |

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Point: 00440
 Height (ft.): 55 Diameter (in.): 3
 NYTMN (km.): 4783.88 NYTME (km.): 464.687 Building: 51

Item 52.2:

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.): 4784.074 NYTME (km.): 464.315 Building: 21

Emission Point: 00040
 Height (ft.): 50 Diameter (in.): 48
 NYTMN (km.): 4784.024 NYTME (km.): 464.282 Building: 21

Emission Point: 00602
 Height (ft.): 18 Diameter (in.): 6
 NYTMN (km.): 4784.083 NYTME (km.): 464.338 Building: 21

Item 52.3:

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.): 4784.069 NYTME (km.): 464.49 Building: 15

Emission Point: 00004
 Height (ft.): 150 Diameter (in.): 84
 NYTMN (km.): 4784.078 NYTME (km.): 464.492 Building: 15

Item 52.4:

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.): 4783.786 NYTME (km.): 464.737 Building: 51

Item 52.5:

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

Emission Unit: U-GALV1

Emission Point: 00600
 Height (ft.): 45 Diameter (in.): 24
 NYTMN (km.): 4783.941 NYTME (km.): 464.624 Building: 51

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Point: 00601
 Height (ft.): 44 Diameter (in.): 22
 NYTMN (km.): 4783.954 NYTME (km.): 464.631 Building: 51

Item 52.6:

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

Emission Unit: U-OVER1

Emission Point: 00031
 Height (ft.): 35 Diameter (in.): 48
 NYTMN (km.): 4783.875 NYTME (km.): 464.775 Building: 51

Item 52.7:

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.): 4783.842 NYTME (km.): 464.655 Building: 51

Emission Point: 00026
 Height (ft.): 57 Diameter (in.): 36
 NYTMN (km.): 4783.903 NYTME (km.): 464.707 Building: 51

Emission Point: 00029
 Height (ft.): 60 Diameter (in.): 72
 NYTMN (km.): 4783.889 NYTME (km.): 464.761 Building: 51

Emission Point: 00030
 Height (ft.): 80 Diameter (in.): 30
 NYTMN (km.): 4783.822 NYTME (km.): 464.77 Building: 51

Emission Point: 00036
 Height (ft.): 45 Diameter (in.): 18
 NYTMN (km.): 4783.899 NYTME (km.): 464.634 Building: 51

**Condition 53: Process Definition By Emission Unit
 Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 53.1:

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 by-products of combustion.

Emission Source/Control: 00464 - Process

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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 53.2:

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 volatized 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 53.3:

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Unit: U-ANNE1

Process: PCK

Source Classification Code: 3-99-999-99

Process Description:

The emissions of acid mists and cleaning material 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: 01738 - Process

Emission Source/Control: 01740 - Process

Item 53.4:

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

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 (machine nos. 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: 01799 - Process

Emission Source/Control: 02443 - Process

Item 53.5:

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 (machine nos. 2056 and 2728). 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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Control Type: FABRIC FILTER

Emission Source/Control: 00C40 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: 02056 - Process

Emission Source/Control: 02728 - Process

Item 53.6:

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. 1799 and 2443, which exhaust through EP00039. 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. Note system bypass hours are also logged when the baghouses automatically shutdown in event of fire/smoke detection.

Emission Source/Control: 00C39 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: 01799 - Process

Emission Source/Control: 02443 - Process

Item 53.7:

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 the cyclones only. In by-pass mode, machine nos. 2056 and 2728, which exhaust through EP00040. 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. Note system bypass hours are also logged when the baghouses automatically shutdown in event of fire/smoke detection.

Emission Source/Control: 00C40 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: 02056 - Process

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Source/Control: 02728 - Process

Item 53.8:

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

Emission Unit: U-CAST1

Process: VAC

Source Classification Code: 3-04-002-99

Process Description:

Central vacuum system to provide exhaust at multiple locations within the Cast Shop. The collected particulates are controlled through a cyclone and cartridge filter. The cartridge filter is located outside at ground level with discharge to the atmosphere.

Emission Source/Control: CSB01 - Control

Control Type: FABRIC FILTER

Emission Source/Control: CSC01 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: CSVAC - Process

Design Capacity: 1,400 cubic feet per minute

Item 53.9:

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 boilers firing residual fuel oil (no. 2) to produce steam for process heating and general heating, during periods of natural gas curtailment or supply interruption, and up to 48 hours per year for periodic testing, maintenance, or operator training on liquid fuel.

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: 57.2 million Btu per hour

Item 53.10:

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 boilers firing natural gas to produce steam for process heating and general heating.

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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: 57.2 million Btu per hour

Item 53.11:

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, used to reheat metal.

Emission Source/Control: 01701 - Process
 Design Capacity: 51.8 million Btu per hour

Item 53.12:

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

Emission Unit: U-GALV1
 Process: GAL Source Classification Code: 3-04-008-05
 Process Description:
 Process consists of metal preheater, top-flux application(Zinc-Potassium Chloride) and galvanizing kettle containing molten Tin(50%) and Zinc(50%) of emission source 02587. Emissions from galvanizing kettle are ducted to emission point 00601. Particulate emission are controlled by a baghouse emission source S6001.

A 9.7 MMBtu/hr natural gas fired furnace is used to preheat metal sheeting and melt Zinc-Tin metal

Emission Source/Control: S6001 - Control
 Control Type: FABRIC FILTER

Emission Source/Control: 02587 - Process

Item 53.13:

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

Emission Unit: U-GALV1
 Process: PIC Source Classification Code: 3-99-999-99
 Process Description:
 Process consists of Hydrochloric Acid pickling /cleaning tank at 180 degree F, and followed by a preflux solution tank (Zinc-Ammonia-Barium) of emission source 02587. Emissions from Hydrochloric Acid and preflux tanks are ducted to and controlled by a wet scrubber emission source S6000

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Source/Control: S6000 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 02587 - Process

Item 53.14:

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/rotocone.

Emission Source/Control: 00C31 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 01715 - Process

Item 53.15:

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

Item 53.16:

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

Emission Unit: U-SOLV1

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Process: SOL

Source Classification Code: 4-01-002-01

Process Description: Solvent emissions from the 550-gallon degreaser

Emission Source/Control: 02600 - Process

Design Capacity: 550 gallons

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Activity Type</u> |
|----------------------------|---|--------------------|--------------------|---|
| <u>Cond</u> | <u>Regulated Contaminant</u> | | | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 3 | **** | | 240 | WORK PRACTICE INVOLVING SPECIFIC OPERATIONS |
| CAP | PARTICULATES | hours | | SEMI-ANNUALLY (CALENDAR) |
| | **** | | | MONTHLY |
| | THESE PROCESSES ARE LIMITED TO 240 HRS/YR OF OPERATION EACH 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. 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, PM-10, AND PM 2.5. | | | ANNUAL MAXIMUM ROLLED MONTHLY |
| | 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. | | | |
| | COMPLIANCE WITH THIS REQUIREMENT SHALL ALLOW THE FACILITY TO BE IN COMPLIANCE WITH 6 NYCRR PART 212-2.1(A) WITH THE MEL FOR THE FOLLOWING HTACS: CADMIUM COMPOUNDS, CHROMIUM COMPOUNDS, LEAD COMPOUNDS MERCURY COMPOUNDS, NICKEL COMPOUNDS, THAT ARE GIVEN AN A RATING. AS WELL AS 6 NYCRR PART 212-2.1(B) FOR B-RATED CONTAMINANTS (IRON OXIDE, COPPER OXIDE, AND GRAPHITE) WITH MEL LESS THAN 100 LBS/YR. | | | |
| | Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-CAST1/PROC: BP1 EU: U-CAST1/PROC: BP2 | | | |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Compliance Assurance Monitoring | | | | Activity Type |
|---|----------------------------------|-------------|---|--|
| Monitored Parameter | | | | Reporting Frequency |
| Cond | Regulated Contaminant | Lower Limit | Upper Limit | Monitoring Frequency |
| Num | Process Material | Units | | Averaging Method |
| 4 | **** CAP PARTICULATES **** | 10 | percent degree of air cleaning or greater | INTERMITTENT EMISSION TESTING SEMI-ANNUALLY (CALENDAR) ONCE EVERY TEN YEARS AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED |
| <p>THE FACILITY-WIDE EMISSIONS OF PARTICULATES, PM-10 AND PM 2.5 FOR ANY 12-MONTH ROLLING PERIOD SHALL BE LIMITED TO 90 TPY. AS PART OF THE CAP THE FACILITY IS CONTROLLING EMISSION FROM THE PROCESSES USING A CYCLONE TO 10% OR GREATER.</p> <p>TO VERIFY THIS EMISSION REDUCTION THE FACILITY SHALL CONDUCT A STACK TEST WITHIN 180 DAYS OF ISSUANCE OF THE PERMIT, AND AS FURTHER REQUIRED IN THIS CONDITION. DURING THE TESTING CONTROL PARAMETERS WILL BE DETERMINED IN ORDER TO MONITOR THE CONTROL EQUIPMENT.</p> <p>IF THE PERCENT DEGREE OF AIR CLEANING IS LOWER THAN THE LIMIT, THE FACILITY WILL REDO THE MODELING AND MAKE ANY MODIFICATIONS TO THE PERMIT NECESSARY, AND THE FACILITY WILL PROVIDE NOTIFICATION OF THE STEPS THAT WILL BE TAKEN TO ACHIEVE COMPLIANCE WITHIN 30 DAYS OF RECEIVING THE RESULTS OF THE TESTING.</p> <p>THE REQUIRED TESTING WILL BE IN COMPLIANCE WITH PART 202-2 OF THIS TITLE. ALL REPORTS WILL BE IN A FORMAT ACCEPTABLE TO THE DEPARTMENT AND SUBMITTED AS REQUIRED.</p> <p>COMPLIANCE WITH THIS REQUIREMENT SHALL ALLOW THE FACILITY TO BE IN COMPLIANCE WITH 6 NYCRR PART 212-2.1(A) WITH THE MEL FOR THE FOLLOWING HTACS: CADMIUM COMPOUNDS, CHROMIUM COMPOUNDS, LEAD COMPOUNDS MERCURY COMPOUNDS, NICKEL COMPOUNDS. AS WELL AS 6 NYCRR PART 212-2.1(B) FOR B-RATED CONTAMINANTS (IRON OXIDE, COPPER OXIDE, AND GRAPHITE) WITH MEL LESS THAN 100 LBS/YR.</p> <p>Monitoring applies to the following additional regulated contaminant(s): PM 2.5, PM-10 Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-CAST1/PROC: BP2 EU: U-CAST1/PROC: BP1</p> | | | | |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|----------------------------|---|--------------------|--------------------|---------------------------------------|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 5 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| CAP | OXIDES OF NITROGEN | | | ANNUALLY (CALENDAR) |
| | **** | | | MONTHLY |
| | THE FACILITY-WIDE EMISSIONS, INCLUDING THOSE FROM PERMITTED, EXEMPT, AND TRIVIAL SOURCES, OF NOX FOR ANY CONSECUTIVE 12-MONTH PERIOD SHALL BE LIMITED TO 95 TPY. FUEL OIL USAGE, NATURAL GAS USAGE, 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 NOX EMISSIONS OVER ANY CONSECUTIVE 12-MONTH PERIOD WERE BELOW 95 TPY. THE ANNUAL REPORTS MUST INCLUDE INFORMATION THAT DOCUMENTS THE NOX EMISSIONS FROM EACH EMISSION SOURCE, INCLUDING EXEMPT SOURCES AT THE FACILITY. THE REPORT MUST ALSO INCLUDE ALL EMISSION FACTORS AND OTHER DATA USED IN CALCULATING THE MONTHLY NOX EMISSIONS. | | | |
| | ANY NONCOMPLIANCE WITH THE NOX 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. | | | |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|----------------------------|--|--------------------|--------------------|---------------------------------------|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 6 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| CAP | PM-10 | | | ANNUALLY (CALENDAR) |
| | **** | | | MONTHLY |
| | THE FACILITY-WIDE EMISSIONS OF PARTICULATES, PM-10 AND PM 2.5 FOR ANY 12-MONTH ROLLING PERIOD SHALL BE LIMITED TO 90 TPY. FUEL OIL USAGE, NATURAL GAS USAGE, 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 BAGHOUSES OPERATION(I.E., B39 AND B40) WILL BE MAINTAINED ON-SITE. RECORDS ON THE REGULAR MAINTAINANCE OF MIST ELIMINATORS (I.E. C29, C30, AND C36) AND DUST COLLECTOR (I.E. B500) AS DESCRIBED IN THE PM MANUAL WILL BE MAINTAINED ON-SITE. IN ADDITION, RECORDS ON THE OPERATION OF THE SCRUBBERS (I.E., C31, S38 AND S40),WILL BE MAINTAINED ON-SITE . | | | 12-MONTH TOTAL, ROLLED MONTHLY |
| | Monitoring applies to the following additional regulated contaminant(s): PARTICULATES, PM 2.5 | | | |

Summary of Compliance Requirements

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DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|----------------------------|--|--------------------|--------------------|---|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 7 | PRESSURE DROP | 2 | 6 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE |
| CAP | PARTICULATES | inches of water | | SEMI-ANNUALLY (CALENDAR) |
| | **** | | | DAILY |
| | THE FACILITY-WIDE EMISSIONS OF PARTICULATES IS LIMITED TO 90 TONS PER YEAR. WHILE OPERATING THIS PROCESS IN NORMAL MODE, THE SOURCE OWNER SHALL OPERATE THE BAGHOUSE (I.E. B39/B40) 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 AND PM-10. BASED UPON THE RESULTS OF THE RECENT STACK TESTING THE TYPICAL OPERATING RANGE IS BETWEEN 2 TO 6 INCHES OF WATER ON A MAGNEHELIC. | | | RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME |
| | 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. | | | |
| | COMPLIANCE WITH THIS REQUIREMENT SHALL ALLOW THE FACILITY TO BE IN COMPLIANCE WITH 6 NYCRR PART 212-2.1(A) WITH THE MEL FOR THE FOLLOWING HTACS: CADMIUM COMPOUNDS, CHROMIUM COMPOUNDS, LEAD COMPOUNDS MERCURY COMPOUNDS, NICKEL COMPOUNDS, THAT ARE GIVEN AN A RATING. AS WELL AS 6 NYCRR PART 212-2.1(B) FOR B-RATED CONTAMINANTS (IRON OXIDE, COPPER OXIDE, AND GRAPHITE) WITH MEL LESS THAN 100 LBS/YR. | | | |
| | Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-CAST1/EP: 00039/PROC: BH1 EU: U-CAST1/EP: 00040/PROC: BH2 | | | |

Summary of Compliance Requirements

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Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|---|--------------------------------|--------------------|--------------------|---|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 9 | PRESSURE DROP PM-10 **** | 2 | 6 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR) |
| <p>THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B AND HAS AN EMISSION RATE POTENTIAL (ERP) OF GREATER THAN OR EQUAL TO 20 LB/HR AND LESS THAN 100 LB/HR. AS SUCH, THE FACILITY MUST DEMONSTRATE A CONTROL EFFICIENCY OF AT LEAST 91% IS ACHIEVED, AS SPECIFIED IN SUBDIVISION 212-2.3(A), TABLE 3 – DEGREE OF AIR CLEANING REQUIRED FOR CRITERIA AIR CONTAMINANTS.</p> <p>WHILE OPERATING THIS PROCESS THE SOURCE OWNER SHALL OPERATE THE BAGHOUSE WITHIN THE PRESSURE DROP RANGE DETERMINED DURING THE MOST RECENT DEPARTMENT-APPROVED PERFORMANCE TEST. PRESSURE DROP READINGS WILL BE MONITORED AND RECORDED ONCE PER OPERATING DAY TO DEMONSTRATE PROPER OPERATION OF THE CYCLONE AND BAGHOUSE AND EFFECTIVE CONTROL OF PM-10. UNTIL SUCH TIME THAT A NEW PERFORMANCE TEST IS CONDUCTED, THE PRESSURE LIMIT IN THE CURRENT PERMIT WILL BE USED (I.E., 2 TO 6 INCHES OF WATER).</p> <p>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.</p> <p>OTHER B-RATED CONSTITUENTS (IRON OXIDE, COPPER OXIDE, AND GRAPHITE) HAVE ESTIMATED ERPS GREATER THAN 10 LB/HR AND ARE SUBJECT TO 90% CONTROL IN ACCORDANCE WITH 212-2.3(B) TABLE 4. COMPLIANCE WITH THE 91% CONTROL EFFICIENCY REQUIREMENT FOR PM-10 WILL SATISFY THE 90% CONTROL REQUIREMENT FOR THE INDIVIDUAL B-RATED CONSTITUENTS TO WHICH THIS CONDITION APPLIES, WHICH ARE IRON OXIDE, COPPER OXIDE, AND GRAPHITE.</p> <p>Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-CAST1/EP: 00040 EU: U-CAST1/EP: 00039</p> | | | | DAILY |
| | | | | RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

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Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Compliance Assurance Monitoring | | | | Activity Type |
|---------------------------------|---|----------------|-------------|--|
| Monitored Parameter | | | | Reporting Frequency |
| Cond | Regulated Contaminant | Lower Limit | Upper Limit | Monitoring Frequency |
| Num | Process Material | Units | | Averaging Method |
| 10 | HOURS OF OPERATION COPPER **** | | 6658 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR) |
| | <p>THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B. NON-CRITERIA CONTAMINANTS GIVEN AN ER OF B AND HAVING AN EMISSION RATE POTENTIAL (ERP) OF LESS THAN 10 POUNDS PER HOUR MUST DEMONSTRATE THAT AMBIENT IMPACTS OF EACH CONTAMINANT AT THE FENCE LINE OF THE FACILITY ARE LESS THAN THE ANNUAL (AGC) AND SHORT TERM (SGC) GUIDELINE CONCENTRATIONS FOR THE AIR CONTAMINANT, AS SPECIFIED IN SUBDIVISION 212-2.3(B), TABLE 4 – DEGREE OF AIR CLEANING REQUIRED FOR NON-CRITERIA AIR CONTAMINANTS.</p> <p>THE FACILITY IS LIMITING ANNUAL OPERATING HOURS OF THE OVERHAULER SUCH THAT MODELED IMPACTS OF COPPER ARE 95% OR LESS OF THE COPPER AGC. THE ANNUAL OPERATING HOUR LIMIT IS TO BE BASED ON THE MOST RECENT DEPARTMENT-APPROVED POSTCONTROL HOURLY EMISSION RATE. BASED ON THE MAY 2023 TEST RESULTS, THE POST-CONTROL HOURLY EMISSION RATE OF COPPER FROM THE OVERHAULER IS 0.37 LB/HR AND THE RESULTING PREDICTED ANNUAL IMPACT BASED ON 6,658 ANNUAL OPERATING HOURS IS 0.455 MG/M3, WHICH IS 95% OF THE AGC OF 0.48 MG/M3.</p> <p>THE ALLOWABLE ANNUAL OPERATING HOURS WILL BE ADJUSTED BASED ON THE MOST RECENT DEPARTMENT-APPROVED POST-CONTROL HOURLY EMISSION RATE. THE FACILITY MAINTAINS MONTHLY RECORDS OF OPERATING HOURS OF THE OVERHAULER (EMISSION SOURCE 01715) TO DEMONSTRATE 12-MONTH OPERATING HOURS ARE LESS THAN THE ANNUAL OPERATING HOUR CAP.</p> <p>Monitoring applies to the following additional regulated contaminant(s): COPPER OXIDE Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-OVER1/EP: 00031</p> | hours per year | | MONTHLY ANNUAL MAXIMUM ROLLED MONTHLY |

Summary of Compliance Requirements

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Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|--|------------------------------|--------------------|---|--|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 11 | **** PARTICULATES **** | 10 | percent degree of air cleaning or greater | INTERMITTENT EMISSION TESTING SEMI-ANNUALLY (CALENDAR) ONCE EVERY TEN YEARS AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED |
| <p>THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B. NON-CRITERIA CONTAMINANTS GIVEN AN ER OF B AND HAVING AN EMISSION RATE POTENTIAL (ERP) OF LESS THAN 10 POUNDS PER HOUR MUST DEMONSTRATE THAT AMBIENT IMPACTS OF EACH CONTAMINANT AT THE FENCE LINE OF THE FACILITY ARE LESS THAN THE ANNUAL (AGC) AND SHORT TERM (SGC) GUIDELINE CONCENTRATIONS FOR THE AIR CONTAMINANT, AS SPECIFIED IN SUBDIVISION 212-2.3(B), TABLE 4 – DEGREE OF AIR CLEANING REQUIRED FOR NON-CRITERIA AIR CONTAMINANTS.</p> <p>THE FACILITY WILL PERFORM A STACK TEST ON THE EMISSION SOURCE 180 DAYS AFTER ISSUANCE OF THE PERMIT AND AS REQUIRED IN THIS CONDITION. THIS WILL VERIFY CONTROL EFFICIENCY MEETS THE LIMIT STATED BELOW FOR EMISSION OF TRIAZINE, 1,3,5-(2H,4H,6H) TRIETHANOL. TESTING CAN BE DONE USING CONDENSABLE PARTICULATES AS A SURROGATE.</p> <p>THIS WILL ENSURE THAT THE EMISSIONS OF TRIAZINE, 1,3,5- (2H,4H,6H) TRIETHANOL MEET THE LEVELS SUCH THAT THEY ARE LESS THAN THE AGC. IF THE PERCENT DEGREE OF AIR CLEANING IS LOWER THAN THE LIMIT, THE FACILITY WILL REDO THE MODELING AND MAKE ANY MODIFICATIONS TO THE PERMIT NECESSARY, AND THE FACILITY WILL PROVIDE NOTIFICATION OF THE STEPS THAT WILL BE TAKEN TO ACHIEVE COMPLIANCE WITHIN 30 DAYS OF RECEIVING THE RESULTS OF THE TESTING.</p> <p>Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-ROLL1/PROC: ROL/ES: 01706 EU: U-ROLL1/PROC: ROL/ES: 01176</p> | | | | |

Summary of Compliance Requirements

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Compliance Assurance Monitoring | | | | Activity Type |
|---------------------------------|---|-----------------|-------------|--|
| Monitored Parameter | | Lower Limit | Upper Limit | Reporting Frequency |
| Cond Num | Regulated Contaminant | Units | | Monitoring Frequency |
| | Process Material | | | Averaging Method |
| 12 | PRESSURE DROP PM 2.5 **** | 2 | 6 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR) |
| | <p>THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B AND HAS AN EMISSION RATE POTENTIAL (ERP) OF GREATER THAN OR EQUAL TO 20 LB/HR AND LESS THAN 100 LB/HR. AS SUCH, THE FACILITY MUST DEMONSTRATE A CONTROL EFFICIENCY OF AT LEAST 91% IS ACHIEVED, AS SPECIFIED IN SUBDIVISION 212-2.3(A), TABLE 3 – DEGREE OF AIR CLEANING REQUIRED FOR CRITERIA AIR CONTAMINANTS.</p> <p>WHILE OPERATING THIS PROCESS THE SOURCE OWNER SHALL OPERATE THE BAGHOUSE WITHIN THE PRESSURE DROP RANGE DETERMINED DURING THE MOST RECENT DEPARTMENT-APPROVED PERFORMANCE TEST. PRESSURE DROP READINGS WILL BE MONITORED AND RECORDED ONCE PER OPERATING DAY TO DEMONSTRATE PROPER OPERATION OF THE CYCLONE AND BAGHOUSE AND EFFECTIVE CONTROL OF PM-2.5. UNTIL SUCH TIME THAT A NEW PERFORMANCE TEST IS CONDUCTED, THE PRESSURE LIMIT IN THE CURRENT PERMIT WILL BE USED (I.E., 2 TO 6 INCHES OF WATER).</p> <p>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.</p> <p>OTHER B-RATED CONSTITUENTS (IRON OXIDE, COPPER OXIDE, AND GRAPHITE) HAVE ESTIMATED ERPS GREATER THAN 10 LB/HR AND ARE SUBJECT TO 90% CONTROL IN ACCORDANCE WITH 212-2.3(B) TABLE 4. COMPLIANCE WITH THE 91% CONTROL EFFICIENCY REQUIREMENT FOR PM-2.5 WILL SATISFY THE 90% CONTROL REQUIREMENT FOR THE INDIVIDUAL B-RATED CONSTITUENTS TO WHICH THIS CONDITION APPLIES, WHICH ARE IRON OXIDE, COPPER OXIDE, AND GRAPHITE.</p> <p>Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-CAST1/EP: 00040 EU: U-CAST1/EP: 00039</p> | inches of water | | DAILY RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Compliance Assurance Monitoring | | | | Activity Type |
|---------------------------------|---|----------------|-------------|---|
| Monitored Parameter | | | | Reporting Frequency |
| Cond | Regulated Contaminant | Lower Limit | Upper Limit | Monitoring Frequency |
| Num | Process Material | Units | | Averaging Method |
| 13 | HOURS OF OPERATION TRIAZINE, 1,3,5- (2H,4H,6H) TRIETHANOL **** | | 7858 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR) |
| | THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B. NON-CRITERIA CONTAMINANTS GIVEN AN ER OF B AND HAVING AN EMISSION RATE POTENTIAL (ERP) OF LESS THAN 10 POUNDS PER HOUR MUST DEMONSTRATE THAT AMBIENT IMPACTS OF EACH CONTAMINANT AT THE FENCE LINE OF THE FACILITY ARE LESS THAN THE ANNUAL (AGC) AND SHORT TERM (SGC) GUIDELINE CONCENTRATIONS FOR THE AIR CONTAMINANT, AS SPECIFIED IN SUBDIVISION 212-2.3(B), TABLE 4 – DEGREE OF AIR CLEANING REQUIRED FOR NON-CRITERIA AIR CONTAMINANTS. | hours per year | | MONTHLY |
| | THE FACILITY IS LIMITING ANNUAL OPERATING HOURS OF THE REVERSING MILL SUCH THAT MODELED IMPACTS OF 2,2',2''-(HEXAHYDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIEHTANOL ARE 95% OR LESS OF THE AGC. THE ANNUAL OPERATING HOUR LIMIT IS TO BE BASED ON THE MOST RECENT DEPARTMENT-APPROVED POST-CONTROL HOURLY EMISSION RATE. BASED ON THE MAY 2023 TEST RESULTS, THE POSTCONTROL HOURLY EMISSION RATE OF THE ABOVE COMPOUND FROM THE REVERSING MILL IS 0.021 LB/HR AND THE RESULTING PREDICTED ANNUAL IMPACT BASED ON 7,858 ANNUAL OPERATING HOURS IS 0.057 MG/M3, WHICH IS 95% OF THE INTERIM AGC ASSIGNED BY NYSDEC OF 0.06 MG/M3. | | | ANNUAL MAXIMUM ROLLED MONTHLY |
| | THE ALLOWABLE ANNUAL OPERATING HOURS WILL BE ADJUSTED BASED ON THE MOST RECENT DEPARTMENT-APPROVED POST-CONTROL HOURLY EMISSION RATE. THE FACILITY MAINTAINS MONTHLY RECORDS OF OPERATING HOURS OF THE REVERSING MILL (EMISSION SOURCE 01723) TO DEMONSTRATE 12-MONTH OPERATING HOURS ARE LESS THAN THE ANNUAL OPERATING HOUR CAP. | | | |
| | Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: U-ROLL1/EP: 00026 | | | |

Summary of Compliance Requirements

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DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Monitored Parameter | | Activity Type | | |
|---------------------|---|---------------------|----------------------|--|
| Cond | Regulated Contaminant | Lower Limit | Upper Limit | |
| Num | Process Material | Units | | |
| | | Reporting Frequency | Monitoring Frequency | |
| | | Averaging Method | | |
| 14 | <p>****</p> <p>COPPER</p> <p>****</p> <p>THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B. NON-CRITERIA CONTAMINANTS GIVEN AN ER OF B AND HAVING AN EMISSION RATE POTENTIAL (ERP) OF LESS THAN 10 POUNDS PER HOUR MUST DEMONSTRATE THAT AMBIENT IMPACTS OF EACH CONTAMINANT AT THE FENCE LINE OF THE FACILITY ARE LESS THAN THE ANNUAL (AGC) AND SHORT TERM (SGC) GUIDELINE CONCENTRATIONS FOR THE AIR CONTAMINANT, AS SPECIFIED IN SUBDIVISION 212-2.3(B), TABLE 4 – DEGREE OF AIR CLEANING REQUIRED FOR NON-CRITERIA AIR CONTAMINANTS.</p> <p>THE FACILITY HAS REESTABLISHED THE BOUNDRY OF THE FACILITY IN THE PARKING LOT IN ORDER TO MEET THE AGC BY ERECTING SPECIFIC SIGNS AND UTILIZING PARKING LOT CAMERAS TO MONITOR ACTIVITY IN THE PARKING LOT AREA. THE FACILITY WILL CERTIFY ON A MONTHLY BASIS THAT THERE HAS BEEN NO PUBLIC ACCESS TO THIS PORTION OF THE PARKING LOT. THE FACILITY WILL SUBMIT APPROPRIATE INFORMATION TO THE DEPARTMENT WITH THE FACILITY SEMI-ANNUAL MONITORING REPORT.</p> | | | <p>RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>SEMI-ANNUALLY (CALENDAR)</p> <p>DAILY</p> <p>****</p> |
| 15 | <p>SULFUR CONTENT</p> <p>****</p> <p>DISTILLATES - NUMBER 1 AND NUMBER 2 OIL</p> <p>OWNERS OR OPERATORS OF EMISSION SOURCES THAT FIRE DISTILLATE OIL ARE LIMITED TO A 0.0015 PERCENT SULFUR CONTENT BY WEIGHT OF THE FUEL. COMPLIANCE WITH THE SULFUR-IN-FUEL LIMITATION IS BASED ON FUEL VENDOR RECEIPTS. ALL FUEL VENDOR RECEIPTS MUST BE MAINTAINED ON SITE OR AT A DEPARTMENT APPROVED ALTERNATIVE LOCATION FOR A MINIMUM OF FIVE YEARS.</p> <p>NOTE - PROCESS SOURCES AND INCINERATORS MUST COMPLY WITH THE ABOVE REQUIREMENTS ON OR AFTER JULY 1, 2023.</p> | 0.0015 | percent by weight | <p>WORK PRACTICE INVOLVING SPECIFIC OPERATIONS</p> <p>UPON REQUEST BY REGULATORY AGENCY</p> <p>PER DELIVERY</p> <p>MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR</p> |

Summary of Compliance Requirements

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DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Activity Type</u> |
|----------------------------|------------------------------|--------------------|--------------------|---|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Units</u> | | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 16 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| | **** | | | QUARTERLY (CALENDAR) |
| | **** | | | AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |
| | | | | **** |

THE OWNER OR OPERATOR MUST MAINTAIN RECORDS OF EXCESS EMISSIONS. THE OWNER OR OPERATOR MUST SUBMIT A WRITTEN REPORT OF THE FUEL SULFUR CONTENT EXCEEDING THE APPLICABLE SULFUR-IN-FUEL LIMITATION, MEASURED EMISSIONS EXCEEDING THE APPLICABLE SULFUR-IN-FUEL LIMITATION, MEASURED EMISSIONS EXCEEDING THE APPLICABLE EQUIVALENT EMISSION RATE, AND THE NATURE AND CAUSE OF SUCH EXCEEDANCES IF KNOWN, FOR EACH CALENDAR QUARTER, WITHIN 30 DAYS AFTER THE END OF ANY QUARTERLY PERIOD IN WHICH AN EXCEEDANCE[S] TAKES PLACE. THESE RECORDS MUST BE KEPT ON SITE OR AT A DEPARTMENT APPROVED ALTERNATIVE LOCATION FOR A MINIMUM OF FIVE YEARS.

Summary of Compliance Requirements

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|----------------------------|---|--------------------|--------------------|---------------------------------------|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 17 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| | **** | | | |
| | **** | | | ANNUALLY (CALENDAR) |
| | OWNERS OR OPERATORS CONDUCTING SOLVENT CLEANING PROCESSES MUST: | | | |
| | (A) 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; | | | **** |
| | (B) MAINTAIN EQUIPMENT TO MINIMIZE LEAKS AND FUGITIVE EMISSIONS; | | | |
| | (C) DISPLAY AT THE EQUIPMENT LOCATION A CONSPICUOUS SUMMARY OF PROPER OPERATING PROCEDURES CONSISTENT WITH MINIMIZING EMISSIONS OF VOCS; | | | **** |
| | (D) KEEP THE DEGREASER COVER CLOSED EXCEPT WHEN PARTS ARE BEING PLACED INTO OR BEING REMOVED FROM THE DEGREASER, THE COVER NEEDS TO BE OPEN IN ORDER TO REMOVE SOLVENT FROM THE DEGREASER, NO SOLVENT IS IN THE DEGREASER, OR MANUALLY CLEANING PARTS IN A COLD CLEANING DEGREASER; | | | |
| | (E) CREATE AND MAINTAIN A RECORD OF SOLVENT CONSUMPTION FOR FIVE YEARS. THIS RECORD MUST BE RETAINED FOR FIVE YEARS AND MADE AVAILABLE TO THE DEPARTMENT UPON REQUEST; | | | |
| | (F) NOT CLEAN SPONGES, FABRIC, WOOD, LEATHER, PAPER PRODUCTS AND OTHER ABSORBENT MATERIALS IN A DEGREASER; AND | | | |
| | (G) IF USING A COLD CLEANING DEGREASER THAT IS SUBJECT TO PARAGRAPH 6 NYCRR 226-1.4(A)(4), RETAIN A RECORD OF THE FOLLOWING THREE ITEMS FOR FIVE YEARS AND PROVIDE THESE RECORDS TO THE DEPARTMENT UPON REQUEST. AN INVOICE, BILL OF SALE, A CERTIFICATE COVERING MULTIPLE SALES, MANUFACTURERS PUBLISHED INFORMATION, OR OTHER APPROPRIATE DOCUMENTATION ACCEPTABLE TO THE DEPARTMENT MAY BE USED TO COMPLY WITH THIS REQUIREMENT: | | | |
| | (1) NAME AND ADDRESS OF THE SOLVENT SUPPLIER; | | | |
| | (2) THE TYPE OF SOLVENT INCLUDING THE PRODUCT OR VENDOR IDENTIFICATION NUMBER; AND | | | |
| | (3) THE VOC CONTENT OF THE CLEANING SOLUTION IN GRAMS PER LITER (GM/L) TO VERIFY COMPLIANCE. | | | |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Cond Num | Monitored Parameter | Lower Limit | Upper Limit | Activity Type |
|----------|--|-----------------|-------------|---|
| | Regulated Contaminant | | | Reporting Frequency |
| | Process Material | Units | | Monitoring Frequency |
| | | | | Averaging Method |
| 18 | VOC CONTENT | | 25 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR) |
| | **** | grams per liter | | **** |
| | **** | | | **** |
| | THE FOLLOWING CONTROL REQUIREMENTS MUST BE USED BY AN OWNER OR OPERATOR CONDUCTING SOLVENT CLEANING, IF THE INTERNAL VOLUME OF THE MACHINE IS GREATER THAN TWO GALLONS: | | | |
| | (1) A COVER WHICH CAN BE EASILY OPERATED AND | | | |
| | (2) AN INTERNAL DRAINAGE FACILITY (UNDER COVER), IF PRACTICAL, | | | |
| | (3) CLEANING SOLUTION WITH A MAXIMUM VOC CONTENT OF 25 GRAMS PER LITER AT 20 DEGREES CELSIUS MUST BE USED. | | | |
| | THIS CONDITION DOES NOT APPLY TO DEGREASERS AS SPECIFIED IN SUBPARAGRAPHS 226-1.4(A)(4)(I)-(III). | | | |
| 19 | FREEBOARD RATIO | 0.5 | | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR) |
| | **** | freeboard ratio | | **** |
| | **** | | | **** |
| | THE OWNER OR OPERATOR OF A COLD CLEANING DEGREASING MACHINE WITH AN INTERNAL VOLUME GREATER THAN TWO GALLONS MUST IMPLEMENT 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 CONDITION DOES NOT APPLY TO REMOTE RESERVOIR DEGREASERS. | | | |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Compliance Assurance Monitoring | | | | Activity Type |
|---------------------------------|---|-------------|-------------|--|
| Monitored Parameter | | | | Reporting Frequency |
| Cond | Regulated Contaminant | Lower Limit | Upper Limit | Monitoring Frequency |
| Num | Process Material | Units | | Averaging Method |
| 20 | DURATION **** DEGREASING UNITS FOR COLD CLEANING DEGREASING, THE CLEAN PARTS SHALL BE DRAINED AT LEAST 15 SECONDS OR UNTIL DRIPPING CEASES. | 15 | seconds | WORK PRACTICE INVOLVING SPECIFIC OPERATIONS ANNUALLY (CALENDAR) **** **** |
| 23 | **** **** **** THE OWNER OR OPERATOR OF AN EXISTING EMERGENCY AND BLACK START SPARK IGNITION STATIONARY RICE LOCATED AT AN AREA SOURCE OF HAP EMISSIONS MUST COMPLY WITH THE FOLLOWING MAINTENANCE PROCEDURES: (1) CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY, WHICHEVER COMES FIRST; (2) INSPECT SPARK PLUGS EVERY 1,000 HOURS OF OPERATION OR ANNUALLY, WHICHEVER COMES FIRST, AND REPLACE AS NECESSARY; (3) INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY, WHICHEVER COMES FIRST, AND REPLACE AS NECESSARY. INITIAL COMPLIANCE WILL BE DEMONSTRATED ACCORDING TO THE PROVISIONS IN 40 CFR 63.6630. CONTINUOUS COMPLIANCE WILL THEN BE DEMONSTRATED ACCORDING TO 40 CFR 63.6640. THE FACILITY MUST KEEP RECORDS ACCORDING TO THE PROVISIONS IN 40 CFR 63.6655 AND SUBMIT THE NOTIFICATIONS AND REPORTS LISTED IN 40 CFR 63.6645 AND 63.6650. | | | RECORD KEEPING/MAINTENANCE PROCEDURES AS REQUIRED - SEE MONITORING DESCRIPTION AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION **** |

Summary of Compliance Requirements

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Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Monitored Parameter | | Activity Type | | | |
|---------------------|--|---------------------|----------------------|---|------|
| Cond | Regulated Contaminant | Lower Limit | Upper Limit | | |
| Num | Process Material | Units | | | |
| | | Reporting Frequency | Monitoring Frequency | | |
| | | Averaging Method | | | |
| 26 | **** **** **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES | |
| | THE OWNER OR OPERATOR OF ANY OF THE FOLLOWING STATIONARY RICE MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP A MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS: | | | AS REQUIRED - SEE MONITORING DESCRIPTION | |
| | (1) AN EXISTING STATIONARY RICE WITH A SITE RATING OF LESS THAN 100 BRAKE HORSEPOWER LOCATED AT A MAJOR SOURCE OF HAP EMISSIONS; | | | AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION | **** |
| | (2) AN EXISTING EMERGENCY OR BLACK START STATIONARY RICE WITH A SITE RATING OF LESS THAN OR EQUAL TO 500 BRAKE HORSEPOWER LOCATED AT A MAJOR SOURCE OF HAP EMISSIONS; | | | | |
| | (3) AN EXISTING EMERGENCY OR BLACK START STATIONARY RICE LOCATED AT AN AREA SOURCE OF HAP EMISSIONS; | | | | |
| | (4) AN EXISTING NON-EMERGENCY, NON-BLACK START STATIONARY COMPRESSION IGNITION RICE WITH A SITE RATING LESS THAN OR EQUAL TO 300 BRAKE HORSEPOWER LOCATED AT AN AREA SOURCE OF HAP EMISSIONS; | | | | |
| | (5) AN EXISTING NON-EMERGENCY, NON-BLACK START 2 STROKE LEAN BURN STATIONARY RICE LOCATED AT AN AREA SOURCE OF HAP EMISSIONS; | | | | |
| | (6) AN EXISTING NON-EMERGENCY, NON-BLACK START STATIONARY RICE LOCATED AT AN AREA SOURCE OF HAP EMISSIONS WHICH COMBUSTS LANDFILL OR DIGESTER GAS EQUIVALENT TO 10 PERCENT OR MORE OF THE GROSS HEAT INPUT ON AN ANNUAL BASIS; | | | | |
| | (7) AN EXISTING NON-EMERGENCY, NON-BLACK START 4 STROKE LEAN BURN STATIONARY RICE WITH A SITE RATING LESS THAN OR EQUAL TO 500 BRAKE HORSEPOWER LOCATED AT AN AREA SOURCE OF HAP EMISSIONS; | | | | |
| | (8) AN EXISTING NON-EMERGENCY, NON-BLACK START 4 STROKE RICH BURN STATIONARY RICE WITH A SITE RATING LESS THAN OR EQUAL TO 500 BRAKE HORSEPOWER LOCATED AT AN AREA SOURCE OF HAP EMISSIONS; | | | | |
| | (9) AN EXISTING, NON-EMERGENCY, NON-BLACK START 4 STROKE LEAN BURN STATIONARY RICE WITH A SITE RATING GREATER THAN 500 BRAKE HORSEPOWER LOCATED AT AN AREA SOURCE OF HAP EMISSIONS THAT IS OPERATED 24 HOURS OR LESS PER CALENDAR YEAR; AND | | | | |
| | (10) AN EXISTING, NON-EMERGENCY, NON-BLACK START 4 STROKE RICH BURN STATIONARY RICE WITH A SITE RATING GREATER THAN 500 BRAKE HORSEPOWER LOCATED AT AN AREA SOURCE OF HAP EMISSIONS THAT IS OPERATED 24 HOURS OR LESS PER CALENDAR YEAR | | | | |

**** No Data

Summary of Compliance Requirements

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DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Compliance Assurance Monitoring | | | | Activity Type |
|---------------------------------|--------------------------------------|-------------|-------------|--|
| Monitored Parameter | | | | Reporting Frequency |
| Cond Num | Regulated Contaminant | Lower Limit | Upper Limit | Monitoring Frequency |
| | Process Material | Units | | Averaging Method |
| 27 | **** **** **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES ANNUALLY (CALENDAR) OWNERS OR OPERATORS OF AN EXISTING EMERGENCY STATIONARY RICE WITH A SITE RATING OF LESS THAN OR EQUAL TO 500 BRAKE HP LOCATED AT A MAJOR SOURCE OF HAP EMISSIONS OR AN EXISTING EMERGENCY STATIONARY RICE LOCATED AT AN AREA SOURCE OF HAP EMISSIONS, MUST INSTALL A NON-RESETTABLE HOUR METER IF ONE IS NOT ALREADY INSTALLED. MONTHLY **** |
| 28 | DURATION OF START UP **** **** | minutes | 30 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE ANNUALLY (CALENDAR) CONTINUOUS MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE |

Summary of Compliance Requirements

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Cond Num | Monitored Parameter | Lower Limit | Upper Limit | Activity Type |
|-------------|--|-------------|-------------|---|
| | Regulated Contaminant | | | Reporting Frequency |
| | Process Material | | Units | Monitoring Frequency |
| | | | | Averaging Method |
| 29 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| | **** | | | AS REQUIRED - SEE MONITORING DESCRIPTION |
| | **** | | | AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |
| | <p>THE OWNER OR OPERATOR OF A STATIONARY CI ENGINE THAT IS SUBJECT TO THE WORK, OPERATION OR MANAGEMENT PRACTICES IN ITEMS 1 OR 2 OF TABLE 2C TO SUBPART ZZZZ OR IN ITEMS 1 OR 4 OF TABLE 2D TO SUBPART ZZZZ HAS THE OPTION OF UTILIZING AN OIL ANALYSIS PROGRAM IN ORDER TO EXTEND THE SPECIFIED OIL CHANGE REQUIREMENT IN TABLES 2C AND 2D TO SUBPART ZZZZ. THE OIL ANALYSIS MUST BE PERFORMED AT THE SAME FREQUENCY SPECIFIED FOR CHANGING THE OIL IN TABLE 2C OR 2D TO SUBPART ZZZZ. THE ANALYSIS PROGRAM MUST AT A MINIMUM ANALYZE THE FOLLOWING THREE PARAMETERS: TOTAL BASE NUMBER, VISCOSITY, AND PERCENT WATER CONTENT. THE CONDEMNING LIMITS FOR THESE PARAMETERS ARE AS FOLLOWS: TOTAL BASE NUMBER IS LESS THAN 30 PERCENT OF THE TOTAL BASE NUMBER OF THE OIL WHEN NEW; VISCOSITY OF THE OIL HAS CHANGED BY MORE THAN 20 PERCENT FROM THE VISCOSITY OF THE OIL WHEN NEW; OR PERCENT WATER CONTENT (BY VOLUME) IS GREATER THAN 0.5. IF THESE CONDEMNING LIMITS ARE NOT EXCEEDED, THE ENGINE OWNER OR OPERATOR IS NOT REQUIRED TO CHANGE THE OIL. IF ANY OF THE LIMITS ARE EXCEEDED, THE ENGINE OWNER OR OPERATOR MUST CHANGE THE OIL WITHIN 2 BUSINESS DAYS OF RECEIVING THE RESULTS OF THE ANALYSIS; IF THE ENGINE IS NOT IN OPERATION WHEN THE RESULTS OF THE ANALYSIS ARE RECEIVED, THE ENGINE OWNER OR OPERATOR MUST CHANGE THE OIL WITHIN 2 BUSINESS DAYS OR BEFORE COMMENCING OPERATION, WHICHEVER IS LATER. THE OWNER OR OPERATOR MUST KEEP RECORDS OF THE PARAMETERS THAT ARE ANALYZED AS PART OF THE PROGRAM, THE RESULTS OF THE ANALYSIS, AND THE OIL CHANGES FOR THE ENGINE. THE ANALYSIS PROGRAM MUST BE PART OF THE MAINTENANCE PLAN FOR THE ENGINE.</p> | | | **** |

Summary of Compliance Requirements

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DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|---|-------------------------|--------------------|--------------------|--|
| <u>Regulated Contaminant</u> | | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Cond Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 30 | **** **** **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES AS REQUIRED - SEE MONITORING DESCRIPTION AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION **** |
| <p>THE OWNER OR OPERATOR OF A STATIONARY SI ENGINE THAT IS SUBJECT TO THE WORK, OPERATION OR MANAGEMENT PRACTICES IN ITEMS 6, 7, OR 8 OF TABLE 2C TO SUBPART ZZZZ OR IN ITEMS 5, 6, 7, 9, OR 11 OF TABLE 2D TO SUBPART ZZZZ HAS THE OPTION OF UTILIZING AN OIL ANALYSIS PROGRAM IN ORDER TO EXTEND THE SPECIFIED OIL CHANGE REQUIREMENT IN TABLES 2C AND 2D TO SUBPART ZZZZ. THE OIL ANALYSIS MUST BE PERFORMED AT THE SAME FREQUENCY SPECIFIED FOR CHANGING THE OIL IN TABLE 2C OR 2D TO SUBPART ZZZZ. THE ANALYSIS PROGRAM MUST AT A MINIMUM ANALYZE THE FOLLOWING THREE PARAMETERS: TOTAL ACID NUMBER, VISCOSITY, AND PERCENT WATER CONTENT. THE CONDEMNING LIMITS FOR THESE PARAMETERS ARE AS FOLLOWS: TOTAL ACID NUMBER INCREASES BY MORE THAN 3.0 MILLIGRAMS OF POTASSIUM HYDROXIDE (KOH) PER GRAM FROM TOTAL ACID NUMBER OF THE OIL WHEN NEW; VISCOSITY OF THE OIL HAS CHANGED BY MORE THAN 20 PERCENT FROM THE VISCOSITY OF THE OIL WHEN NEW; OR PERCENT WATER CONTENT (BY VOLUME) IS GREATER THAN 0.5. IF THESE CONDEMNING LIMITS ARE NOT EXCEEDED, THE ENGINE OWNER OR OPERATOR IS NOT REQUIRED TO CHANGE THE OIL. IF ANY OF THE LIMITS ARE EXCEEDED, THE ENGINE OWNER OR OPERATOR MUST CHANGE THE OIL WITHIN 2 BUSINESS DAYS OF RECEIVING THE RESULTS OF THE ANALYSIS; IF THE ENGINE IS NOT IN OPERATION WHEN THE RESULTS OF THE ANALYSIS ARE RECEIVED, THE ENGINE OWNER OR OPERATOR MUST CHANGE THE OIL WITHIN 2 BUSINESS DAYS OR BEFORE COMMENCING OPERATION, WHICHEVER IS LATER. THE OWNER OR OPERATOR MUST KEEP RECORDS OF THE PARAMETERS THAT ARE ANALYZED AS PART OF THE PROGRAM, THE RESULTS OF THE ANALYSIS, AND THE OIL CHANGES FOR THE ENGINE. THE ANALYSIS PROGRAM MUST BE PART OF THE MAINTENANCE PLAN FOR THE ENGINE.</p> | | | | |

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|----------------------------|--|--------------------|--------------------|---|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 31 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| | **** | | | |
| | **** | | | ANNUALLY (CALENDAR) |
| | THE OWNER OR OPERATOR OF AN EMERGENCY STATIONARY RICE MUST OPERATE THE EMERGENCY STATIONARY RICE ACCORDING TO THE REQUIREMENTS IN 40 CFR 63.6640(F)(1) THROUGH (4). IN ORDER FOR THE ENGINE TO BE CONSIDERED AN EMERGENCY STATIONARY RICE UNDER SUBPART ZZZZ, ANY OPERATION OTHER THAN EMERGENCY OPERATION, MAINTENANCE AND TESTING, EMERGENCY DEMAND RESPONSE, AND OPERATION IN NON-EMERGENCY SITUATIONS FOR 50 HOURS PER YEAR, AS DESCRIBED IN 40 CFR 63.6640(F)(1) THROUGH (4), IS PROHIBITED. IF THE OWNER OR OPERATOR DOES NOT OPERATE THE ENGINE ACCORDING TO THE REQUIREMENTS IN 40 CFR 63.6640(F)(1) THROUGH (4), THE ENGINE WILL NOT BE CONSIDERED AN EMERGENCY ENGINE UNDER SUBPART ZZZZ AND MUST MEET ALL REQUIREMENTS FOR NON-EMERGENCY ENGINES. | | | AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |
| | | | | **** |

Summary of Compliance Requirements

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|----------------------------|---|--------------------|--------------------|---|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 32 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| | **** | | | |
| | **** | | | ANNUALLY (CALENDAR) |
| | THE FACILITY MUST KEEP THE RECORDS DESCRIBED IN PARAGRAPHS (1) THROUGH (5). | | | |
| | (1) A COPY OF EACH NOTIFICATION AND REPORT THAT THE OWNER OR OPERATOR SUBMITTED TO COMPLY WITH THIS SUBPART, INCLUDING ALL DOCUMENTATION SUPPORTING ANY INITIAL NOTIFICATION OR NOTIFICATION OF COMPLIANCE STATUS THAT HE/SHE SUBMITTED, ACCORDING TO THE REQUIREMENT IN 40 CFR 63.10(B)(2)(XIV). | | | AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |
| | (2) RECORDS OF THE OCCURRENCE AND DURATION OF EACH MALFUNCTION OF OPERATION (I.E., PROCESS EQUIPMENT) OR THE AIR POLLUTION CONTROL AND MONITORING EQUIPMENT. | | | **** |
| | (3) RECORDS OF PERFORMANCE TESTS AND PERFORMANCE EVALUATIONS AS REQUIRED IN 40 CFR 63.10(B)(2)(VIII). | | | |
| | (4) RECORDS OF ALL REQUIRED MAINTENANCE PERFORMED ON THE AIR POLLUTION CONTROL AND MONITORING EQUIPMENT. | | | |
| | (5) RECORDS OF ACTIONS TAKEN DURING PERIODS OF MALFUNCTION TO MINIMIZE EMISSIONS IN ACCORDANCE WITH 40 CFR 63.6605(B), INCLUDING CORRECTIVE ACTIONS TO RESTORE MALFUNCTIONING PROCESS AND AIR POLLUTION CONTROL AND MONITORING EQUIPMENT TO ITS NORMAL OR USUAL MANNER OF OPERATION. | | | |

Summary of Compliance Requirements

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Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Compliance Assurance Monitoring | | Activity Type | |
|---------------------------------|---|---------------------|---|
| Monitored Parameter | | Reporting Frequency | Monitoring Frequency |
| Cond | Regulated Contaminant | Lower Limit | Upper Limit |
| Num | Process Material | Units | |
| | | Averaging Method | |
| 33 | **** **** **** THE OWNER OR OPERATOR MUST KEEP RECORDS OF THE MAINTENANCE CONDUCTED ON THE STATIONARY RICE IN ORDER TO DEMONSTRATE THAT HE/SHE OPERATED AND MAINTAINED THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MAINTENANCE PLAN FOR THE FOLLOWING STATIONARY RICE; (1) AN EXISTING STATIONARY RICE WITH A SITE RATING OF LESS THAN 100 BRAKE HORSEPOWER LOCATED AT A MAJOR SOURCE OF HAP EMISSIONS. (2) AN EXISTING STATIONARY EMERGENCY RICE. (3) AN EXISTING STATIONARY RICE LOCATED AT AN AREA SOURCE OF HAP EMISSIONS SUBJECT TO MANAGEMENT PRACTICES AS SHOWN IN TABLE 2D TO SUBPART ZZZZ. | | RECORD KEEPING/MAINTENANCE PROCEDURES ANNUALLY (CALENDAR) AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION **** |
| 34 | **** **** **** OPERATION OF ANY OF THE STATIONARY RICE IN PARAGRAPHS (1) OR (2) BELOW, REQUIRES THE OWNER/OPERATOR TO KEEP RECORDS OF THE HOURS OF OPERATION OF THE ENGINE THAT IS RECORDED THROUGH THE NON-RESETTABLE HOUR METER. THE OWNER OR OPERATOR MUST DOCUMENT HOW MANY HOURS ARE SPENT FOR EMERGENCY OPERATION, INCLUDING WHAT CLASSIFIED THE OPERATION AS EMERGENCY AND HOW MANY HOURS ARE SPENT FOR NON-EMERGENCY OPERATION. IF THE ENGINES ARE USED FOR DEMAND RESPONSE OPERATION, THE OWNER OR OPERATOR MUST KEEP RECORDS OF THE NOTIFICATION OF THE EMERGENCY SITUATION, AND THE TIME THE ENGINE WAS OPERATED AS PART OF DEMAND RESPONSE. (1) AN EXISTING EMERGENCY STATIONARY RICE WITH A SITE RATING OF LESS THAN OR EQUAL TO 500 BRAKE HP LOCATED AT A MAJOR SOURCE OF HAP EMISSIONS THAT DOES NOT MEET THE STANDARDS APPLICABLE TO NON-EMERGENCY ENGINES. (2) AN EXISTING EMERGENCY STATIONARY RICE LOCATED AT AN AREA SOURCE OF HAP EMISSIONS THAT DOES NOT MEET THE STANDARDS APPLICABLE TO NON-EMERGENCY ENGINES. | | RECORD KEEPING/MAINTENANCE PROCEDURES ANNUALLY (CALENDAR) CONTINUOUS **** |

Summary of Compliance Requirements

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Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Cond | Regulated Contaminant | Lower Limit | Upper Limit | Activity Type |
|------|---|-------------|-------------|---|
| | | | | Reporting Frequency |
| Num | Process Material | Units | | Monitoring Frequency |
| | | | | Averaging Method |
| 35 | **** **** **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| | RECORDS MUST BE IN A FORM SUITABLE AND READILY AVAILABLE FOR EXPEDITIOUS REVIEW ACCORDING TO 40 CFR 63.10(B)(1). | | | ANNUALLY (CALENDAR) |
| | AS SPECIFIED IN 40 CFR 63.10(B)(1), THE OWNER OR OPERATOR MUST KEEP EACH RECORD FOR 5 YEARS FOLLOWING THE DATE OF EACH OCCURRENCE, MEASUREMENT, MAINTENANCE, CORRECTIVE ACTION, REPORT, OR RECORD. | | | AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |
| | THE OWNER OR OPERATOR MUST KEEP EACH RECORD READILY ACCESSIBLE IN HARD COPY OR ELECTRONIC FORM FOR AT LEAST 5 YEARS AFTER THE DATE OF EACH OCCURRENCE, MEASUREMENT, MAINTENANCE, CORRECTIVE ACTION, REPORT, OR RECORD, ACCORDING TO 40 CFR 63.10(B)(1). | | | **** |

Emission Unit: U-ANNE1 Process: PCK Emission Source: 00S38

| | | | | |
|-----|---|--|--------------------|---|
| 38 | VOLUMETRIC FLOW RATE | | 240 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE |
| CAP | PARTICULATES | | gallons per minute | UPON REQUEST BY REGULATORY AGENCY |
| | **** | | | DAILY |
| | THE OWNER OR OPERATOR SHALL USE A FLOW METER TO VERIFY THE WATER FLOW TO THE SCRUBBER USED TO CONTROL PARTICULATE EMISSIONS FROM THIS SOURCE. 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. | | | MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME |
| | REPORTS WILL BE SUBMITTED SEMI- ANNUALLY, IN A FORMAT ACCEPTABLE TO THE COMMISSIONER'S REPRESENTATIVE, WHICH DOCUMENT THE FACILITY'S FLOW METER READINGS ARE WITHIN THE LIMITS STATED BELOW. THE SEMI-ANNUAL REPORTS MUST INCLUDE INFORMATION THAT DOCUMENTS THE WATER FLOW RATE READINGS FOR THE SCRUBBER. | | | |
| | ANY NONCOMPLIANCE WITH THE WATER FLOW RATE 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. | | | |

Summary of Compliance Requirements

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Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Activity Type</u> |
|----------------------------|------------------------------|--------------------|--------------------|-----------------------------|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Units</u> | | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |

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

| | | | | |
|-----|---|--|--------------------|---|
| 39 | VOLUMETRIC FLOW RATE | | 78 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE |
| CAP | PARTICULATES | | gallons per minute | UPON REQUEST BY REGULATORY AGENCY |
| | **** | | | DAILY |
| | THE OWNER OR OPERATOR SHALL USE A FLOW METER TO VERIFY THE WATER FLOW TO THE SCRUBBER USED TO CONTROL PARTICULATE EMISSIONS FROM THIS SOURCE. 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. | | | |
| | REPORTS WILL BE SUBMITTED SEMI- ANNUALLY, IN A FORMAT ACCEPTABLE TO THE COMMISSIONER'S REPRESENTATIVE, WHICH DOCUMENT THE FACILITY'S FLOW METER READINGS ARE WITHIN THE LIMITS STATED BELOW. THE SEMI-ANNUAL REPORTS MUST INCLUDE INFORMATION THAT DOCUMENTS THE WATER FLOW RATE READINGS FOR THE SCRUBBER. | | | MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME |
| | ANY NONCOMPLIANCE WITH THE WATER FLOW RATE 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. | | | |

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

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Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Activity Type</u> |
|----------------------------|------------------------------|--------------------|--------------------|-----------------------------|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Units</u> | | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |

Emission Unit: U-CAST1 Process: BH1

| | | | | |
|---|--------------|---|--|---|
| 40 | **** | 95 | | INTERMITTENT EMISSION TESTING |
| CAP | PARTICULATES | percent degree of air cleaning or greater | | SEMI-ANNUALLY (CALENDAR) |
| | **** | | | ONCE EVERY TEN YEARS |
| <p>THE FACILITY-WIDE EMISSIONS OF PARTICULATES, PM-10 AND PM 2.5 FOR ANY 12-MONTH ROLLING PERIOD SHALL BE LIMITED TO 90 TPY. AS PART OF THE CAP THE FACILITY IS CONTROLLING EMISSION FROM THIS PROCESS USING A CYCLONE AND BAGHOUSE TO 95% OR GREATER.</p> <p>TO VERIFY THIS EMISSION REDUCTION THE FACILITY SHALL CONDUCT A STACK TEST WITHIN 180 DAYS OF ISSUANCE OF THE PERMIT, AND AS FURTHER REQUIRED IN THIS CONDITION. DURING THE TESTING CONTROL PARAMETERS WILL BE DETERMINED IN ORDER TO MONITOR THE CONTROL EQUIPMENT.</p> <p>IF THE PERCENT DEGREE OF AIR CLEANING IS LOWER THAN THE LIMIT, THE FACILITY WILL REDO THE MODELING AND MAKE ANY MODIFICATIONS TO THE PERMIT NECESSARY, AND THE FACILITY WILL PROVIDE NOTIFICATION OF THE STEPS THAT WILL BE TAKEN TO ACHIEVE COMPLIANCE WITHIN 30 DAYS OF RECEIVING THE RESULTS OF THE TESTING.</p> <p>THE REQUIRED TESTING WILL BE IN COMPLIANCE WITH PART 202-2 OF THIS TITLE. ALL REPORTS WILL BE IN A FORMAT ACCEPTABLE TO THE DEPARTMENT AND SUBMITTED AS REQUIRED.</p> <p>COMPLIANCE WITH THIS REQUIREMENT SHALL ALLOW THE FACILITY TO BE IN COMPLIANCE WITH 6 NYCRR PART 212-2.1(A) WITH THE MEL FOR THE FOLLOWING HTACS: CADMIUM COMPOUNDS, CHROMIUM COMPOUNDS, LEAD COMPOUNDS, MERCURY COMPOUNDS, NICKEL COMPOUNDS, THAT ARE GIVEN AN A RATING. AS WELL AS 6 NYCRR PART 212-2.1(B) FOR B-RATED CONTAMINANTS (IRON OXIDE, COPPER OXIDE, AND GRAPHITE) WITH EMISSIONS GREATER THAN THE MEL FOR NON-HTACS.</p> | | | | AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED |

Summary of Compliance Requirements

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READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | | | <u>Activity Type</u> |
|----------------------------|------------------------------|--------------------|--------------------|-----------------------------|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |

Emission Unit: U-CAST1 Process: BH2

| | | | | |
|-----|---|--|---|---|
| 41 | **** | | 99 | INTERMITTENT EMISSION TESTING |
| CAP | PARTICULATES | | percent degree of air cleaning or greater | SEMI-ANNUALLY (CALENDAR) |
| | **** | | | ONCE EVERY TEN YEARS |
| | <p>THE FACILITY-WIDE EMISSIONS OF PARTICULATES, PM-10 AND PM 2.5 FOR ANY 12-MONTH ROLLING PERIOD SHALL BE LIMITED TO 90 TPY. AS PART OF THE CAP THE FACILITY IS CONTROLLING EMISSION FROM THIS PROCESS USING A CYCLONE AND BAGHOUSE TO 99% OR GREATER.</p> <p>TO VERIFY THIS EMISSION REDUCTION THE FACILITY SHALL CONDUCT A STACK TEST WITHIN 180 DAYS OF ISSUANCE OF THE PERMIT, AND AS FURTHER REQUIRED IN THIS CONDITION. DURING THE TESTING CONTROL PARAMETERS WILL BE DETERMINED IN ORDER TO MONITOR THE CONTROL EQUIPMENT.</p> <p>IF THE RESULTS OF THE TESTING THE PERCENT CONTROL IS LESS THAN AS INDICATED IN THIS CONDITION THE FACILITY WILL TAKE PROPER STEPS TO MODIFY THE PERMIT. IF THE RESULTS OF THE TESTING THE PERCENT CONTROL IS LESS THAN AS INDICATED IN THIS CONDITION THE FACILITY WILL TAKE PROPER STEPS TO MODIFY THE PERMIT.</p> <p>THE REQUIRED TESTING WILL BE IN COMPLIANCE WITH PART 202-2 OF THIS TITLE. ALL REPORTS WILL BE IN A FORMAT ACCEPTABLE TO THE DEPARTMENT AND SUBMITTED AS REQUIRED.</p> <p>COMPLIANCE WITH THIS REQUIREMENT SHALL ALLOW THE FACILITY TO BE IN COMPLIANCE WITH 6 NYCRR PART 212-2.1(A) WITH THE MEL FOR THE FOLLOWING HTACS: CADMIUM COMPOUNDS, CHROMIUM COMPOUNDS, LEAD COMPOUNDS, MERCURY COMPOUNDS, NICKEL COMPOUNDS, THAT ARE GIVEN AN A RATING. AS WELL AS 6 NYCRR PART 212-2.1(B) FOR B-RATED CONTAMINANTS (IRON OXIDE, COPPER OXIDE, AND GRAPHITE) WITH EMISSIONS GREATER THAN THE MEL FOR NON-HTACS.</p> | | | AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED |

Summary of Compliance Requirements

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Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Activity Type</u> |
|----------------------------|------------------------------|--------------------|--------------------|-----------------------------|
| <u>Cond</u> | <u>Regulated Contaminant</u> | <u>Units</u> | | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |

Emission Unit: U-CAST1 Emission Point: 00039

| | | | | |
|--|--------------|--|--|---------------------------------------|
| 42 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| CAP | PARTICULATES | | | ANNUALLY (CALENDAR) |
| | **** | | | MONTHLY |
| <p>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.</p> | | | | |
| <p>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.</p> | | | | ANNUAL MAXIMUM ROLLED MONTHLY |
| <p>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.</p> | | | | |
| <p>Monitoring applies to the following additional regulated contaminant(s): PM-10</p> | | | | |

Summary of Compliance Requirements

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Compliance Assurance Monitoring

| Monitored Parameter | | Activity Type | |
|---------------------|-----------------------|----------------------|-------------|
| Cond | Regulated Contaminant | Lower Limit | Upper Limit |
| Num | Process Material | Units | |
| | | Monitoring Frequency | |
| | | Averaging Method | |

Emission Unit: U-OVER1 Process: OVR

| | | | | |
|---|--|---|-----|---|
| 43 | **** COPPER **** | 91 percent degree of air cleaning or greater | | INTERMITTENT EMISSION TESTING SEMI-ANNUALLY (CALENDAR) ONCE EVERY TEN YEARS AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED |
| <p>THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B. NON-CRITERIA CONTAMINANTS GIVEN AN ER OF B AND HAVING AN EMISSION RATE POTENTIAL (ERP) OF LESS THAN 10 POUNDS PER HOUR MUST DEMONSTRATE THAT AMBIENT IMPACTS OF EACH CONTAMINANT AT THE FENCE LINE OF THE FACILITY ARE LESS THAN THE ANNUAL (AGC) AND SHORT TERM (SGC) GUIDELINE CONCENTRATIONS FOR THE AIR CONTAMINANT, AS SPECIFIED IN SUBDIVISION 212-2.3(B), TABLE 4 – DEGREE OF AIR CLEANING REQUIRED FOR NON-CRITERIA AIR CONTAMINANTS.</p> <p>THE FACILITY WILL PERFORM A STACK TEST ON THE EMISSION SOURCE 180 DAYS AFTER ISSUANCE OF THE PERMIT AND AS REQUIRED IN THE CONDITION. THIS WILL VERIFY CONTROL EFFICIENCY MEETS THE LIMIT STATED BELOW AND EMISSION OF COPPER. TESTING CAN BE DONE USING FILTERABLE PARTICULATES AS A SURROGATE.</p> <p>THIS WILL ENSURE THAT THE EMISSIONS OF COPPER AND COPPER OXIDE MEET THE LEVELS SUCH THAT THEY ARE LESS THAN THE AGC. IF THE PERCENT DEGREE OF AIR CLEANING IS LOWER THAN THE LIMIT, THE FACILITY WILL REDO THE MODELING AND MAKE ANY MODIFICATIONS TO THE PERMIT NECESSARY, AND THE FACILITY WILL PROVIDE NOTIFICATION OF THE STEPS THAT WILL BE TAKEN TO ACHIEVE COMPLIANCE WITHIN 30 DAYS OF RECEIVING THE RESULTS OF THE TESTING.</p> | | | | |
| 44 | VOLUMETRIC FLOW RATE CAP PARTICULATES **** | 400 gallons per minute | 700 | MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE SEMI-ANNUALLY (CALENDAR) DAILY RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME |
| <p>THE OWNER OR OPERATOR SHALL USE A FLOW METER TO VERIFY THE WATER FLOW TO THE SCRUBBER USED TO CONTROL PARTICULATE EMISSIONS FROM THIS SOURCE. 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. WHILE OPERATING THIS PROCESS THE SOURCE OWNER SHALL OPERATE THE SCRUBBER WITHIN THE FLOW RATE RANGE DETERMINED DURING THE MOST RECENT DEPARTMENT-APPROVED PERFORMANCE TEST</p> <p>REPORTS WILL BE SUBMITTED SEMI- ANNUALLY, IN A FORMAT ACCEPTABLE TO THE COMMISSIONER'S REPRESENTATIVE, WHICH DOCUMENT THE FACILITY'S FLOW METER READINGS ARE WITHIN THE LIMITS STATED BELOW. THE SEMI-ANNUAL REPORTS MUST INCLUDE INFORMATION THAT DOCUMENTS THE WATER FLOW RATE READINGS FOR THE SCRUBBER.</p> <p>ANY NONCOMPLIANCE WITH THE WATER FLOW RATE 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.</p> | | | | |

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| Monitored Parameter | | Lower Limit | Upper Limit | Activity Type |
|---------------------|-----------------------|-------------|-------------|----------------------|
| Cond | Regulated Contaminant | | | Reporting Frequency |
| Num | Process Material | Units | | Monitoring Frequency |
| | | | | Averaging Method |

Emission Unit: U-ROLL1 Process: ROL Emission Source: 01723

| | | | | |
|----|--|-----------------|-----|---|
| 45 | **** PARTICULATES **** | | .36 | INTERMITTENT EMISSION TESTING |
| | | pounds per hour | | SEMI-ANNUALLY (CALENDAR) |
| | THE CONTAMINANT LISTED ABOVE HAS BEEN GIVEN AN ENVIRONMENTAL RATING (ER) OF B. NON-CRITERIA CONTAMINANTS GIVEN AN ER OF B AND HAVING AN EMISSION RATE POTENTIAL (ERP) OF LESS THAN 10 POUNDS PER HOUR MUST DEMONSTRATE THAT AMBIENT IMPACTS OF EACH CONTAMINANT AT THE FENCE LINE OF THE FACILITY ARE LESS THAN THE ANNUAL (AGC) AND SHORT TERM (SGC) GUIDELINE CONCENTRATIONS FOR THE AIR CONTAMINANT, AS SPECIFIED IN SUBDIVISION 212-2.3(B), TABLE 4 – DEGREE OF AIR CLEANING REQUIRED FOR NON-CRITERIA AIR CONTAMINANTS. | | | ONCE EVERY TEN YEARS |
| | THE FACILITY WILL PERFORM A STACK TEST ON THE EMISSION SOURCE 180 DAYS AFTER ISSUANCE OF THE PERMIT AND AS REQUIRED IN THIS CONDITION. THIS WILL VERIFY EMISSION OF TRIAZINE, 1,3,5- (2H,4H,6H) TRIETHANOL. TESTING CAN BE DONE USING CONDENSABLE PARTICULATES AS A SURROGATE. | | | AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED |
| | THIS WILL ENSURE THAT THE EMISSIONS OF TRIAZINE, 1,3,5- (2H,4H,6H) TRIETHANOL MEET THE LEVELS SUCH THAT THEY ARE LESS THAN THE AGC. IF THE EMISSIONS ARE HIGHER THAN THE LIMIT, THE FACILITY WILL REDO THE MODELING AND MAKE ANY MODIFICATIONS TO THE PERMIT NECESSARY, AND THE FACILITY WILL PROVIDE NOTIFICATION OF THE STEPS THAT WILL BE TAKEN TO ACHIEVE COMPLIANCE WITHIN 30 DAYS OF RECEIVING THE RESULTS OF THE TESTING. | | | |

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Compliance Assurance Monitoring

| <u>Monitored Parameter</u> | | <u>Lower Limit</u> | <u>Upper Limit</u> | <u>Activity Type</u> |
|----------------------------|---|--------------------|--------------------|--|
| <u>Cond</u> | <u>Regulated Contaminant</u> | | | <u>Reporting Frequency</u> |
| <u>Num</u> | <u>Process Material</u> | <u>Units</u> | | <u>Monitoring Frequency</u> |
| | | | | <u>Averaging Method</u> |
| 50 | **** | | | RECORD KEEPING/MAINTENANCE PROCEDURES |
| | **** | | | |
| | **** | | | AS REQUIRED - SEE MONITORING DESCRIPTION |
| | ANY REPORTS OR SUBMISSIONS REQUIRED BY THIS PERMIT SHALL BE SUBMITTED TO THE REGIONAL AIR POLLUTION CONTROL ENGINEER (RAPCE) AT THE FOLLOWING ADDRESS: | | | **** |
| | DIVISION OF AIR RESOURCES NYS DEPT. OF ENVIRONMENTAL CONSERVATION REGION 6 STATE OFFICE BUILDING 317 WASHINGTON AVE. WATERTOWN, NY 13601 | | | **** |

Summary of Compliance Requirements

***** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF FACILITY PERMISSIBLE EMISSIONS.
READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. *****

DEC ID 6301300091 Facility REVERE COPPER PRODUCTS INC

Location ONE REVERE PARK ROME, NY 13440

Permit ID 6-3013-00091/00039 Application Recv'd 02/09/2023 Renewal No: 2

Permit Type ASF Status Draft

Facility Permissible Emissions

| | | |
|--------------------|---|-------------------------------|
| 004719-04-4 | TRIAZINE, 1,3,5- (2H,4H,6H) TRIETHANOL | |
| 007440-50-8 | COPPER | |
| 0NY075-00-0 | PARTICULATES | 180000 pounds per year |
| 0NY075-00-5 | PM-10 | 180000 pounds per year |
| 0NY075-02-5 | PM 2.5 | |
| 0NY210-00-0 | OXIDES OF NITROGEN | 190000 pounds per year |

Emission Unit Permissible Emissions

Emission Unit: U-COMB1

| | | |
|--------------------|---------------------------|------------------------------|
| 0NY075-00-0 | PARTICULATES | 3.33 pounds per hour |
| 0NY075-00-0 | PARTICULATES | 29156 pounds per year |
| 0NY210-00-0 | OXIDES OF NITROGEN | 10.99 pounds per hour |
| 0NY210-00-0 | OXIDES OF NITROGEN | 96300 pounds per year |

Emission Unit: U-FURN1

| | | |
|--------------------|---------------------------|------------------------------|
| 0NY210-00-0 | OXIDES OF NITROGEN | 5.48 pounds per hour |
| 0NY210-00-0 | OXIDES OF NITROGEN | 48000 pounds per year |

Emission Unit: U-OVER1

| | | |
|--------------------|---------------------|------------------------------|
| 0NY075-00-0 | PARTICULATES | 32 pounds per hour |
| 0NY075-00-0 | PARTICULATES | 19441 pounds per year |

Emission Unit: U-ROLL1

| | | |
|--------------------|---------------------|------------------------------|
| 0NY075-00-0 | PARTICULATES | 3.05 pounds per hour |
| 0NY075-00-0 | PARTICULATES | 22232 pounds per year |