

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: 02/23/2024 Expiration Date: 02/22/2034

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 (CO<sub>2e</sub>) 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 CO<sub>2e</sub> to avoid Title V applicability. Emissions are also capped at 25 tons per year for Particulates and 15 tons per year for PM-10 on emission

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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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**DEC GENERAL CONDITIONS**

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- 5 1 Facility Inspection by the Department
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- 5 3 Applications for permit renewals, modifications and transfers
- 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: 02/23/2024

Permit Expiration Date: 02/22/2034

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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 211.2: Visible Emissions Limited
- 13 7 6 NYCRR 212-2.1 (b): Compliance Demonstration
- 14 8 6 NYCRR 212-2.1 (b): Compliance Demonstration
- 15 9 6 NYCRR 212-2.1 (b): Compliance Demonstration
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- 19 12 6 NYCRR 212-2.1 (b): Compliance Demonstration
- 20 13 6 NYCRR 225-1.2 (d): Compliance Demonstration
- 20 14 6 NYCRR 225-1.6 (f): Compliance Demonstration
- 21 15 6 NYCRR 226-1.3: Compliance Demonstration
- 22 16 6 NYCRR 226-1.4 (a): Compliance Demonstration
- 23 17 6 NYCRR 226-1.4 (a) (3): Compliance Demonstration
- 23 18 6 NYCRR 226-1.5 (a): Compliance Demonstration
- 24 19 40CFR 60, NSPS Subpart JJJJ: Applicability
- 24 20 40CFR 63.6595(a)(1), Subpart ZZZZ: Compliance date for existing RICE
- 24 21 40CFR 63.6603(a), Subpart ZZZZ: Compliance Demonstration
- 25 22 40CFR 63.6605(a), Subpart ZZZZ: Compliance required at all times
- 25 23 40CFR 63.6605(b), Subpart ZZZZ: Operate and maintain  
air pollution control and monitoring equipment consistent with good  
engineering practices
- 25 24 40CFR 63.6625(e), Subpart ZZZZ: Compliance Demonstration
- 27 25 40CFR 63.6625(f), Subpart ZZZZ: Compliance Demonstration
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- 28 27 40CFR 63.6625(i), Subpart ZZZZ: Compliance Demonstration
- 29 28 40CFR 63.6625(j), Subpart ZZZZ: Compliance Demonstration
- 30 29 40CFR 63.6640(f), Subpart ZZZZ: Compliance Demonstration
- 30 30 40CFR 63.6655(a), Subpart ZZZZ: Compliance Demonstration
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- 33 33 40CFR 63.6660, Subpart ZZZZ: Compliance Demonstration
- 34 34 40CFR 63.6665, Subpart ZZZZ: General provisions

**Emission Unit Level**

- 34 35 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

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

- 34 36 6 NYCRR 212-2.1 (b): Compliance Demonstration

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

- 36 37 6 NYCRR 212-2.1 (b): Compliance Demonstration

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



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37 \*38 6 NYCRR Subpart 201-7: Capping Monitoring Condition

**EU=U-OVER1,Proc=OVR**

38 39 6 NYCRR 212-2.1 (b): Compliance Demonstration

**EU=U-ROLL1,Proc=ROL,ES=01723**

39 40 6 NYCRR 212-2.1 (b): Compliance Demonstration

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43 41 ECL 19-0301: Contaminant List

44 42 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities

45 43 6 NYCRR Subpart 201-5: Emission Unit Definition

47 44 6 NYCRR Subpart 201-5: Compliance Demonstration

48 45 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits

49 46 6 NYCRR 201-5.3 (c): Compliance Demonstration

49 47 6 NYCRR 211.1: Air pollution prohibited

**Emission Unit Level**

50 48 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit

52 49 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

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

59 50 6 NYCRR Subpart 201-5: Compliance Demonstration

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

59 51 6 NYCRR Subpart 201-5: Compliance Demonstration

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

60 52 6 NYCRR 212-2.1 (a): Compliance Demonstration

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

62 53 6 NYCRR 212-2.1 (a): Compliance Demonstration

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

63 54 6 NYCRR Subpart 201-5: Compliance Demonstration

NOTE: \* preceding the condition number indicates capping.

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**FEDERALLY ENFORCEABLE CONDITIONS**

Renewal 2/FINAL

\*\*\*\* 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,

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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 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**

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**Activities - 6 NYCRR 201-3.3 (a)**

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

**Item 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)**

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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 between the dates of 02/23/2024 and 02/22/2034**

**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 between the dates of 02/23/2024 and 02/22/2034**

**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 between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

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**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.

**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

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**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 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.

The initial report is due 7/30/2024.

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

**Condition 4: Capping Monitoring Condition**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**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 201-6.1 (a)

**Item 4.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission

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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:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 4.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility-wide emissions, including those from permitted, exempt, and trivial sources, of NO<sub>x</sub> for any consecutive 12-month period shall be limited to 95 tpy. Fuel oil 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<sub>x</sub> emissions over any consecutive 12-month period were below 95 tpy. The annual reports must include information that documents the NO<sub>x</sub> emissions from each emission source, including exempt sources at the facility.

The report must also include all emission factors and other data used in calculating the monthly NO<sub>x</sub>



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emissions.

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

Parameter Monitored: OXIDES OF NITROGEN  
 Upper Permit Limit: 95 tons per year  
 Monitoring Frequency: MONTHLY  
 Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2025.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 5: Capping Monitoring Condition**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**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)  
 40 CFR 52.21

**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.

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

**Item 5.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility-wide emissions of 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 .

Parameter Monitored: PARTICULATES

Upper Permit Limit: 90 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2025.

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

**Condition 6: Visible Emissions Limited**  
Effective between the dates of 02/23/2024 and 02/22/2034

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 6.1:**

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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 7: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 7.1:**

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: 0NY075-00-5      PM-10

**Item 7.2:**

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-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).

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.

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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.

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: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2025.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 8: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 8.1:**

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

Emission Unit: U-OVER1                      Emission Point: 00031

Regulated Contaminant(s):  
 CAS No: 001317-38-0                      COPPER OXIDE  
 CAS No: 007440-50-8                      COPPER

**Item 8.2:**

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. 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 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 µg/m<sup>3</sup>, which is 95% of the AGC of 0.48 µg/m<sup>3</sup>.

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.

Parameter Monitored: HOURS OF OPERATION

Upper Permit Limit: 6658 hours per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2025.

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

**Condition 9: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 9.1:**

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 9.2:**

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

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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

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.

The initial report is due 7/30/2024.

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

**Condition 10: Compliance Demonstration**

**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 10.1:**

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):

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

**Item 10.2:**

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% 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.

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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2025.

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

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**Condition 11: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**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

Emission Point: 00026

Regulated Contaminant(s):

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

**Item 11.2:**

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. 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 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)triethanol 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 µg/m<sup>3</sup>, which is 95% of the interim AGC assigned by NYSDEC of 0.06 µg/m<sup>3</sup>.

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.



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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.  
 The initial report is due 1/30/2025.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 12: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 12.1:**  
 The Compliance Demonstration activity will be performed for the Facility.

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

**Item 12.2:**  
 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.  
 The initial report is due 7/30/2024.  
 Subsequent reports are due every 6 calendar month(s).

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**Condition 13: Compliance Demonstration**

**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 13.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 13.2:**

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 14: Compliance Demonstration**

**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 14.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 14.2:**

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

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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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

**Condition 15: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:6 NYCRR 226-1.3**

**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: 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

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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.

Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2025.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 16: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**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: 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)

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Reports due 30 days after the reporting period.  
The initial report is due 1/30/2025.  
Subsequent reports are due every 12 calendar month(s).

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:6 NYCRR 226-1.4 (a) (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: 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.  
The initial report is due 1/30/2025.  
Subsequent reports are due every 12 calendar month(s).

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:6 NYCRR 226-1.5 (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: 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

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Parameter Monitored: DURATION  
 Lower Permit Limit: 15 seconds  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2025.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 19: Applicability**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ**

**Item 19.1:**  
 Facilities that have stationary spark ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart JJJJ.

**Condition 20: Compliance date for existing RICE**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 20.1:**  
 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 21: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:40CFR 63.6603(a), Subpart ZZZZ**

**Item 21.1:**  
 The Compliance Demonstration activity will be performed for the Facility.

**Item 21.2:**  
 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

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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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 22: Compliance required at all times  
Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 22.1:**

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 23: Operate and maintain air pollution control and monitoring equipment consistent with good engineering practices  
Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 23.1:**

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 24: Compliance Demonstration  
Effective between the dates of 02/23/2024 and 02/22/2034**

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

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**Item 24.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 24.2:**

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;
- (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;



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(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 25: Compliance Demonstration**  
Effective between the dates of 02/23/2024 and 02/22/2034

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

**Item 25.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 25.2:**

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 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.

The initial report is due 1/30/2025.

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

**Condition 26: Compliance Demonstration**  
Effective between the dates of 02/23/2024 and 02/22/2034

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

**Item 26.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 26.2:**

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Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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.

The initial report is due 1/30/2025.

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

**Condition 27: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement: 40CFR 63.6625(i), 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:

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

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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 28: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:40CFR 63.6625(j), 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: 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 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

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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 29: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:40CFR 63.6640(f), 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 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.

The initial report is due 1/30/2025.

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

**Condition 30: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

**Applicable Federal Requirement:40CFR 63.6655(a), 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 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.

The initial report is due 1/30/2025.

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

**Condition 31: Compliance Demonstration**

**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 31.1:**

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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 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2025.

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

**Condition 32: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 32.1:**

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:

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

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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)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2025.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 33: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement: 40CFR 63.6660, 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:

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.

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

The initial report is due 1/30/2025.  
Subsequent reports are due every 12 calendar month(s).

**Condition 34: General provisions**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:40CFR 63.6665, Subpart ZZZZ**

**Item 34.1:**  
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 35: Emission Unit Permissible Emissions**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 35.1:**  
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 36: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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



Permit ID: 6-3013-00091/00039

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**Item 36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1  
Process: BH1

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

**Item 36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

The following contaminants: iron oxide, copper oxide, and graphite are given an B rating. The facility owner or operator shall limit the actual annual emissions from the process operations at the facility so as to not exceed the MEL listed for the individual non-HTAC.

Particulates shall be used as surrogate. 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 method utilize to comply with the cap, the facility is controlling emissions 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 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.

Lower Permit Limit: 95 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.

The initial report is due 7/30/2024.

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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

**Condition 37: Compliance Demonstration**  
Effective between the dates of 02/23/2024 and 02/22/2034

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

**Item 37.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1  
Process: BH2

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

**Item 37.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following contaminants: iron oxide, copper oxide, and graphite are given an B rating. The facility owner or operator shall limit the actual annual emissions from the process operations at the facility so as to not exceed the MEL listed for the individual non-HTAC.

Particulates shall be used as surrogate. 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 methods utilize to comply with the cap, the facility is controlling emissions 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.

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.

Lower Permit Limit: 99 percent degree of air cleaning or greater

Permit ID: 6-3013-00091/00039

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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.  
The initial report is due 7/30/2024.  
Subsequent reports are due every 6 calendar month(s).

**Condition 38: Capping Monitoring Condition**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

**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:

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:**

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-CAST1                      Emission Point: 00039

Regulated Contaminant(s):

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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

**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 emissions from emission unit processes BH1 and BP1 for any consecutive 12-month annual rolling period shall be limited to 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.

Parameter Monitored: PM-10  
 Upper Permit Limit: 15 tons per year  
 Monitoring Frequency: MONTHLY  
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2025.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 39: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 39.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OVER1

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Process: OVR

Regulated Contaminant(s):

CAS No: 007440-50-8 COPPER

**Item 39.2:**

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 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.

The initial report is due 7/30/2024.

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

**Condition 40: Compliance Demonstration**

**Effective between the dates of 02/23/2024 and 02/22/2034**

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

**Item 40.1:**

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 40.2:**

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.

The initial report is due 7/30/2024.

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

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**STATE ONLY ENFORCEABLE CONDITIONS****\*\*\*\* Facility Level \*\*\*\*****NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: 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



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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 - 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 41: Contaminant List**

**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 41.1:**

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

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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  
Name: OXIDES OF NITROGEN

**Condition 42: Malfunctions and Start-up/Shutdown Activities**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 42.1:**

(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

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listed above must be adhered to in such circumstances.

**Condition 43: Emission Unit Definition**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 43.1:**

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 43.2:**

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

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**Item 43.3:**

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

**Item 43.4:**

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 43.5:**

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 43.6:**

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

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emissions are controlled by a wet scrubber/rotocone.

Building(s): 51

**Item 43.7:**

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

**Item 43.8:**

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 44: Compliance Demonstration**

**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 44.1:**

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 44.2:**

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Compliance Demonstration shall include the following monitoring:

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 INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

**Condition 45: Renewal deadlines for state facility permits  
Effective between the dates of 02/23/2024 and 02/22/2034**

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

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**Item 45.1:**

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 46: Compliance Demonstration**  
Effective between the dates of 02/23/2024 and 02/22/2034

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

**Item 46.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 46.2:**

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 47: Air pollution prohibited**  
Effective between the dates of 02/23/2024 and 02/22/2034

**Applicable State Requirement:6 NYCRR 211.1**

**Item 47.1:**

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 48: Emission Point Definition By Emission Unit**

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Effective between the dates of 02/23/2024 and 02/22/2034

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

**Item 48.1:**

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

**Item 48.2:**

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



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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 48.3:**

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 48.4:**

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 48.5:**

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

Emission Point: 00601

Height (ft.): 44

Diameter (in.): 22

NYTMN (km.): 4783.954 NYTME (km.): 464.631 Building: 51

**Item 48.6:**

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 48.7:**

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

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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 49: Process Definition By Emission Unit**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 49.1:**

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

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Source/Control: 01738 - Process

**Item 49.2:**

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 49.3:**

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

Emission Unit: U-ANNE1

Process: PCK

Source Classification Code: 3-99-999-99

Process Description:

The emissions of acid mists 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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Source/Control: 01738 - Process

Emission Source/Control: 01740 - Process

**Item 49.4:**

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 49.5:**

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

Control Type: FABRIC FILTER

Emission Source/Control: 00C40 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: 02056 - Process

Emission Source/Control: 02728 - Process

**Item 49.6:**

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

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Facility DEC ID: 6301300091

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 49.7:**

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

Emission Source/Control: 02728 - Process

**Item 49.8:**

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

Emission Unit: U-CAST1

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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 49.9:**

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 49.10:**

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.

Emission Source/Control: 00BR1 - Combustion  
Design Capacity: 42 million Btu per hour

Emission Source/Control: 00BR2 - Combustion  
Design Capacity: 42 million Btu per hour

Permit ID: 6-3013-00091/00039

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Emission Source/Control: 00BR3 - Combustion  
 Design Capacity: 57.2 million Btu per hour

**Item 49.11:**

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 49.12:**

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 49.13:**

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

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Source/Control: 02587 - Process

**Item 49.14:**

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 49.15:**

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 49.16:**

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

Emission Unit: U-SOLV1

Process: SOL

Source Classification Code: 4-01-002-01

Process Description: Solvent emissions from the 550-gallon degreaser



Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Source/Control: 02600 - Process  
Design Capacity: 550 gallons

**Condition 50: Compliance Demonstration**  
Effective between the dates of 02/23/2024 and 02/22/2034

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

**Item 50.1:**

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 50.2:**

Compliance Demonstration shall include the following monitoring:

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 51: Compliance Demonstration**  
Effective between the dates of 02/23/2024 and 02/22/2034

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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

**Item 51.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ANNE1

Process: PCK

Emission Source: 00S40

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 51.2:**

Compliance Demonstration shall include the following monitoring:

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: 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 52: Compliance Demonstration**

**Effective between the dates of 02/23/2024 and 02/22/2034**

**Applicable State Requirement:6 NYCRR 212-2.1 (a)**

**Item 52.1:**

The Compliance Demonstration activity will be performed for:

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

Emission Unit: U-CAST1  
Process: BH1

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

**Item 52.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following HTACs: Cadmium compounds, Chromium compounds, Lead Compounds Mercury Compounds, Nickel Compounds are given an A rating. The facility owner or operator shall limit the actual annual missions from the process operations at the facility so as to not exceed the MEL listed for the individual HTACs.

Particulates shall be used as surrogate. 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 methods to comply with the CAP the facility is controlling emissions from this process using a cyclone and baghouse to achieve a reduction of 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 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.

Lower Permit Limit: 95 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.

The initial report is due 7/30/2024.

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

**Condition 53: Compliance Demonstration**  
Effective between the dates of 02/23/2024 and 02/22/2034

**Applicable State Requirement: 6 NYCRR 212-2.1 (a)**

**Item 53.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CAST1  
Process: BH2

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

**Item 53.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

The following HTACs: Cadmium compounds, Chromium compounds, Lead Compounds Mercury Compounds, Nickel Compounds are given an A rating. The facility owner or operator shall limit the actual annual missions from the process operations at the facility so as to not exceed the MEL listed for the individual HTACs.

Particulates shall be used as surrogate. 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 methods utilize to comply with the cap, the facility is controlling emissions 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.

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.

Lower Permit Limit: 99 percent degree of air cleaning or greater  
Reference Test Method: Method 5, 201A

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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.  
The initial report is due 7/30/2024.  
Subsequent reports are due every 6 calendar month(s).

**Condition 54: Compliance Demonstration**  
**Effective between the dates of 02/23/2024 and 02/22/2034**

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

**Item 54.1:**

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 54.2:**

Compliance Demonstration shall include the following monitoring:

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

Permit ID: 6-3013-00091/00039

Facility DEC ID: 6301300091

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.

The initial report is due 7/30/2024.

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

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

**Facility DEC ID: 6301300091**