PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 3-3352-00145/00049
Effective Date: 04/11/2014 Expiration Date: 04/10/2019

Permit Issued To:REVERE SMELTING & REFINING CORP
2777 STEMMONS FWY STE 1800
DALLAS, TX 75207

Contact: Eduardo Rebasa
65 Ballard Road
Middletown, NY 10941
(845) 692-4414

Facility: REVERE SMELTING & REFINING CORP
65 BALLARD RD
MIDDLETOWN, NY 10941

Contact: Eduardo Rebasa
65 Ballard Road
Middletown, NY 10941
(845) 692-4414

Description:
Revere Smelting & Refining Corporation (Revere) operates a secondary lead smelter located in the Town of Wallkill, Orange County, New York. Incoming raw materials consists primarily of used lead-acid batteries. The majority of these batteries are automotive type, although various types of industrial and specialty type lead-acid batteries are also received. Other types of lead-bearing materials amenable to process operations include materials received from lead-acid battery manufacturing plants and scrap metal.

Lead-acid batteries are fed into the battery wrecker where they are mechanically crushed, shredded and hammered for sizing. Solid components of the battery are separated by a sink/float system. Battery electrolyte is collected, and transferred to the scrubber metals co-precipitation process for pH adjustment. The battery case material is washed and pneumatically transferred into trailers for shipment to plastic recyclers.

The metal portion of the battery ("Battery Wrecker Material") is fed to a hopper and then metered to a natural gas fired rotary dryer which serves to reduce the moisture in the charge material. The dried charge material is continuously fed to the reverberatory furnace which is fired by natural gas, oxygen-enriched burners. Antimony, arsenic, tin, calcium, aluminum, and other alloying elements in the metal are oxidized to the slag while lead is refined to produce a low impurity lead metal. The lead metal is tapped either into molds or directly into refining kettles which are designed to convert the metal produced by the furnace into ingots of specific contents required by customer specifications. Two basic types of metal are produced in the refinery: "Hard Lead" and "Soft Lead." Hard lead

contains relatively high amounts of alloying agents such as antimony, and soft lead is nearly pure lead. The compositions of these alloys are adjusted in the refining process to provide for the physical and metallurgical characteristics to satisfy customer requirements.

Revere also operates a crystallizer process which converts liquor from the onsite sulfur dioxide wet scrubber and neutralized battery electrolyte into sodium sulfate crystals which are sold on the open market.

Emission Sources

The main source of emissions at the facility are lead processing activities which include:
•Kiln drying of lead containing material;
•Smelting of dried lead containing material;
•Slag Casting;
•Refining Kettles; and
•Material Handling & Storage.

The lead processing areas are kept under negative pressure to ensure that no fugitive lead emissions are released from the facility. All point sources are controlled by baghouses. Scrubbers are employed to remove sulfur dioxide from the reverberatory furnace and short rotary furnace.

Two diesel generators are used to provide supplemental power when requested by the utility company, and during power outages. The operation of these units are limited to 500 hours per year.

Revere is subject to Title V permitting since emissions of sulfur dioxide and oxides of nitrogen exceed major stationary source thresholds defined by 6NYCRR 201.

The Standard Industrial Classification representative of this facility is 3341 - Secondary Nonferrous Metals.

Revere is subject to numerous monitoring, recordkeeping and reporting requirements defined under 40 CFR 63-A, 40 CFR 63-X, 40 CFR 60-L, 6 NYCRR 201, 6 NYCRR 212, 6 NYCRR 225 and 6 NYCRR 227.

Process Vent and Process Fugitive Sources as defined by 40CFR63.542	
Emission Point	**Source Description**
EP00001	Kiln Dryer Baghouse B3 / SRF Baghouse SRFBH / SRF SO2 Scrubber
EP00002	Refining Kettles Baghouse B4
EP00004	Yard Building Baghouse East B12
EP00007	Yard Building Baghouse West B13
EP00008	Refinery / Furnace Area Sanitary Baghouse B8

EP00009	Refinery / Furnace Area Sanitary Baghouse B9
EP00010	Refinery / Furnace Area Sanitary Baghouse B10
EP00011	Refinery / Furnace Area Sanitary Baghouse B11
EP00012	General Sanitary Baghouse B7
EP00016	General Sanitary Baghouse B6
EP00017	Reverberatory Furnace Baghouse B1 / B2 / SO2 Scrubber

Note: Baghouses B1, B2, B3, B4 and SRFBH are leak detection equipped.

Miscellaneous Onsite Sources Subject to 6NYCRR 212 and 227	
Emission Point	**Source Description**
EP00005	Electric Generator
EP00006	Electric Generator
EP00014	Crystallizer Scrubber
EP00015	Crystallizer Boiler
EP00024	Crystallizer Spray Dryer Baghouse

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: GEORGE A SWEIKERT
NYSDEC - REGION 3
21 S PUTT CORNERS RD
NEW PALTZ, NY 12561-1696

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers

Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

DEC GENERAL CONDITIONS
****** General Provisions ******
For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:
The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:
The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:
Permits are transferrable with the approval of the department unless specifically prohibited by

the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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 3 HEADQUARTERS
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 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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2777 STEMMONS FWY STE 1800
DALLAS, TX 75207

Facility: REVERE SMELTING & REFINING CORP
65 BALLARD RD
MIDDLETOWN, NY 10941

Authorized Activity By Standard Industrial Classification Code:
3341 - SECONDARY NONFERROUS METALS

Permit Effective Date: 04/11/2014 Permit Expiration Date: 04/10/2019

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

1 6 NYCRR 200.6: Acceptable Ambient Air Quality
2 6 NYCRR 201-6.4 (a) (7): Fees
3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
6 6 NYCRR 201-6.4 (e): Compliance Certification
7 6 NYCRR 202-2.1: Compliance Certification
8 6 NYCRR 202-2.5: Recordkeeping requirements
9 6 NYCRR 215.2: Open Fires - Prohibitions
10 6 NYCRR 200.7: Maintenance of Equipment
11 6 NYCRR 201-1.7: Recycling and Salvage
12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
18 6 NYCRR 202-1.1: Required Emissions Tests
19 40 CFR Part 68: Accidental release provisions.
20 40CFR 82, Subpart F: Recycling and Emissions Reduction
21 6 NYCRR Subpart 201-6: Emission Unit Definition
22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
23 6 NYCRR 211.1: Air pollution prohibited
24 6 NYCRR 212.4 (c): Compliance Certification
25 6 NYCRR 212.6 (a): Compliance Certification
26 6 NYCRR 212.10: Compliance Certification
27 6 NYCRR 212.11 (b) (5): Compliance Certification
28 6 NYCRR 225-1.2 (f): Compliance Certification
29 6 NYCRR 227-1.3 (a): Compliance Certification
30 40CFR 60.122(a), NSPS Subpart L: Compliance Certification
31 40CFR 60.122(a), NSPS Subpart L: Compliance Certification
32 40CFR 60.122(b), NSPS Subpart L: Compliance Certification
33 40CFR 63.10, Subpart A: § 63.10(b) General Recordkeeping Requirements
34 40CFR 63.10, Subpart A: §63.10(d) General Reporting Requirements
35 40CFR 63.541(b), Subpart X: Compliance Certification
36 40CFR 63.543, Subpart X: Compliance Certification
37 40CFR 63.543, Subpart X: Compliance Certification
38 40CFR 63.543, Subpart X: Compliance Certification
39 40CFR 63.543, Subpart X: Compliance Certification
40 40CFR 63.543(c), Subpart X: Compliance Certification
41 40CFR 63.543(c), Subpart X: Compliance Certification
42 40CFR 63.544(c), Subpart X: Compliance Certification
43 40CFR 63.544(d), Subpart X: Compliance Certification

44 40CFR 63.545(a), Subpart X: Compliance Certification
45 40CFR 63.548, Subpart X: Compliance Certification
46 40CFR 63.548, Subpart X: Compliance Certification
47 40CFR 63.548, Subpart X: Compliance Certification
48 40CFR 63.550, Subpart X: Recordkeeping and Reporting Requirements
49 40CFR 63.550, Subpart X: Compliance Certification

Emission Unit Level

50 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
51 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
52 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

EU=1-0LEAD,Proc=NIT

*53 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=1-0LEAD,Proc=REF

*54 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=1-0LEAD,EP=00017

55 6 NYCRR 212.9: Compliance Certification

EU=1-SRFKD,Proc=SRF

56 6 NYCRR 212.10 (a) (2): Compliance Certification

EU=1-SRFKD,EP=00001

*57 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*58 6 NYCRR Subpart 201-7: Capping Monitoring Condition
59 6 NYCRR 212.9: Compliance Certification

EU=3-GENER

60 6 NYCRR 212.10 (a) (2): Compliance Certification

EU=4-BOILR,EP=00015

61 6 NYCRR 212.10 (a) (2): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

62 ECL 19-0301: Contaminant List
63 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

NOTE: * preceding the condition number indicates capping.

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: **Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**
Owners and/or operators of facilities having an issued Title V 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.

Item D: **Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: **Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: **Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: **Property Rights - 6 NYCRR 201-6.4 (a) (6)**

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: Severability - 6 NYCRR 201-6.4 (a) (9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR 201-6.4 (g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR 201-6.4 (i)

This Title V permit shall be reopened and revised under any of the following circumstances:

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is

three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: **Permit Exclusion - ECL 19-0305**

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

(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: **Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: **Acceptable Ambient Air Quality**
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
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.

Condition 2: **Fees**
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: **Recordkeeping and Reporting of Compliance Monitoring**
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (c)

Item 3.1:
The following information must be included in any required compliance monitoring records and reports:

(i) The date, place, and time of sampling or measurements;

(ii) The date(s) analyses were performed;

(iii)The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)

Item 4.1:
Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:
The Compliance Certification activity will be performed for the Facility.

Item 5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 45 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill

Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 8/14/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 6: **Compliance Certification**
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (e)

Item 6.1:
The Compliance Certification activity will be performed for the Facility.

Item 6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

i. Compliance certifications shall contain:
- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due after the anniversary date of four consecutive calendar quarters as specified below. The first report is due after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

NYSDEC - Region 3 Headquarters
21 South Putt Corners Rd
New Paltz, New York 12561

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway,

Albany NY 12233-3251

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:
(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:
Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2
Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:
(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
(b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
(c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
(d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
(e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
(f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.

(g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
(i) Prescribed burns performed according to Part 194 of this Title.
(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:
Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 11: Recycling and Salvage
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:
Where practical, the owner or operator of an air contamination source shall recycle or salvage air

contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:
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.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 04/11/2014 and 04/10/2019

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

Item 13.1:
The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 14.1:
The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)

Item 15.1:
The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: Right to Inspect
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)

Item 16.1:
The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Off Permit Changes
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)

Item 17.1:
No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:
For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 19: Accidental release provisions.
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:
If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:
The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 21: Emission Unit Definition
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 1-0LEAD
Emission Unit Description:
This emission unit includes: reverberatory furnace system, slag casting, refining kettles and associated material handling equipment. A negative pressure system is used at the facility to control process fugutive emission sources and fugitive dust sources listed under 63.544(a). Collected air from associated sources are vented to twelve (12) seperate baghouse units to control lead and particulate emissions.
Nine (9) baghouse units are used to control lead emissions associated with the yard building areas, refining areas, lead tap and feed room. Eight (8) of these nine (9) baghouse units are pulse type HEPA filters (permit ID B6, B7, B8, B9, B10, B11, B12, B13) with one (1) baghouse unit (permit ID B5) is situated upstream of HEPA units B6 and B7.

The remaining three (3) baghouse units (permit ID B1, B2, and B4) control lead emissions from process sources including reverberatory furnace system, slag casting, refinery kettles and associated material handling equipment. These baghouse units are subject to the proper operation of leak detection systems.

A scrubber is used to remove sulfur from the reverberatory furnace gas stream. A 97% control efficiency of sulfur dioxide emissions is required which exhausts through emission point 00017. Associated with the scrubber is a small acid holding tank used for ph adjustment. This small holding tank is equipped with an acid mist scrubber and exhausts through emission point 00025.

Building(s): MAIN

Item 21.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 1-SRFKD
Emission Unit Description:
Short rotary furnace (SRF) and rotating kiln dryer. The SRF is equipped with a 10 mmbtu/hr low NOx burner. Both combustion units fire natural gas as fuel and utilize burners which combines pure oxygen to the fuel to enhance combustion. Baghouse units (permit ID B3 and SRFBH) are

used to control lead and particulate emissions. These baghouse units are subject to the proper operation of leak detection systems. The SRF is also equipped with a scrubber device to control sulfur dioxide emissions.

Building(s): MAIN

Item 21.3:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 2-CRYST
Emission Unit Description:
Sodium sulfate crystallizer operation which converts liquor from the onsite sulfur dioxide wet scrubber and neutralized battery electrolyte into sodium sulfate crystals. This emission unit consist of two process lines including the spray dryer equipped with a baghouse (EP 00024) and the dryer, cyclone and scrubber (EP 00014). Sodium sulfate product is stored in three silos. The silos are exempt since they are connected in series and vented through a baghouse collector.
The crystallizer operation utilizes an exempt emergency generator (EP 00020) to supply electric during periods when utility service is unavailable.

Building(s): CRYST

Item 21.4:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 3-GENER
Emission Unit Description:
Two 30 mmbtu/hr diesel generators used to provide supplemental power when requested by the utility company, and during power outages. These generators are limited to 500 hours (annual 12 month rolling average) as per the approved NOx RACT plan.

Building(s): MAIN

Item 21.5:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 4-BOILR
Emission Unit Description:
A 12.5 mmbtu/hr boiler (EP 00015) is used to supply process heat needed to operate the crystallization process. The boiler fires natural gas and is equipped with low NOx burners and flue gas recirculation as stipulated by the approved NOx RACT plan.

Building(s): CRYST

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)

Item 22.1:
Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 23: Air pollution prohibited
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 211.1

Item 23.1:
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.

Condition 24: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 24.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD	Emission Point: 00002
Emission Unit: 1-0LEAD	Emission Point: 00004
Emission Unit: 1-0LEAD	Emission Point: 00007
Emission Unit: 1-0LEAD	Emission Point: 00008
Emission Unit: 1-0LEAD	Emission Point: 00009
Emission Unit: 1-0LEAD	Emission Point: 00010
Emission Unit: 1-0LEAD	Emission Point: 00011

Emission Unit: 1-0LEAD Emission Point: 00012

Emission Unit: 1-0LEAD Emission Point: 00016

Emission Unit: 1-0LEAD Emission Point: 00025

Emission Unit: 2-CRYST Emission Point: 00014

Emission Unit: 2-CRYST Emission Point: 00024

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

Item 24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

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

At least 60 days prior to actual testing, Revere Smelting & Refining shall submit to NYSDEC a test protocol detailing methods and procedures to be used during the compliance test. Results must be submitted to NYSDEC within 60 days after completion of compliance testing.

Compliance test for emissions of particulate shall be conducted using 40CFR Part 60, Appendix A, Method 5.

Note: More stringent particulate emission limits for the operation of the dryer kiln (EP00001), operation of the short rotary furnace (EP00001) and operation of the reverberatory furnace (EP00017) are defined by separate permit conditions under 40CFR60.122(a) Subpart L.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 25.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD	Emission Point: 00004
Emission Unit: 1-0LEAD	Emission Point: 00007
Emission Unit: 1-0LEAD	Emission Point: 00008
Emission Unit: 1-0LEAD	Emission Point: 00009
Emission Unit: 1-0LEAD	Emission Point: 00010
Emission Unit: 1-0LEAD	Emission Point: 00011
Emission Unit: 1-0LEAD	Emission Point: 00012
Emission Unit: 1-0LEAD	Emission Point: 00016
Emission Unit: 1-0LEAD	Emission Point: 00025
Emission Unit: 2-CRYST	Emission Point: 00014
Emission Unit: 2-CRYST	Emission Point: 00024

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

Item 25.2:
Compliance Certification shall include the following monitoring:

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

Revere Smelting & Refining is prohibited from causing or allowing emissions having an average opacity during any six consecutive minutes of 20 percent or greater based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The opacity limit applicable to the reverberatory furnace (EP00017), operation of the short rotary furnace (EP00001) and refining kettles (EP00002) are defined by separate permit conditions under 40CFR 60.122(a) Subpart L.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 26: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.10

Item 26.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00017

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

Item 26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

In support of documenting compliance, Revere Smelting & Refining shall continue to submit a Continuous Emissions Monitoring (CEM) summary report for the reverberatory furnace scrubber emission point 00017. The summary report shall be submitted quarterly and contain the following information:

1. Monthly summary of actual continuous monitor system (CMS) operation time;
2. Monthly summary CMS downtime;
3. Summary outlining cause of CMS downtime;

4. Monthly tabulation of measured SO2 emissions in terms of lbs/hr;
5. Monthly tabulation of measured NOx emissions in terms of lbs/hr; and
6. Information on any changes to process equipment, control or CMS components.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 8/14/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.11 (b) (5)

Item 27.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00002

Emission Unit: 1-0LEAD Emission Point: 00017

Item 27.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Revere Smelting & Refining shall continue to operate Continuous Monitoring Systems (CMSs) as follows.

Kettle Stack EP 00002
COM

Reverberatory Furnace Stack EP 00017
CEM - NOx, SOx, Flow

CMSs shall conform with design and performance criteria outlined in 40 CFR 60 Appendix A. CEMs shall be operated in accordance with Quality Assurance Procedures outlined by 40 CFR 60, Appendix F. This includes, but not limited to, implementing a Quality Control Program (40 CFR 60-F.1), quarterly Data Accuracy Assessment (40 CFR 60-F.5) and Reporting Requirements (40 CFR 60-F.7).

Operation of COM shall comply with 40 CFR 60, Appendix B - Performance Specification 1.

Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities.

Operation of CMSs required for the kiln dryer and short rotary furnace emission point 00001 are defined by separate permit conditions under 6NYCRR 201-7.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 8/14/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

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

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

Item 28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

The facility shall not sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding 0.0015 % by weight. Records of all fuel deliveries shall be maintained by the facility including a certification by the vendor verifying sulfur in fuel content.

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 EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 29: Compliance Certification

Effective between the dates of 04/11/2014 and 04/10/2019

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

Item 29.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 3-GENER	Emission Point: 00005
Emission Unit: 3-GENER	Emission Point: 00006
Emission Unit: 4-BOILR	Emission Point: 00015

Item 29.2:
Compliance Certification shall include the following monitoring:

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

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 60.122(a), NSPS Subpart L

Item 30.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00017

Emission Unit: 1-SRFKD Emission Point: 00001

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

Item 30.2:
Compliance Certification shall include the following monitoring:

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

Revere Smelting & Refining is prohibited from causing or allowing emissions having an average opacity during any six consecutive minutes of 20 percent or greater based upon a six minute average in reference to test method 9 in Appendix A of 40 CFR 60. This applies to the reverberatory furnace emission source (EP 00017) and short rotary furnace (SRF) emission source (EP 00001).

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 60.122(a), NSPS Subpart L

Item 31.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00017

Emission Unit: 1-SRFKD Emission Point: 00001

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Emissions of solid particulates from the reverberatory furnace and from the combined short rotary furnace (SRF) and dryer kiln are limited to less than 0.022 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing shall be conducted at the request of the Department.

At least 60 days prior to actual testing, Revere Smelting & Refining shall submit to NYSDEC a Test Protocol detailing methods and procedures to be used during the compliance test.

Compliance test for emissions of particulate shall be conducted using 40CFR Part 60, Appendix A, Method 5.

Results must be submitted to NYSDEC within 60 days after completion of compliance testing.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.022 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 60.122(b), NSPS Subpart L

Item 32.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00002

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

Item 32.2:
Compliance Certification shall include the following monitoring:

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

Revere Smelting & Refining is prohibited from causing or allowing emissions having an average opacity during any six consecutive minutes of 10 percent or greater from the refining kettles, except only the emission of uncombined water. Revere shall continue to operate a Continuous Opacity Monitor associated with EP 00002 to assure compliance. Records shall be maintained by the facility and available for review by the Department upon request.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: EPA Method 9 / COM
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 33: § 63.10(b) General Recordkeeping Requirements
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.10, Subpart A

Item 33.1:
The owner or operator of an affected source subject to the provisions of this part shall maintain files of all information (including all reports and notifications) required by this part recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or record. At a minimum the most recent 2 years of data shall be retained on site. The owner or operator of an affected source subject to the provisions of this part shall maintain relevant records for such source as described in 40 CFR 63.10 (b)(2).

Condition 34: §63.10(d) General Reporting Requirements
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.10, Subpart A

Item 34.1:
The owner of operator of an affected source subject to the reporting requirements under the general provisions shall submit reports to the Department in accordance with the reporting requirements in the relevant standards as described in 40 CFR 63.10 (d).

Condition 35: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.541(b), Subpart X

Item 35.1:
The Compliance Certification activity will be performed for the Facility.

Item 35.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

> Revere, as the owner operator of a secondary lead smelter, shall comply with the provisions of 40 CFR 63 Subpart A as outlined by Table 1 of 40CFR 63.541(b), Subpart X.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.543, Subpart X

Item 36.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Revere must operate a process to separate plastic battery casing materials from all automotive batteries prior to introducing feed into a furnace.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.543, Subpart X

Item 37.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD
Process: FRN

Item 37.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

In accordance with 40CFR 63.543(l), Revere shall minimize startup and shutdown periods of the reverberatory furnace in accordance with manufacturer recommended procedures. Revere shall develop and follow standard operating procedures designed to minimize emissions of total hydrocarbon for each startup or shutdown scenario anticipated.

A signed statement in the Notification of Compliance Status report shall indicate startups and shutdowns are conducted according to the manufacturer's recommended procedures and the standard operating procedures are designed to minimize emissions of total hydrocarbons.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.

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

Condition 38: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.543, Subpart X

Item 38.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD	Emission Point: 00002
Emission Unit: 1-0LEAD	Emission Point: 00004
Emission Unit: 1-0LEAD	Emission Point: 00007
Emission Unit: 1-0LEAD	Emission Point: 00008
Emission Unit: 1-0LEAD	Emission Point: 00009
Emission Unit: 1-0LEAD	Emission Point: 00010
Emission Unit: 1-0LEAD	Emission Point: 00011
Emission Unit: 1-0LEAD	Emission Point: 00012
Emission Unit: 1-0LEAD	Emission Point: 00016
Emission Unit: 1-0LEAD	Emission Point: 00017
Emission Unit: 1-SRFKD	Emission Point: 00001

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD

Item 38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Flow-weighted average concentration of lead discharged into the atmosphere from all process vents is limited to 0.20 milligrams or less per dry standard cubic meter. The flow weighted average shall be calculated using equation 1 under 40CFR 63.543(a)(3) and based on a 12-month rolling average.

Parameter Monitored: LEAD

Upper Permit Limit: 0.20 milligrams per dry standard cubic meter
Reference Test Method: Method 12 or Method 29
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.543, Subpart X

Item 39.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00002

Emission Unit: 1-0LEAD Emission Point: 00004

Emission Unit: 1-0LEAD Emission Point: 00007

Emission Unit: 1-0LEAD Emission Point: 00008

Emission Unit: 1-0LEAD Emission Point: 00009

Emission Unit: 1-0LEAD Emission Point: 00010

Emission Unit: 1-0LEAD Emission Point: 00011

Emission Unit: 1-0LEAD Emission Point: 00012

Emission Unit: 1-0LEAD Emission Point: 00016

Emission Unit: 1-0LEAD Emission Point: 00017

Emission Unit: 1-SRFKD Emission Point: 00001

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD

Item 39.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Lead discharged into the atmosphere from each process vent is limited to less than 1.0 milligrams per dry standard

cubic meter.

Following the compliance demonstration test, Revere must conduct performance tests annually no later than 12 calendar months following the previous compliance test, unless Revere installs and operates a CEMS meeting the requirements of 40CFR 63.8.

If an annual compliance test demonstrates that a process vent emitted lead compounds at 0.10 milligram of lead per dry standard cubic meter or less, Revere may submit a written request to the USEPA applying for an extension of up to 24 calendar months from the previous compliance test to conduct the next compliance test for lead compounds.

Revere shall conduct the performance tests under maximum representative operating conditions for the process. During the performance test, Revere may operate the control device at maximum or minimum representative operating conditions for monitored control device parameters, whichever results in lower emission reduction. Upon request, Revere must make available to the USEPA records as may be necessary to determine the conditions of performance tests.

At least 60 days prior to actual testing, Revere Smelting & Refining shall submit to NYSDEC and USEPA a test protocol detailing methods and procedures to be used during the compliance test.

EPA Method 1 at 40 CFR part 60, appendix A–1 to select the sampling port location and the number of traverse points.

EPA Method 2 at 40 CFR part 60, appendix A–1 or EPA Method 5D at 40 CFR part 60, appendix A–3, section 8.3 for positive pressure fabric filters, to measure volumetric flow rate.

EPA Method 3, 3A, or 3B at 40 CFR part 60, appendix A–2 to determine the dry molecular weight of the stack gas.

EPA Method 4 at 40 CFR part 60, appendix A–3 to determine moisture content of the stack gas.

EPA Method 12 or Method 29 at 40 CFR part 60, appendix A–8 to determine compliance with the lead compound emissions standards. The minimum sample volume must be 2.0 dry standard cubic meters (70 dry standard cubic feet) for each run. The average of three test runs are

required.

Results must be submitted to NYSDEC and USEPA within 60 days after completion of compliance testing.

Parameter Monitored: LEAD
Upper Permit Limit: 1.0 milligrams per dry standard cubic meter
Reference Test Method: Method 12 or Method 29
Monitoring Frequency: ANNUALLY
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 40: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.543(c), Subpart X

Item 40.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00017

Regulated Contaminant(s):
CAS No: 00E966-48-1 HYDROCARBONS, TOTAL GAS CHROMATOGRAPH

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Total hydrocarbon discharged into the atmosphere from the reverberatory furnace is limited to 12 ppmv or less expressed as propane corrected to 4 percent carbon dioxide.

Following the compliance demonstration test, Revere must conduct performance tests annually no later than 12 calendar months following the previous compliance test, unless Revere installs and operates a CEMS meeting the requirements of 40CFR 63.8.

If an annual compliance test demonstrates that a process vent emitted total hydrocarbons at less than 50 percent of the allowable limit during the time of the annual

compliance test, Revere may submit a written request to the USEPA applying for an extension of up to 24 calendar months from the previous compliance test to conduct the next compliance test for total hydrocarbons.

Revere shall conduct the performance tests under maximum representative operating conditions for the process. During the performance test, Revere may operate the control device at maximum or minimum representative operating conditions for monitored control device parameters, whichever results in lower emission reduction. Upon request, Revere must make available to the USEPA records as may be necessary to determine the conditions of performance tests.

At least 60 days prior to actual testing, Revere Smelting & Refining shall submit to NYSDEC and USEPA a test protocol detailing methods and procedures to be used during the compliance test. The following applies:

1. EPA Method 1 at 40 CFR part 60, appendix A–1 to select the sampling port location and number of traverse points.

2. The Single Point Integrated Sampling and Analytical Procedure of Method 3B to measure the carbon dioxide content of the stack gases when using either EPA Method 3A or 3B at 40 CFR part 60, appendix A–2.

3. EPA Method 4 at 40 CFR part 60, appendix A–3 to measure moisture content of the stack gases.

4. EPA Method 25A at 40 CFR part 60, appendix A–7 to measure total hydrocarbons emissions. The minimum sampling time must be 1 hour for each run. Revere must perform a minimum of three test runs. Revere must calculate a 1-hour average total hydrocarbons concentration for each run and use the average of the three 1-hour averages to determine compliance.

Correct the measured total hydrocarbons concentrations to 4 percent carbon dioxide as specified below:

1. If the measured percent carbon dioxide is greater than 0.4 percent in each compliance test, determine the correction factor using Equation 2 under 40CFR 63.547(c)(1).

2. If the measured percent carbon dioxide is equal to or less than 0.4 percent, use a correction factor (F) of 10.

3. Determine the corrected total hydrocarbons concentration by multiplying the measured total hydrocarbons concentration by the correction factor (F) determined for each compliance test.

Results must be submitted to NYSDEC and USEPA within 60 days after completion of compliance testing.

Parameter Monitored: HYDROCARBONS, TOTAL GAS CHROMATOGRAPH
Upper Permit Limit: 12 parts per million (by volume)
Reference Test Method: Method 25A
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 41: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.543(c), Subpart X

Item 41.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD Emission Point: 00017

Regulated Contaminant(s):
CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Dioxins and furans discharged into the atmosphere from the reverberatory furnace are limited to less than 0.20 nanograms per dry standard cubic meter expressed as TEQ corrected to 7 percent oxygen.

Following the compliance demonstration test, Revere must conduct performance tests once every 6 years following the previous compliance test.

Revere shall conduct the performance tests under maximum representative operating conditions for the process. During the performance test, Revere may operate the control device at maximum or minimum representative

operating conditions for monitored control device parameters, whichever results in lower emission reduction. Upon request, Revere must make available to the USEPA records as may be necessary to determine the conditions of performance tests.

At least 60 days prior to actual testing, Revere Smelting & Refining shall submit to NYSDEC and USEPA a test protocol detailing methods and procedures to be used during the compliance test. The following applies:

1. EPA Method 1 at 40 CFR part 60, appendix A–1 to select the sampling port location and the number of traverse points.

2. EPA Method 2 at 40 CFR part 60, appendix A–1 or EPA Method 5D at 40 CFR part 60, appendix A–3, section 8.3 for positive pressure fabric filters to measure volumetric flow rate.

3. EPA Method 3A or 3B at 40 CFR part 60, appendix A–2 to determine the oxygen and carbon dioxide concentrations of the stack gas.

4. EPA Method 4 at 40 CFR part 60, appendix A–3 to determine moisture content of the stack gas.

5. EPA Method 23 at 40 CFR part 60, appendix A–7 to determine the dioxins and furans concentration.

The following defines the procedure to determine the dioxins and furans toxic equivalency:

1. Measure the concentration of each dioxins and furans congener shown in Table 3 of this subpart using EPA Method 23 at 40 CFR part 60, appendix A–7. An alternative method must be approved by USEPA. You must correct the concentration of dioxins and furans in terms of toxic equivalency to 7 percent O2 using Equation 3 of this section.

2. Sum the values calculated as specified in paragraph (e)(2) of this section to obtain the total concentration of dioxins and furans emitted in terms of toxic equivalency.

Results must be submitted to NYSDEC and USEPA within 60 days after completion of compliance testing.

Parameter Monitored: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Upper Permit Limit: 0.20 nanograms per dry standard

cubic meter (corrected to 7% O2)
Reference Test Method: see description above
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.544(c), Subpart X

Item 42.1:
The Compliance Certification activity will be performed for the Facility.

Item 42.2:
Compliance Certification shall include the following monitoring:

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

Revere shall continue to operate a total enclosure for the refinery and yard building sources. The total enclosure must be free of significant cracks, gaps, corrosion or other deterioration that could cause lead bearing material to be released from the primary barrier. Measures must be in place to prevent the tracking of lead bearing material out of the unit by personnel or by equipment used in handling the material. An area must be designated to decontaminate equipment and any rinsate must be collected and properly managed.

The total enclosure must ventilate continuously to ensure negative pressure values of at least 0.007 inches of water.

An inward flow of air must be maintained through all natural draft openings.

Parameter Monitored: PRESSURE
Upper Permit Limit: -0.007 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: 15 Minute Average
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.

The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.544(d), Subpart X

Item 43.1:
The Compliance Certification activity will be performed for the Facility.

Item 43.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

> Revere must inspect the facility enclosure at least once per month. Repairs to any gaps, breaks, separations, leak points or other possible routes for emissions of lead to the atmosphere shall be completed within one week of identification unless approval for an extension from the USEPA is obtained before the repair period is exceeded.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.545(a), Subpart X

Item 44.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

> Revere must prepare, and at all times operate according to, a standard operating procedures manual that describes in detail the measures that will be put in place and

implemented to control the fugitive dust emissions from the sources listed below.

(1) Plant roadways.

(2) Plant buildings.

(3) Accidental releases.

(4) Battery storage area.

(5) Equipment maintenance.

(6) Material storage areas.

(7) Material handling areas.

Any revisions to the standard operating procedures manual must be sumbitted to the NYSDEC for review and approval.

Controls specified in the standard operating procedures manual must at a minimum include the following requirements.

(1) Cleaning. Where a cleaning practice is specified, you must clean by wet wash or a vacuum equipped with a filter rated by the manufacturer to achieve 99.97 percent capture efficiency for 0.3 micron particles in a manner that does not generate fugitive lead dust.

(2) Plant roadways and paved areas. Revere must pave all areas subject to vehicle traffic and must clean the pavement twice per day, except on days when natural precipitation makes cleaning unnecessary or when sand or a similar material has been spread on plant roadways to provide traction on ice or snow. Limited access and limited use roadways such as unpaved roads to remote locations on the property may be exempt from this requirement if they are used infrequently (no more than one round trip per day).

(3) Accidental releases. Revere must initiate cleaning of all affected areas within one hour after detection of any accidental release of lead dust that exceeds 10 pounds (the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) reportable quantity for lead at 40 CFR 302.4).

(4) Battery storage areas. Revere must inspect any batteries that are not stored in a total enclosure once each week and move any broken batteries to an enclosure

within 72 hours of identification. Revere must clean residue from broken batteries within 72 hours of identification.

(5) Materials storage and handling areas. Revere must wash each vehicle at each exit of the material storage and handling areas. The vehicle wash must include washing of tires, undercarriage and exterior surface of the vehicle followed by vehicle inspection.

(6) Equipment maintenance. Revere must perform all maintenance activities that could generate lead dust in a manner that minimizes emissions of fugitive dust. This must include one or more of the following:

(i) Performing maintenance inside a total permanent enclosure maintained at negative pressure.

(ii) Performing maintenance inside a temporary enclosure and use a vacuum system either equipped with a filter rated by the manufacturer to achieve a capture efficiency of 99.97 percent for 0.3 micron particles or routed to an existing control device permitted for this activity.

(iii) Performing maintenance inside a partial enclosure and use of wet suppression sufficient to prevent dust formation.

(iv) Decontamination of equipment prior to removal from an enclosure.

(v) Immediate repair of ductwork or structure leaks without an enclosure if the time to construct a temporary enclosure would exceed the time to make a temporary or permanent repair, or if construction of an enclosure would cause a higher level of emissions than if an enclosure were not constructed.

(vi) Activities required for inspection of fabric filters and maintenance of filters that are in need of removal and replacement are not required to be conducted inside of total enclosures. Used fabric filters must be placed in sealed plastic bags or containers prior to removal from a baghouse.

(7) Material transport. Revere must collect and transport all lead bearing dust (i.e. lead bearing material which is a dust) within closed conveyor systems or in sealed, leak-proof containers unless the collection and transport activities are contained within a total enclosure. All other lead bearing material must be contained and covered

for transport outside of a total enclosure in a manner that prevents spillage or dust formation. Intact batteries and lead ingot product are exempt from the requirement to be covered for transport.

The standard operating procedures manual must specify that records be maintained of all pavement cleaning, vehicle washing, and battery storage inspection activities performed to control fugitive dust emissions.

Revere must pave all grounds on the facility or plant groundcover sufficient to prevent wind-blown dust. You may use dust suppressants on unpaved areas that will not support a groundcover (e.g., roadway shoulders, steep slopes, limited access and limited use roadways).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.548, Subpart X

Item 45.1:
The Compliance Certification activity will be performed for the Facility.

Item 45.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Revere Smelting & Refining must install, operate, and maintain a digital differential pressure monitoring system to continuously monitor each total enclosure as required by 63.548(k)(1) through 63.548(k)(5).

Monitoring Frequency: CONTINUOUS
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.

The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.548, Subpart X

Item 46.1:
The Compliance Certification activity will be performed for the Facility.

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

> To demonstrate continuous compliance with the total hydrocarbons and dioxins and furans emissions standards, Revere Smelting & Refining must install, calibrate, maintain, and continuously operate a device to monitor and record the temperature of the reverberatory furnace exhaust stream consistent with the requirements for continuous monitoring systems in § 63.8 and 63.548(j)(1) through 63.548(j)(4) unless an alternative is approved by the USEPA.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.548, Subpart X

Item 47.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-0LEAD
Process: FRN Emission Source: 000B1

Emission Unit: 1-0LEAD
Process: FRN Emission Source: 000B2

Emission Unit: 1-0LEAD
Process: FRN Emission Source: 000B5

Emission Unit: 1-0LEAD
Process: FRN Emission Source: 000B6

Emission Unit: 1-0LEAD
Process: FRN Emission Source: 000B7

Emission Unit: 1-0LEAD
Process: MHS Emission Source: 000B2

Emission Unit: 1-0LEAD
Process: MHS Emission Source: 000B5

Emission Unit: 1-0LEAD
Process: MHS Emission Source: 000B6

Emission Unit: 1-0LEAD
Process: MHS Emission Source: 000B7

Emission Unit: 1-0LEAD
Process: MHS Emission Source: 00B10

Emission Unit: 1-0LEAD
Process: MHS Emission Source: 00B12

Emission Unit: 1-0LEAD
Process: MHS Emission Source: 00B13

Emission Unit: 1-0LEAD
Process: REF Emission Source: 000B1

Emission Unit: 1-0LEAD
Process: REF Emission Source: 000B2

Emission Unit: 1-0LEAD
Process: REF Emission Source: 000B4

Emission Unit: 1-0LEAD
Process: REF Emission Source: 000B8

Emission Unit: 1-0LEAD
Process: REF Emission Source: 000B9

Emission Unit: 1-0LEAD
Process: REF Emission Source: 00B11

Emission Unit: 1-0LEAD
Process: SLG Emission Source: 000B1

Emission Unit: 1-0LEAD

Process: SLG Emission Source: 000B2

Emission Unit: 1-SRFKD
Process: DRY Emission Source: 000B3

Emission Unit: 1-SRFKD
Process: SRF Emission Source: SRFBH

Item 47.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

> Revere Smelting & Refining shall continue to operate in accordance with the standard operating procedures manual that describes in detail, procedures for inspection, maintenance, bag leak detection and corrective action plans for all baghouses (fabric filters) that are used to control process, process fugitive or fugitive dust emissions.
>
> The requirements of 63.548(c), 63.548(d), 63.548(e), 63.548(f) and 63.548(g) apply.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 48: Recordkeeping and Reporting Requirements
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.550, Subpart X

Item 48.1:
The owner or operator of a secondary lead smelter must comply with the recordkeeping and reporting requirements specified in 40 CFR 63.550 including:

1. Comply with the recordkeeping and reporting requirements in 40 CFR 63.10 as referenced in Table 1 to Subpart X
2. Submit required standard operating procedure manuals electronically to the Administrator
3. Keep the records listed in 40 CFR 63.550(c) for five years
4. Include the information listed in 40 CFR 63.550(e) in the reports submitted.

Condition 49: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:40CFR 63.550, Subpart X

Item 49.1:
The Compliance Certification activity will be performed for the Facility.

Item 49.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Revere must comply with the recordkeeping and reporting requirements specified in 40 CFR 63.550 including:

1. Comply with the recordkeeping and reporting requirements in 40 CFR 63.10 as referenced in Table 1 to Subpart X
2. Submit required standard operating procedure manuals electronically to the Administrator
3. Keep the records listed in 40 CFR 63.550(c) for five years
4. Include the information listed in 40 CFR 63.550(e) in the reports submitted.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

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

Condition 50: Emission Point Definition By Emission Unit
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 50.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-0LEAD

Emission Point: 00002
Height (ft.): 100 Diameter (in.): 54
NYTMN (km.): 4589.939 NYTME (km.): 553.403 Building: MAIN

Emission Point: 00004
Height (ft.): 43 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4590.145 NYTME (km.): 553.487 Building: MAIN

Emission Point: 00007
Height (ft.): 43 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4589.99 NYTME (km.): 553.434 Building: MAIN

Emission Point: 00008
Height (ft.): 39 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4590.125 NYTME (km.): 553.461 Building: MAIN

Emission Point: 00009
Height (ft.): 39 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4590.125 NYTME (km.): 553.454 Building: MAIN

Emission Point: 00010
Height (ft.): 39 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4590.126 NYTME (km.): 553.451 Building: MAIN

Emission Point: 00011
Height (ft.): 39 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4590.126 NYTME (km.): 553.447 Building: MAIN

Emission Point: 00012
Height (ft.): 45 Length (in.): 60 Width (in.): 80
NYTMN (km.): 4590.066 NYTME (km.): 553.487 Building: MAIN

Emission Point: 00016
Height (ft.): 45 Length (in.): 60 Width (in.): 80
NYTMN (km.): 4590.068 NYTME (km.): 553.476 Building: MAIN

Emission Point: 00017
Height (ft.): 60 Diameter (in.): 48
NYTMN (km.): 4589.992 NYTME (km.): 553.457 Building: MAIN

Emission Point: 00025
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4589.992 NYTME (km.): 553.457 Building: MAIN

Item 50.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-SRFKD

Emission Point: 00001
Height (ft.): 200 Diameter (in.): 56
NYTMN (km.): 4590.049 NYTME (km.): 553.486 Building: MAIN

Item 50.3:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 2-CRYST

Emission Point: 00014
Height (ft.): 38 Diameter (in.): 10
NYTMN (km.): 4590.19 NYTME (km.): 553.512 Building: CRYST

Emission Point: 00024
Height (ft.): 35 Diameter (in.): 10
NYTMN (km.): 4590.18 NYTME (km.): 553.511 Building: CRYST

Item 50.4:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 3-GENER

Emission Point: 00005
Height (ft.): 13 Diameter (in.): 8
NYTMN (km.): 4590.154 NYTME (km.): 553.423 Building: MAIN

Emission Point: 00006
Height (ft.): 13 Diameter (in.): 8
NYTMN (km.): 4590.148 NYTME (km.): 553.422 Building: MAIN

Item 50.5:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 4-BOILR

Emission Point: 00015
Height (ft.): 38 Diameter (in.): 20
NYTMN (km.): 4590.197 NYTME (km.): 553.522 Building: CRYST

Condition 51: Process Definition By Emission Unit
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 51.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-0LEAD
Process: FRN Source Classification Code: 3-04-004-02
Process Description:
Smelting of dried lead containing material and tapping
furnace product.

Emission Source/Control: 000B1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B5 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B6 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B7 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000S1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: TKSCR - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 000R1 - Process

Emission Source/Control: FLTAP - Process

Emission Source/Control: MOLDS - Process

Emission Source/Control: RFRAM - Process

Item 51.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-0LEAD
Process: MHS Source Classification Code: 3-04-004-10
Process Description:
Material handling and storage includes: yard building area, feed room, central vacuum system and dross bin.

Emission Source/Control: 000B2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B5 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B6 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B7 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000S1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 00B10 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00B12 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00B13 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0FEED - Process

Emission Source/Control: 0YARD - Process

Emission Source/Control: CVACC - Process

Emission Source/Control: DSBIN - Process

Item 51.3:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-0LEAD
Process: NIT Source Classification Code: 3-04-004-99
Process Description: Addition of niter in support of refining lead.

Emission Source/Control: 000B2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000K1 - Process

Emission Source/Control: 000K2 - Process

Emission Source/Control: 000K3 - Process

Emission Source/Control: 000K4 - Process

Emission Source/Control: 000K5 - Process

Emission Source/Control: 000K6 - Process

Emission Source/Control: 000K7 - Process

Item 51.4:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-0LEAD
Process: REF Source Classification Code: 3-04-004-14
Process Description:
Refining molten lead in seven kettles. Natural gas is used as fuel to supply heat required for refining.

Emission Source/Control: 000B1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B4 - Control Removal Date: 01/01/2017

Control Type: FABRIC FILTER

Emission Source/Control: 000B8 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B9 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000S1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 00B11 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000C2 - Process

Emission Source/Control: 000K1 - Process

Emission Source/Control: 000K2 - Process

Emission Source/Control: 000K3 - Process

Emission Source/Control: 000K4 - Process

Emission Source/Control: 000K5 - Process

Emission Source/Control: 000K6 - Process

Emission Source/Control: 000K7 - Process

Item 51.5:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-0LEAD
Process: SLG Source Classification Code: 3-04-004-02
Process Description: Slag casting.

Emission Source/Control: 000B1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000B2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000S1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 0SLAG - Process

Emission Source/Control: SCFED - Process

Item 51.6:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-SRFKD
Process: DRY Source Classification Code: 3-04-004-99
Process Description: Kiln drying of lead containing material.

Emission Source/Control: 000B3 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000D1 - Process

Item 51.7:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-SRFKD
Process: SRF Source Classification Code: 3-04-004-02
Process Description:
Short rotary furnace which fires natural gas fuel and utilizes a low NOx burner which combines pure oxygen to the fuel to enhance combustion. The short rotary furnace is used primarily to smelt lead bearing slag from the reverberatory furnace.

Emission Source/Control: 000R2 - Combustion

Emission Source/Control: 000S2 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

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

Item 51.8:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 2-CRYST
Process: CRY Source Classification Code: 3-04-004-99
Process Description:
Crystallization of neutralized battery electrolyte and scrubber liquor to form sodium sulfate crystals.

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

Emission Source/Control: VSCRB - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: CRCYC - Process

Emission Source/Control: CRDRY - Process

Emission Source/Control: PSPRY - Process

Item 51.9:

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

Emission Unit: 3-GENER
Process: GEN Source Classification Code: 2-01-001-02
Process Description:
Two diesel generators used to provide supplemental power when requested by the utility company, and during power outages. Max operating hours per year less than 500 hours/generator.

Emission Source/Control: GEN05 - Combustion
Design Capacity: 30 million Btu per hour

Emission Source/Control: GEN06 - Combustion
Design Capacity: 30 million Btu per hour

Item 51.10:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 4-BOILR
Process: BLR Source Classification Code: 1-02-006-02
Process Description:
Natural gas fired boiler rates at 12.55 MMbtu/hr which provides the required heat for the crystallization process.

Emission Source/Control: 00B01 - Combustion
Design Capacity: 12.55 million Btu per hour

Condition 52: Emission Unit Permissible Emissions
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 52.1:
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: 1-SRFKD

CAS No: 007446-09-5
Name: SULFUR DIOXIDE
PTE(s): 77,080 pounds per year

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 67,452 pounds per year

Condition 53: Capping Monitoring Condition
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 53.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-6

Item 53.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 53.3:
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 53.4:
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 53.5:
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 53.6:
The Compliance Certification activity will be performed for:

Emission Unit: 1-0LEAD
Process: NIT

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

Item 53.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

Revere Smelting & Refining shall limit sodium nitrate

(niter) addition introduced to refining kettles to 145 tons per year or less based on a rolling twelve month cumulative total. This limit was established as a downstream component of the short rotary furnace (SRF) project to avoid triggering significant source nonattainment thresholds defined by 6NYCRR 231.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: MATERIAL
Upper Permit Limit: 145 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 54: Capping Monitoring Condition
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 54.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-6
6 NYCRR Subpart 231-7

Item 54.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 54.3:
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 54.4:
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 54.5:
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 54.6:
The Compliance Certification activity will be performed for:

Emission Unit: 1-0LEAD
Process: REF

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

Item 54.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

Natural gas combustion used to fire the refinery kettles is limited to 98.13 million cubic feet per year. This limit was established as a downstream component of ensuring the short rotary furnace (SRF) project does not exceed significant source attainment and nonattainment thresholds defined under 6NYCRR 231.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NATURAL GAS
Upper Permit Limit: 98.13 million cubic feet per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 55: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.9

Item 55.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-0LEAD Emission Point: 00017

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

Item 55.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Sulfur dioxide emissions from the reverberatory furnace exiting through Emission Point 00017 shall be controlled at 97%. Compliance testing shall be demonstrated once per permit term.

At least 60 days prior to actual testing, Revere Smelting & Refining shall submit to NYSDEC a test protocol detailing methods and procedures to be used during the compliance test.

Determination of the stack gas velocity, sample area, volumetric flowrate, molecular composition, excess air of flue gases, and moisture content of flue gas shall be conducted using 40CFR Part 60, Appendix A, Methods 1,2 3, and 4.

Compliance test to determine control of sulfur dioxide emissions shall be conducted using 40CFR Part 60, Appendix A, Method 6.

Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

Parameter Monitored: SULFUR DIOXIDE
Lower Permit Limit: 97 percent reduction
Reference Test Method: EPA Method 6
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 56: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.10 (a) (2)

Item 56.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-SRFKD
Process: SRF

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

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Revere Smelting & Refining is an existing major facility based on potential emissions for Oxides of Nitrogen (NOx) exceeding 100 tons per year. Therefore, Revere Smelting & Refining is subject to NOx Reasonably Available Control Technology (RACT) specific to General Process Emission Sources under 6NYCRR 212.10.

The SRF shall be equipped with low NOx burners which fire natural gas. High purity oxygen shall be combined with the natural gas. Replacing substantial quantity of ambient air (79% nitrogen) with high purity oxygen for combustion, significantly reduces formation of NOx as well as improves efficiency.

Revere Smelting & Refining shall provide written notification prior to conducting future modification to the SRF process equipment.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 57: Capping Monitoring Condition
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 57.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-7

Item 57.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 57.3:
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 57.4:
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 57.5:
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 57.6:
The Compliance Certification activity will be performed for:

Emission Unit: 1-SRFKD Emission Point: 00001

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

Item 57.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:

For purposes of supporting the operation of short rotary furnace (SRF) potential to emit (PTE) emissions of Sulfur Dioxide (SO2) is less than significant source attainment thresholds of 40 tons per year under 6NYCRR 231, Revere Smelting & Refining shall operate a Continuous Monitor System (CMS) to measure SO2 emissions and flow for the combined SRF and kiln dryer emission point.

SO2 emissions shall not exceed an annual limit of 38.54 tons/yr. The annual limit shall be based on a 12 month average - rolled monthly.

The CMS shall conform with design and performance criteria outlined in 40 CFR 60 Appendix A. The CMS shall be operated in accordance with Quality Assurance Procedures outlined by 40 CFR 60, Appendix F. This includes, but not limited to, implementing a Quality Control Program (40 CFR 60-F.1), quarterly Data Accuracy Assessment (40 CFR 60-F.5) and Reporting Requirements (40 CFR 60-F.7).

Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities.

The CMS shall meet a minimum of 95% actual data availability based on quarterly (calendar) reporting period. At 95% and above availability for the quarterly reporting period, the facility shall substitute the highest recorded hourly value from previous 24 hour period for each missing data period. At less than 95% availability for the quarterly reporting period, the facility shall implement the missing data procedures described in 40CFR Part 60 for each missing data period.

In support of documenting compliance, Revere Smelting & Refining shall submit a Continuous Monitoring System summary report. The summary report shall be submitted quarterly (calendar) and contain the following information:

1. Monthly tabulation of actual continuous monitor system (CMS) operation time;
2. Monthly tabulation of CMS downtime;
3. Summary outlining cause of CMS downtown;
4. Summary of data substitution procedure for the reporting period;
5. Monthly tabulation of measured SO2 emissions in terms of ppm and lbs/hr;
6. Rolling annual cumulative total SO2 emissions in tons/yr;
7. Identification of any exceedances of SO2 limits and description of corrective action; and
8. Information on any changes to process equipment, control or CMS components.

Manufacturer Name/Model Number: CMS
Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 38.54 tons per year
Reference Test Method: CEM
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 8/14/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 58: Capping Monitoring Condition
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 58.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 58.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 58.3:
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 58.4:
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 58.5:
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 58.6:
The Compliance Certification activity will be performed for:

Emission Unit: 1-SRFKD Emission Point: 00001

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

Item 58.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:

For purposes of supporting the operation of short rotary furnace (SRF) potential to emit (PTE) emissions of NOx remain below significant source nonattainment thresholds of 40 tons per year under 6NYCRR 231, Revere Smelting &

Refining shall operate a Continuous Monitor System (CMS) to measure NOx emissions from the combined rotary kiln and SRF.

NOx emissions from the combined kiln dryer and SRF exhaust shall not exceed an annual limit of 33.73 tons/yr. The annual limit of 33.73 tons/yr shall be based on a 12 month average - rolled monthly.

The CMS shall conform with design and performance criteria outlined in 40 CFR 60 Appendix A. The CMS shall be operated in accordance with Quality Assurance Procedures outlined by 40 CFR 60, Appendix F. This includes, but not limited to, implementing a Quality Control Program (40 CFR 60-F.1), quarterly Data Accuracy Assessment (40 CFR 60-F.5) and Reporting Requirements (40 CFR 60-F.7).

Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities.

The CMS shall meet a minimum of 95% actual data availability based on quarterly (calendar) reporting period. At 95% and above availability for the quarterly reporting period, the facility shall substitute the highest recorded hourly value from previous 24 hour period for each missing data period. At less than 95% availability for the quarterly reporting period, the facility shall implement the missing data procedure described in 40CFR Part 60 for each missing data period.

In support of documenting compliance, Revere Smelting & Refining shall submit a Continuous Monitoring System summary report. The summary report shall be submitted quarterly (calendar) and contain the following information:

1. Monthly tabulation of actual continuous monitor system (CMS) operation time;
2. Monthly tabulation of CMS downtime;
3. Summary outlining cause of CMS downtown;
4. Monthly summary of data substitution procedure for the reporting period;
5. Monthly tabulation of measured NOx emissions;
6. Rolling annual cumulative total NOx emissions in tons/yr;
7. Identification of any exceedances of NOx and description of corrective action; and
8. Information on any changes to process equipment,

control or CMS components.

Manufacturer Name/Model Number: CMS
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 33.73 tons per year
Reference Test Method: CEM
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 8/14/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 59: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.9

Item 59.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-SRFKD Emission Point: 00001

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

Item 59.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Sulfur Dioxide emissions discharged into the atmosphere from the short rotary furnace (SRF) shall be controlled at a minimum of 94%. This control efficiency is based on degree of air cleaning required for emission rate potential between 100 and 500 pounds per hour. Compliance testing shall be demonstrated once per permit term.

At least 60 days prior to actual testing, Revere Smelting & Refining shall submit to NYSDEC a test protocol detailing methods and procedures to be used during the compliance test.

Determination of the stack gas velocity, sample area, volumetric flowrate, molecular composition, excess air of flue gases, and moisture content of flue gas shall be conducted using 40CFR Part 60, Appendix A, Methods 1,2 3, and 4.

Compliance test to determine control of sulfur dioxide emissions shall be conducted using 40CFR Part 60, Appendix

A, Method 6.

Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

Parameter Monitored: SULFUR DIOXIDE
Lower Permit Limit: 94 percent reduction
Reference Test Method: EPA Method 6
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.10 (a) (2)

Item 60.1:
The Compliance Certification activity will be performed for:

Emission Unit: 3-GENER

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

Item 60.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

Operation of each electric generating unit is limited to less than 500 hours per year.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 500 hours
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable Federal Requirement:6 NYCRR 212.10 (a) (2)

Item 61.1:
The Compliance Certification activity will be performed for:

Emission Unit: 4-BOILR Emission Point: 00015

Item 61.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The boiler used to supply process heat needed to operate the crystallization process shall fire natural gas equipped with low NOx burners and flue gas recirculation as per the approved NOx RACT plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2015.
Subsequent reports are due every 12 calendar month(s).

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: **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 applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 62: Contaminant List
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable State Requirement:ECL 19-0301

Item 62.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 001746-01-6
Name: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

CAS No: 007439-92-1
Name: LEAD

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

CAS No: 00E966-48-1
Name: HYDROCARBONS, TOTAL GAS CHROMATOGRAPH

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

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

Condition 63: Malfunctions and start-up/shutdown activities
Effective between the dates of 04/11/2014 and 04/10/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 63.1:
(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 malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, 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 stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and 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. 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, identification of air contaminants, and an estimate of the emission rates.

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

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or

malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.