PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-0664-00035/02002
Effective Date: 08/29/2014 Expiration Date: 08/28/2019

Permit Issued To:NULIFE GLASS NY INC
3213 MIDDLE RD
DUNKIRK, NY 14048

Contact: SIMON M GREER
3213 MIDDLE RD
DUNKIRK, NY 14048
(716) 366-1875

Facility: NULIFE GLASS DUNKIRK
3213 MIDDLE RD
DUNKIRK, NY 14048

Contact: MATTHEW ZDYB
3213 MIDDLE RD
DUNKIRK, NY 14048
(716) 366-1875

Description:
NuLife Glass NY, Inc. will be a commercially operated recycling plant to extract metallic lead from waste leaded glass located in the Town of Sheridan in Chautauqua County. The primary source of waste leaded glass will be cathode ray tubes (CRTs) from old televisions and computer monitors.

The front panel of a CRT is lead free but the back portion, the funnel, is made of leaded glass. NuLife will primarily receive crushed leaded glass (funnel glass) to the facility in sealed containers. They also have the ability to manually separate the front panel from the funnel of CRT's on site in the separation room. The leaded glass will be fed to an electric furnace for production of elemental lead and lead-free glass.

Since the process at NuLife recovers lead from glass it is a secondary lead smelter and must comply with the requirements in the National Emission Standards for Hazardous Air Pollutants (NESHAP) from Secondary Lead Smelter, 40 CFR Part 63, subpart X. The electric powered furnace, or smelter, does not meet the definition of an electric furnace in subpart X, 63.542, because it is not a smelter furnace into which reverberatory furnace slag is introduced, it only melts leaded glass. On this basis, the emission limits for total hydrocarbons, dioxins and furans specified in Table 2 of subpart X do not apply. Since the limits in Table 2 do not apply, then the exhaust temperature of the furnace does not need have to be monitored or recorded either. 1. The permit restricts the feed to the furnace to only CRT glass, any other feed is prohibited. Any material, such as but not limited to plastics, that could generate or produce hydrocarbons and/or dioxin and/or furans are prohibited from being fed into the furnace.

The NESHAP for Secondary Lead Smelters was written primarily for lead battery recovery processes. Since NuLife does not process any batteries there are a few requirements in subpart X that do not apply to the this furnace. Requirements specific to waste battery processes, such as those for battery braking processes, were not included in the permit.

The furnace, furnace charging, and furnace operating processes are in a total enclosure as required by Subpart X. This is emission unit U-FURN1. The enclosure is exhausted outside through cartridge filter unit and then High Efficiency Particulate Arrestor (HEPA) filters. An initial emission compliance test is required within 180 days of commencing operation. Each year thereafter an annual emission compliance test is required. When lead continuous emission monitoring system (CEMS) performance specifications are promulgated by EPA, then lead CEMS must be installed.

Lead emissions from the furnace total enclosure were modeled using EPA's AERMOD at the emission rate allowed by the Secondary Lead Smelter NESHAP, which is 0.20 milligrams of lead per dry standard cubic meter. Based on the modeling, the 3-month average lead concentration impact is less than the National Ambient Air Quality Standard for lead. The modeled annual concentration is less than the Ambient Guidance Concentration for lead that is in DEC Policy DAR-1: Guidelines for the Control of Toxic Ambient Air Contaminants.

The front panels of CRT's are manually separated from the leaded funnel glass in the separation room which must meet the total enclosure requirements of subpart X. This is emission unit U-GLSEP. The room exhausts into the building so it does not have an emission point exhausting to atmosphere.

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: LISA PORTER
270 MICHIGAN AVE
BUFFALO, NY 14203-2915

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 9 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 9 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 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:NULIFE GLASS NY INC
3213 MIDDLE RD
DUNKIRK, NY 14048

Facility: NULIFE GLASS DUNKIRK
3213 MIDDLE RD
DUNKIRK, NY 14048

Authorized Activity By Standard Industrial Classification Code:
3341 - SECONDARY NONFERROUS METALS
5093 - SCRAP AND WASTE MATERIALS

Permit Effective Date: 08/29/2014 Permit Expiration Date: 08/28/2019

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 (b): Compliance Certification
25 6 NYCRR 212.4 (c): Compliance Certification
26 6 NYCRR 212.6 (a): Compliance Certification
27 40CFR 63.545, Subpart X: Compliance Certification
28 40CFR 63.548, Subpart X: Compliance Certification
29 40CFR 63.550, Subpart X: Recordkeeping and Reporting Requirements

Emission Unit Level

30 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
31 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-FURN1,EP=EP001,Proc=P02,ES=CEP01

32 40CFR 63.543, Subpart X: Compliance Certification
33 40CFR 63.543, Subpart X: Compliance Certification
34 40CFR 63.543(c), Subpart X: Compliance Certification
35 40CFR 63.544, Subpart X: Compliance Certification
36 40CFR 63.544(c), Subpart X: Compliance Certification
37 40CFR 63.544(c), Subpart X: Compliance Certification
38 40CFR 63.548, Subpart X: Compliance Certification

EU=U-GLSEP

39 40CFR 63.544, Subpart X: Compliance Certification
40 40CFR 63.544(c), Subpart X: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level

41 ECL 19-0301: Contaminant List
42 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 30 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 may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

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 recordkeeping 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 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section
USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 9 Headquarters
270 Michigan Avenue
Buffalo, NY 14203-2915

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 30 days after the reporting period.
The initial report is due 4/30/2015.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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: U-FURN1
Emission Unit Description:
Crushed leaded funnel glass will be fed to a "cold-top" electric furnace where the mixture will be melted and the lead will be separated from the glass. Separate taps will extract elemental lead and lead-free glass. Process fugitive emissions generated from the furnace operation, including from the charging of the feed hopper, transfer of material to the top of the furnace, emissions from the furnace top and the lead tap discharge at the bottom of the furnace will be captured within a total enclosure (approx. 27' x 50' x 30'H) designed to meet the standards contained in 40 CFR Part 63.544 of Subpart X. The total enclosure will be maintained at a minimum negative pressure of 0.007 inches of water and ventilated through a high efficiency dust collector and filtration unit equipped with cartridge and HEPA polishing filters.

Building(s): MAIN

Item 21.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-GLSEP
Emission Unit Description:
Fugitive emissions resulting from the physical separation of leaded (funnel) glass components from lead free (panel) glass components will be filtered and exhausted into the main facility building. There is not emission point for this emission unit. The separation takes place within a 20' x 25' x 10'H total enclosure that is ventilated through a high efficiency particulate filtration system to remove 99.97 percent of the dust particulates generated from the separation process within the enclosure.

Building(s): MAIN

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

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 08/29/2014 and 08/28/2019

Applicable Federal Requirement:6 NYCRR 212.4 (b)

Item 24.1:
The Compliance Certification activity will be performed for the Facility.

Item 24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Lead emissions from the furnace total enclosure were modeled using EPA's AERMOD at the emission rate allowed by the Secondary Lead Smelter NESHAP, which is 0.20 milligrams of lead per dry standard cubic meter. A modeling summary (e-mail) submitted by Golder Associates Inc. dated June 16, 2014 reported that the modeled 3-month

average lead concentration was less than the National Ambient Air Quality Standard for lead, and it was less than the Ambient Guidance Concentration for lead that is in DEC Policy DAR-1: Guidelines for the Control of Toxic Ambient Air Contaminants.

This condition documents the modeling results, it does not contain any monitoring, record keeping or reporting requirements.

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

Condition 25: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 25.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 25.2:
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 particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted by the facility at the request of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Opacity observations shall be made and documented upon the request of the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9, App A of Part 60
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 27: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.545, Subpart X

Item 27.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 27.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Standard Operating Procedures Manual for Fugitive Dust Sources

A standard operating procedures manual for fugitive dust sources, dated July 2014, was approved to address the requirements below and shall be followed.

a) You must at all times operate according to the approved 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 in paragraphs (a)(1) through (6) of

this section.
(1) Plant roadways.
(2) Plant buildings.
(3) Accidental releases.
(4) Equipment maintenance.
(5) Material storage areas.
(6) Material handling areas.

(b) You must submit the standard operating procedures manual to the Administrator or delegated authority for review and approval when initially developed and any time changes are made.

(c) The controls specified in the standard operating procedures manual must at a minimum include the requirements specified in paragraphs (c)(1) through (6) of this section.
(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. You must pave all areas subject to vehicle traffic and you 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. You 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) Materials storage and handling areas. You 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.
(5) Equipment maintenance. You 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 duct work 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.

(6) Material transport. You 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. Lead ingot product are exempt from the requirement to be covered for transport.

(d) Your standard operating procedures manual must specify that records be maintained of all pavement cleaning and vehicle washing performed to control fugitive dust emissions.

(e) You 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).

(f) As provided in §63.6(g), as an alternative to the requirements specified in this section, you can demonstrate to the Administrator (or delegated State, local, or Tribal authority) that an alternative measure(s) is equivalent or better than a practice(s) described in this section.

(g) Compliance with the approved standard operating procedures manual for fugitive dust sources and the requirements above shall be reported semiannually.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.548, Subpart X

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

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

Item 28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Standard Operating Procedures Manual for Baghouses

A standard operating procedures manual for baghouses, dated July 2014, was approved to address the requirements below and shall be followed.

(a) You must at all times operate according to the approved standard operating procedures manual that describes in detail procedures for inspection, maintenance, and corrective action plans for all baghouses (fabric filters or cartridge filters) that are used to control process vents, process fugitive, or fugitive dust emissions from any source subject to the lead, including those used to control emissions from building ventilation.

(b) You must submit the standard operating procedures manual for baghouses required by paragraph (a) of this section to the Administrator or delegated authority for review and approval. Whenever an update is made to the standard operating procedures manual it must be submitted in electronic format for review and approval.

(c) The procedures that you specify in the standard operating procedures manual for inspections and routine maintenance must, at a minimum, include the requirements of paragraphs (c)(1) through (8) of this section.
(1) Daily monitoring of pressure drop across each

baghouse cell.
(2) Weekly confirmation that dust is being removed from hoppers through visual inspection, or equivalent means of ensuring the proper functioning of removal mechanisms.
(3) Daily check of compressed air supply for pulse-jet baghouses.
(4) An appropriate methodology for monitoring cleaning cycles to ensure proper operation.
(5) Monthly check of bag cleaning mechanisms for proper functioning through visual inspection or equivalent means.
(6) Monthly check of bag tension on reverse air and shaker-type baghouses. Such checks are not required for shaker-type baghouses using self-tensioning (spring loaded) devices.
(7) Quarterly confirmation of the physical integrity of the baghouse through visual inspection of the baghouse interior for air leaks.
(8) Quarterly inspection of fans for wear, material buildup, and corrosion through visual inspection, vibration detectors, or equivalent means.

(d) The procedures specified in the standard operating procedures manual for baghouse maintenance must include, at a minimum, a preventative maintenance schedule that is consistent with the baghouse manufacturer's instructions for routine and long-term maintenance.

(e) Compliance with the approved standard operating procedures manual for baghouses and the requirements above shall be reported semiannually.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Recordkeeping and Reporting Requirements
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.550, Subpart X

Item 29.1:
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.

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

Condition 30: Emission Point Definition By Emission Unit
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 30.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-FURN1

Emission Point: EP001
Height (ft.): 32 Diameter (in.): 30
NYTMN (km.): 4714.2 NYTME (km.): 149.9 Building: MAIN

Condition 31: Process Definition By Emission Unit
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 31.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-FURN1
Process: P02 Source Classification Code: 3-04-004-13
Process Description:
The pre-crushed leaded feedstock glass will be continuously fed to a “cold-top” electric furnace through a feed hopper and auger system where the mixture will be melted and the lead will be separated from the glass. Separate taps will continuously extract elemental lead and lead-free glass into water quench baths and the solidified products will be packaged for shipment. The entire furnace process will be performed in a total enclosure meeting the requirements for process fugitive source as defined in 40CFR63.544, of Subpart X. The enclosure will be ventilated through a dedicated dust collector to create negative pressure within the enclosure. The dust collector will have a design capacity of 15,000 CFM in high temperature service and achieve a particulate removal efficiency of 99.97% using a combination of MERV 17 rated cartridge filters and HEPA after filters.

Emission Source/Control: CEP02 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: CEP01 - Process
Design Capacity: 10 tons per day

Item 31.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-GLSEP
Process: P01 Source Classification Code: 3-05-014-13
Process Description:
CRTs containing leaded (funnel) glass and lead free (panel) glass are physically broken apart to segregate the materials. The separation is performed in a total enclosure meeting the requirements for process fugitive source as defined in 40CFR63.544, Subpart X. The enclosure is ventilated into the main building to create a negative pressure within the enclosure. There is no emission ponit for this process.

Emission Source/Control: CFUG2 - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: CFUG1 - Process
Design Capacity: 12 tons per day

Condition 32: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.543, Subpart X

Item 32.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-FURN1 Emission Point: EP001
Process: P02 Emission Source: CEP01

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

Item 32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
INITIAL Stack Test Requirement for Furnace Enclosure

1.) Emission of lead compounds from the furnace total enclosure (and any process vent) must be below 0.20 milligrams of lead per dry standard cubic meter of air (0.000087 grains of lead per dry standard cubic foot). [63.543(b]

2.) Lead emissions shall be monitored by conducting the following:
a.) Conduct the INITIAL performance test for lead compounds within 180 days after startup of the source.
b.) You must use the test methods from appendix A of part 60 as listed in paragraphs (a)(1) through (5) of 40 CFR 63.547 to determine compliance with the emissions standards for lead compounds.
c.) Use Method 12 or Method 29 in 40 CFR part 60, appendix A 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. You must perform three test runs and you must determine compliance using the average of the three runs.
d.) You must conduct the performance tests specified above under maximum representative operating conditions for the process. During the performance test, you 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, you must make available to the Administrator such records as may be necessary to determine the conditions of performance tests.

3.) Performance test information and records must be maintained in a form suitable and readily available for expeditious review. Files shall be retained for at least five years.

4.) Submit the following:
a.) A test notification and stack test protocol shall be submitted at least 60 calendar days before the performance test is initially scheduled to begin for review and approval.
b.) Hardcopy records of the stack test information and results must be submitted to the department and EPA within 60 calendar days of test completion.
c.) You must submit performance test data within 60 days of testing, except opacity data, electronically to EPA's Central Data Exchange by using the Electronic Reporting Tool (see http://www.epa.gov/ttn/chief/ert/ert_tool.html/). Only data collected using test methods compatible with the Electronic Reporting Tool are subject to this requirement to be submitted electronically into EPA's WebFIRE database.

Parameter Monitored: LEAD
Upper Permit Limit: 0.20 milligrams per dry standard cubic meter
Reference Test Method: 40 CFR 60 App. A Method 12 or 29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 33: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.543, Subpart X

Item 33.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-FURN1 Emission Point: EP001
Process: P02 Emission Source: CEP01

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

Item 33.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
ANNUAL Stack Test Requirement for Furnace Enclosure

1.) Emission of lead compounds from the furnace total enclosure (and any process vent) must be below 0.20 milligrams of lead per dry standard cubic meter of air (0.000087 grains of lead per dry standard cubic foot). [63.543(b)]

2.) Lead emissions shall be monitored by conducting the following:
a.) Conduct an ANNUAL performance test for lead compounds from each process vent no later than 12 calendar months following the previous compliance test unless you install and operate a continuous emission monitoring system (CEMS) meeting the requirements of §63.8. (Lead CEMS must be installed within 180 days of promulgation of a performance specification for Lead CEMS, per 63.548(l).)
b.) 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 during the time of the annual compliance test, you may submit a written request to the Administrator applying for an extension of up to 24 calendar months from the previous compliance test to conduct the next compliance test for lead compounds.
c.) You must use the test methods from appendix A of part 60 as listed in paragraphs (a)(1) through (5) of 40

CFR 63.547 to determine compliance with the emissions standards for lead compounds.

d.) Use Method 12 or Method 29 in 40 CFR part 60, appendix A 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. You must perform three test runs and you must determine compliance using the average of the three runs.

e.) You must conduct the performance tests specified above under maximum representative operating conditions for the process. During the performance test, you 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, you must make available to the Administrator such records as may be necessary to determine the conditions of performance tests.

3.) Performance test information and records must be maintained in a form suitable and readily available for expeditious review. Files shall be retained for at least five years.

4.) Submit the following:

a.) A test notification and stack test protocol shall be submitted at least 60 calendar days before the performance test is initially scheduled to begin for review and approval.

b.) Hardcopy records of the stack test information and results must be submitted to the department and EPA within 60 calendar days of test completion.

c.) You must submit performance test data within 60 days of testing, except opacity data, electronically to EPA's Central Data Exchange by using the Electronic Reporting Tool (see http://www.epa.gov/ttn/chief/ert/ert_tool.html/). Only data collected using test methods compatible with the Electronic Reporting Tool are subject to this requirement to be submitted electronically into EPA's WebFIRE database.

d.) Hardcopy records of the stack test information must be submitted to the department and EPA within 60 of test completion. You must submit performance test data within 60 days of testing, except opacity data, electronically to EPA's Central Data Exchange by using the Electronic Reporting Tool (see http://www.epa.gov/ttn/chief/ert/ert_tool.html/). Only data collected using test methods compatible with the Electronic Reporting Tool are subject to this requirement to be submitted electronically into EPA's WebFIRE database.

Parameter Monitored: LEAD
Upper Permit Limit: 0.20 milligrams per dry standard cubic meter
Reference Test Method: 40 CFR 60 App. A Method 12 or 29
Monitoring Frequency: ANNUALLY
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

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

Item 34.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-FURN1 Emission Point: EP001
Process: P02 Emission Source: CEP01

Item 34.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

ONLY CATHODRAY TUBE (CRT) GLASS MAY BE FEED TO FURNACE

1.) NuLife shall melt only glass waste derived from the CRTs. Any material, such as but not limited to plastics, that could generate or produce hydrocarbons and/or dioxin and/or furans shall be prohibited from being fed into the furnace.

2.) The feed to the furnace shall be monitored hourly by the furnace operator for prohibited materials, which is anything other than CRT glass. If unsuitable materials are detected in the feed, the feed system will be temporarily stopped, the remaining contents of the feed hopper will be discharged to empty totes and any remaining totes associated with that supply delivery will be removed from the processing schedule and returned to the customer as unacceptable material. The furnace operators shall complete a written shift log to record any issues (e.g., off spec materials) they encountered during the shift and actions they have taken to remove that material from the feed stream.

3.) Each container of glass received will be inspected for prohibited materials, and if any prohibited materials are observed the container will be rejected and returned to sender. A record shall be kept of the inspection of each

container of glass received, and whether it was acceptable or rejected.

4.) Semiannually, report if any prohibited materials were in the furnace feed or delivered to the facility, and the corrective actions taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.544, Subpart X

Item 35.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-FURN1 Emission Point: EP001
Process: P02 Emission Source: CEP01

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

Item 35.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
FURNACE - TOTAL ENCLOSURE LEAK MONITORING

1.) The FURNACE/SMELTER and associated processes must be in a total enclosure free of significant cracks, gaps, corrosion or other deterioration that could cause lead bearing material to be released from the primary barrier.

2.) You must maintain an inward flow of air through all natural draft openings.

3.) 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.

4.) You must inspect enclosures and facility structures that contain any lead-bearing materials at least once per month. You must repair any gaps, breaks, separations, leak points or other possible routes for emissions of lead to

the atmosphere within one week of identification unless you obtain approval for an extension from the Administrator before the repair period is exceeded.

5.) Record the date each inspection is conducted, inspection findings, and the date repairs are made.

6.) The above records must be kept on site and made available for review upon request.

7.) Compliance with the above requirements shall be reported semiannually.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

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

Item 36.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-FURN1 Emission Point: EP001
Process: P02 Emission Source: CEP01

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

Item 36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
FURNACE - TOTAL ENCLOSURE HOUSEKEEPING

1.) The total enclosure must be free of significant cracks, gaps, corrosion or other deterioration that could allow lead bearing material to be released into the surroundings.
a.) You must maintain an inward flow of air through all natural draft openings.
b.) Measures must be in place to prevent the tracking of lead bearing material out of the enclosure by personnel or by equipment used in handling the material.
c.) An area must be designated to decontaminate equipment.

2.) You must inspect enclosures and facility structures that contain any lead-bearing materials at least once per month. You must repair any gaps, breaks, separations, leak points or other possible routes for emissions of lead to the atmosphere within one week of identification unless you obtain approval for an extension from the Administrator before the repair period is exceeded.

3.) Record the date each inspection is conducted, inspection findings, and the date repairs are made.

4.) The above records must be kept on site and made available for review upon request.

5.) Compliance with the above requirements shall be reported semiannually.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

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

Item 37.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-FURN1 Emission Point: EP001
Process: P02 Emission Source: CEP01

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

Item 37.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
FURNACE - TOTAL ENCLOSURE PRESSURE MONITORING

1.) The glass furnace / smelter and assocated processes must be in a total enclosure that is under an average negative pressure of at least 0.013 mm of mercury (0.007 inches of water) during any 15-minute period. Where the 15-minute averages must include at least one reading per minute.

2.) A digital differential pressure monitoring system shall be installed, operated, and maintained to continuously monitor the total enclosure.
a.) Each digital differential pressure monitoring system must use a continuous recorder.
b.) The digital differential pressure monitoring systems must be certified by the manufacturer to be capable of measuring and displaying negative pressure containing values in the range of 0.01 to 0.2 millimeters mercury (0.005 to 0.11 inches of water) and capable of recording data in increments of 0.002 millimeters of mercury (0.001 inches of water).
c.) Calibrate each digital differential pressure monitoring system in accordance with manufacturer's specifications.

3.) The following records shall be kept for at least five years:
a.) Electronic records of the continuous pressure monitors for total enclosures,
b.) Identification of periods when the pressure in the total enclosure exceeded the limit in item 1 above,
c.) Records of any time periods power was lost to the continuous pressure monitors for total enclosures required, and
d.) Records of loss of power to the air handling system maintaining negative pressure on total enclosures.

4.) Semiannually, submit the following reports:
a.) Records of 15-minute periods when the pressure was not maintained as required in the total enclosure,
b.) Power was lost to the continuous pressure monitoring system, and
c.) Records of which wall is chosen as the windward wall.

Parameter Monitored: PRESSURE
Upper Permit Limit: -0.007 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: 15 Minute Average
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.548, Subpart X

Item 38.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-FURN1 Emission Point: EP001
Process: P02 Emission Source: CEP01

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

Item 38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
LEAD CEMS FOR FURNACE / SMELTER TOTAL ENCLOSURE

Once EPA promulgates performance specifications for lead continuous emission monitoring system (CEMS), the facility must install a CEMS for measuring lead emissions within 180 days. At the time this permit was issued EPA had not promulgates performance specifications for lead CEMS, so lead CEMS are not required at this time and the following requirements are not applicable.

A.) Except as provided in paragraphs A(2) or (3) below, you must install, calibrate, maintain, and operate a Continuous Emission Monitoring System (CEMS) for measuring lead emissions. In addition to the General Provisions requirements for CEMS in §63.8(c) that are referenced in Table 1 to subpart X, the facility must comply with the requirements for CEMS specified in paragraph B.) below.
(1) The facility must install a CEMS for measuring lead emissions within 180 days of promulgation by the EPA of performance specifications for lead CEMS.
(2) Prior to 180 days after the EPA promulgates performance specifications for CEMS used to measure lead concentrations, you must use the emission testing procedures described in §63.543(g)(1) to determine compliance.
(3) Vents from control devices that serve only to control emissions from buildings containing lead bearing materials are exempt from the requirement to install a CEMS for measuring lead emissions.

B.) If a CEMS is used to measure lead emissions, you must install a continuous emissions monitoring system with a sensor in a location that provides representative measurement of the exhaust gas flow rate at the sampling location of the CEMS used to measure lead emissions, taking into account the manufacturer's recommendations. The flow rate sensor is that portion of the system that senses the volumetric flow rate and generates an output proportional to that flow rate.
(1) The continuous emissions monitoring system must be

designed to measure the exhaust gas flow rate over a range that extends from a value of at least 20 percent less than the lowest expected exhaust flow rate to a value of at least 20 percent greater than the highest expected exhaust gas flow rate.

(2) The continuous emissions monitoring system must be equipped with a data acquisition and recording system that is capable of recording values over the entire range specified in paragraph (B)(1) above.

(3) You must perform an initial relative accuracy test of the continuous emissions monitoring system in accordance with the applicable Performance Specification in appendix B to 40 CFR part 60.

(4) You must operate the continuous emissions monitoring system and record data during all periods of operation of the affected facility including periods of startup, shutdown, and malfunction, except for periods of monitoring system malfunctions, repairs associated with monitoring system malfunctions, and required monitoring system quality assurance or quality control activities including, as applicable, calibration checks and required zero and span adjustments.

(5) When the continuous emissions monitoring system is unable to provide quality assured data, the following apply:

(i) When data are not available for periods of up to 48 hours, the highest recorded hourly emissions rate from the previous 24 hours must be used.

(ii) When data are not available for 48 or more hours, the maximum daily emissions rate based on the previous 30 days must be used.

C.) Electronic records of the output of any CEMS installed to monitor lead emissions meeting the requirements of paragraph B. above shall be maintained for a period of 5 years.

D.) Report the following:

(1) Report all records of all periods when monitoring using a CEMS for lead was not in compliance with applicable limits within 30 days of the reporting period.

(2) The reports shall include the information in 40 CFR 63.10(e)(3), as required.

(3) Within 60 days after the date of completing each CEMS performance evaluation test, as defined in §63.2 and required by this subpart, you must submit the relative accuracy test audit data electronically into EPA's Central Data Exchange by using the Electronic Reporting Tool as mentioned in paragraph (e)(14)(i) of this section. Only data collected using test methods compatible with the Electronic Reporting Tool are subject to this requirement

to be submitted electronically into EPA's WebFIRE database.

Manufacturer Name/Model Number: not applicable
Parameter Monitored: LEAD
Upper Permit Limit: 0.20 milligrams per dry standard cubic meter
Reference Test Method: Lead Performance Specification not promulgated
Monitoring Frequency: CONTINUOUS
Averaging Method: CALENDAR MONTH AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable Federal Requirement:40CFR 63.544, Subpart X

Item 39.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-GLSEP

Item 39.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
GLASS SEPARATION - TOTAL ENCLOSURE HOUSEKEEPING

1.) The glass separation process must be in a total enclosure free of significant cracks, gaps, corrosion or other deterioration that could cause lead bearing material to be released from the primary barrier.

2.) You must maintain an inward flow of air through all natural draft openings.

3.) 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.

4.) You must inspect enclosures and facility structures that contain any lead-bearing materials at least once per month. You must repair any gaps, breaks, separations, leak points or other possible routes for emissions of lead to the atmosphere within one week of identification unless you obtain approval for an extension from the Administrator before the repair period is exceeded.

5.) Record the date each inspection is conducted, inspection findings, and the date repairs are made.

6.) The above records must be kept on site and made available for review upon request.

7.) Compliance with the above requirements shall be reported semiannually.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Compliance Certification
Effective between the dates of 08/29/2014 and 08/28/2019

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

Item 40.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-GLSEP

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

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
GLASS SEPARATION - TOTAL ENCLOSRE PRESSURE MONITORING

1.) The glass separation process must be in a total enclosure that is under an average negative pressure of at least 0.013 mm of mercury (0.007 inches of water) during any 15-minute period. Where the 15-minute averages must include at least one reading per minute.

2.) A digital differential pressure monitoring system shall be installed, operated, and maintained to continuously monitor the total enclosure.
a.) Each digital differential pressure monitoring system must use a continuous recorder.
b.) The digital differential pressure monitoring systems must be certified by the manufacturer to be capable of measuring and displaying negative pressure containing values in the range of 0.01 to 0.2 millimeters mercury (0.005 to 0.11 inches of water) and capable of recording data in increments of 0.002 millimeters of mercury (0.001 inches of water).

c.)Calibrate each digital differential pressure monitoring system in accordance with manufacturer's specifications.

3.) The following records shall be kept for at least five years:
a.) Electronic records of the continuous pressure monitors for total enclosures,
b.) Identification of periods when the pressure in the total enclosure exceeded the limit in item 1 above,
c.) Records of any time periods power was lost to the continuous pressure monitors for total enclosures required, and
d.) Records of loss of power to the air handling system maintaining negative pressure on total enclosures.

4.) Semiannually, submit the following reports:
a.) records of 15-minute periods when the pressure was not maintained as required in the total enclosure,
b.) Power was lost to the continuous pressure monitoring system, and
c.) Records of which wall is chosen as the windward wall.

Parameter Monitored: PRESSURE
Upper Permit Limit: -0.007 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: 15 Minute Average
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2014.
Subsequent reports are due every 6 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 41: Contaminant List
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable State Requirement:ECL 19-0301

Item 41.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007439-92-1
Name: LEAD

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

Condition 42: Malfunctions and start-up/shutdown activities
Effective between the dates of 08/29/2014 and 08/28/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 42.1:
(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment 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.