Facility DEC ID: 8070400036

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-0704-00036/00041
Effective Date: 10/02/2019 Expiration Date: 10/01/2024

Permit Issued To:ANCHOR GLASS CONTAINER CORPORATION
151 E MCCANNS BLVD
ELMIRA HEIGHTS, NY 14903

Contact: GREG DOWLER
ARDAGH GLASS INC
401 E JACKSON ST STE 2800
TAMPA, FL 33602
(813) 884-0000

Facility: ANCHOR GLASS CONTAINER CORP
151 E MCCANNS BLVD
ELMIRA HEIGHTS, NY 14903

Contact: HELEN P REVELAS
ANCHOR GLASS CONTAINER CORP
151 E MCCANNS BLVD
ELMIRA HEIGHTS, NY 14903
(607) 737-1933

Description:
Renewal and modification of the Anchor Glass Containers Title V Facility Permit (originally issued June 25, 2001, renewed July 5, 2007 and October 2, 2012) for its glass container manufacturing facility in the City of Elmira. The facility manufactures glass containers for beverage and food packaging, and has emission points exhausting 2 natural gas-fired, regenerative glass melting furnaces, 6 glass container forming lines, 6 hot end coating lines, raw material unloading, weighing, transfer and mixing operations, 6 inkjet printers to code containers, crushing operations for glass cullet, and shredding equipment for recycling cardboard packaging materials. In addition, a NG fired boiler was put back in service in 2012.

This modification is for the rebuild of furnace #1 with an increase in glass production from 400 tons per day to 425 TPD. Consistent with the 'USA Vs. Anchor Glass Corporation' consent decree finalized September 26, 2018, Anchor will install add on control devices to limit nitrogen oxides (NOx control), SO2 (sulfur dioxides), and particulate (PM). Anchor has proposed to meet emission limits through the use of lime and ammonia injection along with catalytic ceramic filters. PM and ammonia emissions will be monitored through annual stack tests while NOx and SO2 emissions will be monitored continuously through approved continuous emissions monitors (CEMs). The NOx limit represents RACT (Reasonably Available Control Technology), the SO2 limit represents BACT (Best Available Control Technology),

while PM is limited to comply with the NSPS (New Source Performance Standard) for a new glass furnace.

Furnace #2 will continue to operate, essentially unmodified, until the next rebricking of the furnace which will occur no later than 12/31/2029. This source will comply with the NSPS particulate limit for a modified glass furnace. On an interim basis, until the next rebricking, NOx and SO2 RACT and BACT limits will not require the use of add on control devices. Stack testing may be used to show compliance on an interim basis, however, Consistent with the 'USA Vs. Anchor Glass Corporation' consent decree finalized September 26, 2018, Anchor will install NOx and SO2 CEMs and PM COMs (Continuous Opacity Monitors) no later than September 26, 2020. After the next rebricking, furnace #2 emissions limits will be at least as stringent as furnace #1.

The facility meets the definition of a major facility in 6 NYCRR Part 201-2.1(b)(21), and is subject to Part 201-6 (Title V), due to emissions in excess of 100 tons per year each of: particulate matter less than 10 microns (PM-10); total particulate matter(PM); sulfur dioxide (SO_2); and oxides of nitrogen (NOx).

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: KIMBERLY A MERCHANT
6274 E AVON LIMA RD
AVON, NY 14414-9519

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.

PAGE LOCATION OF CONDITIONS

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.

Item3.2:
The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

Item 3.3
Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be

submitted prior to actual transfer of ownership.

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 8 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 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(585) 226-2466

Permit ID: 8-0704-00036/00041 **Facility DEC ID: 8070400036**

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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ELMIRA HEIGHTS, NY 14903

Facility: ANCHOR GLASS CONTAINER CORP
151 E MCCANNS BLVD
ELMIRA HEIGHTS, NY 14903

Authorized Activity By Standard Industrial Classification Code:
3221 - GLASS CONTAINERS
9999 - NONCLASSIFIABLE ESTABLISHMENTS

Permit Effective Date: 10/02/2019 Permit Expiration Date: 10/01/2024

PAGE LOCATION OF CONDITIONS

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41 38 6 NYCRR 212-2.1 (b): Compliance Certification
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47 40 6 NYCRR 212-2.4 (b): Compliance Certification
48 41 6 NYCRR 220-2.4 (b): Compliance Certification
54 42 40CFR 60.292, NSPS Subpart CC: Compliance Certification

EU=0-00001,Proc=O1A,ES=20000
56 43 6 NYCRR 201-6.4: Compliance Certification
58 44 6 NYCRR 212-1.5 (d): Compliance Certification
64 45 6 NYCRR 212-1.5 (d): Compliance Certification
69 46 6 NYCRR 220-2.4 (b): Compliance Certification
74 47 40CFR 60.293, NSPS Subpart CC: Compliance Certification

EU=0-00002,Proc=OO2,ES=24A00
78 48 6 NYCRR 212-2.4 (b): Compliance Certification

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79 49 6 NYCRR 212-2.4 (b): Compliance Certification

EU=0-00002,Proc=OO2,ES=27A00
80 50 6 NYCRR 212-2.4 (b): Compliance Certification

EU=0-00002,Proc=OO2,ES=4A000
80 51 6 NYCRR 212-2.4 (b): Compliance Certification

EU=0-00002,Proc=OO2,ES=9A000
81 52 6 NYCRR 212-2.4 (b): Compliance Certification

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82 53 6 NYCRR 227-1.3 (a): Compliance Certification
83 54 6 NYCRR 227-2.4 (d): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level
86 55 ECL 19-0301: Contaminant List
87 56 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
87 57 6 NYCRR 211.1: Air pollution prohibited
88 58 6 NYCRR 257-8.3 (b): Ambient Air Quality Standards - Fluorides

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 3/FINAL ****** 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: **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 B: **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 C: **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 D: **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 E: **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 F: **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 G: **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 H: **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 I: **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 J: 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. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of 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 the 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 section 201- 6.6 of this Subpart.

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 K: **Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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 – Air Compliance Branch
USEPA Region 2 DECA/ACB
290 Broadway, 21st Floor
New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 8 Headquarters
6274 East Avon-Lima Road
Avon, NY 14414-9519

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 1/30/2020.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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 10/02/2019 and 10/01/2024

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: 0-00001
Emission Unit Description:
Two natural gas glass melting furnaces, six associated hot end coating operations and six associated glass forming lines.

Building(s): 1M

Item 21.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 0-00002
Emission Unit Description:
Raw material handling and cullet storage.

Building(s): BHS

Item 21.3:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 0-00003
Emission Unit Description:
Boolean date and code printing.

Building(s): 1M

Item 21.4:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 0-00005
Emission Unit Description:
Cullet crushing.

Building(s): OUTSIDE

Item 21.5:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 0-00006
Emission Unit Description:
This emission unit consists of a natural gas fired boiler (Boiler #6) with a maximum rated capacity of 15.1 MMBtu/Hr, originally installed in 1945, but taken out of service around 1997 and returned to service on 10/04/2012 with burner installed from deactivated Boiler#5.

Building(s): 1M

Item 21.6:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 0-00007
Emission Unit Description:
Sorbent handling and filter dust handling

Building(s): OUTSIDE

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 10/02/2019 and 10/01/2024

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: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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

Item 23.1:
The Compliance Certification activity will be performed for the Facility.

Item 23.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Operational Flexibility Plan

I. Protocol Objective

The objective of this condition is to maximize operational flexibility at the facility by building into the Title V permit the capability to make certain changes using a protocol. As provided under 6 NYCRR Part 201-6.4(f)(2), changes made under an approved protocol are not subject to the Title V permit modification provisions under 6 NYCRR Part 201-6.6.

II. Protocol

A. Criteria

1. Changes reviewed under this protocol shall be evaluated in accordance with the following criteria:

a. All underlying federal and state requirements with which the new or changed emission source must comply must exist in the Title V permit. Existing permit conditions may be amended to reference or include the new or changed emission source and any related information, and/or subject to DEC approval, new conditions proposed, to provide the appropriate monitoring parameters.

b. Any new or changed emission source shall not be part of a source project that results in a significant net emissions increase that exceeds the New Source Review (NSR) thresholds identified in 6 NYCRR Part 231-2 or 40 CFR 52.21.

c. The facility shall not use the protocol to make

physical changes or changes in the method of operation of existing emissions sources that would require a new or modified federally enforceable cap either to avoid major NSR requirements or to address and comply with other Clean Air Act requirements, such as RACT. Such changes must be addressed via the significant permit modification provisions.

B. Notification Requirements for Changes Reviewed under the Protocol

1. The facility shall notify the Department in writing of the proposed change.

2. Notifications made in accordance with this protocol will include the following documentation:

a. Identification of the Title V permit emission unit, process(es), emission sources and emission points affected by the proposed change with applicable revisions to the Emission Unit structure;

b. Description of the proposed change, including operating parameters;

c. Identification and description of emissions control technology;

d. Documentation of the project's, or emission source's, compliance with respect to all state and/or federally applicable requirements, including the following steps:

i. Calculate the emission rate potential and maximum projected actual annual emission rates for all contaminants affected by the change.

ii. Submit documentation of major NSR program non-applicability for NYSDEC review and approval.

iii. Identify and evaluate the applicability of all regulations likely to be triggered by the new or changed emission source.

iv. Propose any operating and record keeping procedures necessary to ensure compliance.

e. Any other relevant information used for the evaluation of the proposed project or emission source under the Protocol.

C. Review and Approval of Changes

1. The Department shall respond to the permittee in writing with a determination within 15 days of receipt of the notification of the permittee.

2. The Department may require a permit modification, in order to impose new applicable requirements or additional permit conditions if it determines that changes proposed pursuant to notification do not meet the criteria under II. A above or that the changes may have a significant air quality impact or be otherwise potentially significant under SEQRA (6 NYCRR Part 617).

3. The Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the proposed change, which may include potential air quality impacts and/or applicable requirements. The Department's determination shall include a listing of information required for further review, if necessary.

D. Additional Compliance Obligations for Changes Made Under this Protocol

1. Upon commencement of the change, the facility shall comply with all applicable requirements and permit conditions, including any amended or proposed in accordance with II.A.1.a above.

2. The facility shall provide with the semi-annual monitoring report, a summary of the changes made in accordance with this protocol and a statement of the compliance status of each. Changes reported should include all those made during the corresponding period and any earlier changes that have not yet been incorporated into the permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 24: Non Applicable requirements
Effective between the dates of 10/02/2019 and 10/01/2024

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

Item 24.1:
This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6 NYCRR 212-1.1 (a) (1)
Emission Unit: 000001 Process: O1A
Reason: Emissions of NOx from the glass melting furnaces, Unit 1-00000 Process O1A, are regulated via 6NYCRR Part 220-2 and are not subject to Part 212. Emissions of all particulate matter from the glass melting furnaces, Unit 1-00000 Process O1A, including particulate metal HAPs, are regulated via 40CFR60.CC. Compliance with 40CFR60.CC satifies compliance with 6NYCRR Part 212.

40 CFR Part 63, Subpart SSSSSS
Reason: Anchor does not process any urban HAP metals (As, Cd, Cr, Pb, Mn, Ni) as raw materials (not including trace materials in non-HAP raw materials such as sand) in the glass furnaces. Processing any urban HAP metals could subject Anchor to 40 CFR 63.SSSSSS.

Condition 25: Visible Emissions Limited
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 211.2

Item 25.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 26: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-1.6 (a)

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

Emission Unit: 0-00001
Process: O1B

Emission Unit: 0-00001
Process: O1C

Emission Unit: 0-00002

Process: O2B

Emission Unit: 0-00002
Process: OO2

Emission Unit: 0-00005
Process: OO5

Emission Unit: 0-00007
Process: 07A

Emission Unit: 0-00007
Process: 07B

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

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 shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies daily while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department

determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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

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

Emission Unit: 0-00001
Process: O1B

Emission Unit: 0-00001
Process: O1C

Emission Unit: 0-00002
Process: O2B

Emission Unit: 0-00002
Process: OO2

Emission Unit: 0-00003
Process: OO3

Emission Unit: 0-00005
Process: OO5

Emission Unit: 0-00007
Process: 07A

Emission Unit: 0-00007
Process: 07B

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants under 6 NYCRR Part 212-2.3, as applicable, for the environmental rating assigned to the contaminant by the department.

The listed non-HTAC contaminants have been demonstrated to be in compliance with 6 NYCRR Part 212-2.1(b) by meeting either:
1- the degree of air cleaning required for the rating given to each contaminant,
2- the DAR-1 guideline concentrations.

The facility owner or operator shall verify the parameters used to demonstrate compliance with Table 4 semi-annually. These parameters include, but are not limited to engineering emission estimates, mass balances, process flows, production records, control equipment parameters, manufacturer's or published emission factors, etc. Any significant change to these parameters or any method of operation which could increase the emissions, increase the emission rate potential, decrease the air cleaning control efficiency, or be cause to alter the environmental rating of any contaminant may be considered a modification to the permit and will require a reevaluation to ensure continued compliance with Part 212.

Additionally, the facility owner or operator will investigate, in a timely manner, any unforseen instance where there is reason to believe that there is or has been an emissions increase above those that are listed on the application, or that Part 212 emissions standards may have been or continue to be exceeded. In such cases, the facility owner or operator shall investigate the cause, make any necessary corrections, and verify that the potential excess emissions problem has been corrected.

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safe, good air pollution control practices, good engineering practices and manufacturers' recommendations for minimizing emissions.

Records of calculation reviews, observations,

investigations and corrective actions will be kept
on-site. A summary of these records will be included in
the semi-annual compliance monitoring report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-2.4 (b)

Item 28.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-00001
Process: O1B

Emission Unit: 0-00001
Process: O1C

Emission Unit: 0-00002
Process: O2B

Emission Unit: 0-00002
Process: OO2

Emission Unit: 0-00005
Process: OO5

Emission Unit: 0-00007
Process: 07A

Emission Unit: 0-00007
Process: 07B

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

Item 28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance verifications semi-annually. These verifications include review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these verifications, investigations and corrective actions will be kept on-site and a summary will be included in the semi-annual monitoring reports. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: .05 grains per cubic foot
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR Part 226

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

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
6NYCRR 226. Requirements for Open-top Vapor Degreasers
(For Title V)

A. Equipment Specifications

The following types of control equipment must be used when conducting open-top vapor degreasing, solvent metal cleaning:

1) A cover which can be operated easily without disturbing the vapor zone.

(2) Safety switches which shut off the sump heat if the condenser malfunctions and shall shut off the pump if the vapor level drops excessively
(3) One of the following:
(i) a freeboard ratio that is greater than or equal to 0.75, and a powered or mechanically assisted cover if the top opening is greater than 10 square feet;
(ii) a refrigerated chiller; or
(iii) local exhaust ventilation and a carbon adsorption unit, or an equivalent system, for collection of VOCs.

B. Operating Requirements:

(1) Minimize solvent carry-out by the following measures:

(i) rack parts to allow full drainage;
(ii) move parts in and out of degreaser tank at less than 11 ft/min;
(iii) degrease the work load in the vapor zone at least 30 seconds or until condensation ceases;
(iv) tip out any pools of solvent before removal; and

(v) dry parts for at least 15 seconds before removal.

(2) Work loads shall not occupy more than half the open-top area of the degreaser tank.
(3) Spray only below the vapor level.

C. General Requirements:

A Person conducting solvent metal cleaning must:

(1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
(2) Maintain equipment to minimize leaks and fugitive emissions.
(3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
(4) Keep the degreaser cover closed except when:
(a) parts are being placed into or being removed from the degreaser;.
(b) adding or removing solvent from the degreaser; or
(c) no solvent is in the degreaser.
(5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
(6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
(7) Include in the semiannual monitoring report and annual compliance certifications (required of all permitteres subject to Title V) the solvent consumption required under (5) above, as well as a statement that the premittee's obligations under items (1) through (6) above have been met for the period of the report or certification.. This statement must be based on the permittees observations on a daily basis that the operation of the solvent metal cleaning process has met the above criteria. The permittee must maintain a log of instances when the above have not been met, and such statement must summarize these instances.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 231-11.2 (b)

Item 30.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0	CARBON MONOXIDE
CAS No: 007446-09-5	SULFUR DIOXIDE
CAS No: 0NY075-00-0	PARTICULATES
CAS No: 0NY075-00-5	PM-10
CAS No: 0NY998-00-0	VOC
CAS No: 0NY075-02-5	PM 2.5
CAS No: 0NY750-00-0	CARBON DIOXIDE EQUIVALENTS
CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 30.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For the furnace #1 modification with a project emission potential which is less than 50 percent of the applicable significant project threshold in table 3, table 4 or table 6 of Subpart 231-13, Anchor must maintain the following information for a minimum of five years:

(1) a description of the modification;
(2) an identification of each new or modified emission source(s) including the associated processes and emission unit;
(3) the calculation of the project emission potential for each modified emission source(s) including supporting documentation; and
(4) The date the modification commenced operation.

These recordkeeping requirements apply to exempt and trivial activities that were modified as part of the furnace #1 modification project but do not affect their exempt or trivial permitting status under Subpart 201-3 of this Title.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 31: Applicability of Subpart A General Provisions
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 31.1:
This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 32: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:40 CFR Part 64

Item 32.1:
The Compliance Certification activity will be performed for the Facility.

Item 32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility is subject to the Compliance Assurance Monitoring Rule (CAM Rule). Pre-controlled emissions from Unit 0-00001 have the potential to exceed th e major source threshold for NOx, SO2 and PArticulate Matter. Unit 0-00001, source 10000 (furnace #1) is subject to an emission limitation for NOx, SO2 and Particulate Matter and uses add on control equipment to control emissions.

NOx emissions from furnace #1 are controlled by Seltive Catalytic Reduction. CEMS directly measure NOx emissions and are used to show compliance with the NOx emissions limit (NOx RACT and consent decree).

SO2 emissions from furnace #1 are controlled by like injection plus ceramic filtration. CEMS directly measure SO2 emissions and are used to show compliance with the SO2 emissions limit (SO2 BACT and consent decree).

Particulate Matter emissions from furnace #1 are controlled by ceramic filtrationn. An annual stack test is used to directly measure PM emissions to show compliance with the PM emissions limits (NSPS and consent decree). Pressure drop over the control device is to be monitored and maintained in proper operating range.

Monitoring conditions contained within this Title V permit include the following:

- An indicator to be monitored to show compliance with the applicable emission limit or standard.

- The ranges or designated conditions for such indicators, or the process by which such indicators ranges or designed conditions will be established.
- the performance criteria for the monitoring stated above
- if applicable, the indicator ranges and performance criteria for a CEMS, COMS or PEMS (if used).

All future modification or renewal of this Title V Permit must include proposed monitoring conditions which are in compliance with the above criteria.

The compliance status for all emission limit monitoring parameters will be documented within the facility's Semi-Annual Monitoring Reports and Annual Compliance Certifications. Excursions trigger immediate inspection and corrective actions. Each Semi-Annual Monitoring Report and Annual Compliance Certification will document the number of excursions that occurred within the reporting period, duration, cause and 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 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Mandatory greenhouse gas reporting
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:40 CFR Part 98

Item 33.1:
40 CFR Part 98 establishes mandatory greenhouse gas (GHG) reporting requirements for owners and operators of certain facilities that directly emit GHG as well as for certain fossil fuel suppliers and industrial GHG suppliers. For suppliers, the GHGs reported are the quantity that would be emitted from combustion or use of the products supplied.

Owners and operators of facilities and suppliers that are subject to 40 CFR Part 98 must follow the requirements of subpart A and all applicable subparts of 40 CFR Part 98. If a conflict exists between a provision in subpart A and any other applicable subpart, the requirements of the applicable subpart shall take precedence.

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

Condition 34: Emission Point Definition By Emission Unit
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 34.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-00001

Emission Point: 00001
Height (ft.): 143 Diameter (in.): 72
NYTMN (km.): 4664.722 NYTME (km.): 349.682 Building: 1M

Emission Point: 00002
Height (ft.): 125 Diameter (in.): 77
NYTMN (km.): 4664.697 NYTME (km.): 349.566 Building: 1M

Emission Point: R1VNT
Height (ft.): 83 Length (in.): 1200 Width (in.): 126
NYTMN (km.): 4664.521 NYTME (km.): 349.63 Building: 1M

Emission Point: R2VNT
Height (ft.): 83 Length (in.): 1200 Width (in.): 126
NYTMN (km.): 4664.521 NYTME (km.): 349.63 Building: 1M

Item 34.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-00002

Emission Point: 00004
Height (ft.): 71 Diameter (in.): 31
NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: BHS

Emission Point: 00024
Height (ft.): 95 Diameter (in.): 6
NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: BHS

Emission Point: 00025
Height (ft.): 95 Diameter (in.): 6
NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: BHS

Emission Point: 00026
Height (ft.): 95 Diameter (in.): 5
NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: BHS

Emission Point: 00027
Height (ft.): 10 Diameter (in.): 6

NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: BHS

Emission Point: 00028
Height (ft.): 90 Diameter (in.): 6
NYTMN (km.): 4664.631 NYTME (km.): 349.613 Building: OUTSIDE

Emission Point: ESRN9
Height (ft.): 56 Diameter (in.): 15
NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: BHS

Item 34.3:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-00006

Emission Point: B0001
Height (ft.): 75 Diameter (in.): 96
NYTMN (km.): 4664.521 NYTME (km.): 349.63 Building: 1M

Item 34.4:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-00007

Emission Point: 00019
Height (ft.): 100 Diameter (in.): 6
NYTMN (km.): 4664.66 NYTME (km.): 349.56 Building: BHS

Emission Point: SH001
Height (ft.): 100 Diameter (in.): 6
NYTMN (km.): 4664.62 NYTME (km.): 349.541 Building: OUTSIDE

Emission Point: SH002
Height (ft.): 100 Diameter (in.): 6
NYTMN (km.): 4664.66 NYTME (km.): 349.56 Building: OUTSIDE

Condition 35: Process Definition By Emission Unit
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 35.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00001
Process: O1A Source Classification Code: 3-05-014-02
Process Description:
Glass melting furnace #1 and #2. This process is the melting of raw materials to produce glass. This is a continuous melting process and is fueled by natural gas.

Furnace #1 will be equipped with catalytic ceramic filter, lime and ammonia injection for PM, SOx and NOx control no later than July 31, 2019. Furnace #1, currently permitted to operate without control equipment at the time of permit writing, will not operate without control after July 31.

Furnace #2 utilizes batch optimization for SO2 and PM control. CEMS and COMS will be installed on furnace #2 no later than September 26, 2020.

Note: At permit issuance the Department intends to modify and update this description with accurate, factual information related to the permitting time-line, the federal consent decree, and the actual control equipment and furnace #1 cold tank rebuild. The description change will not involve the addition, modification, or deletion of any limits, monitoring, record keeping or reporting requirements contained in this permit.

Emission Source/Control: 10A01 - Control
Control Type: DRY LIME INJECTION

Emission Source/Control: 10A02 - Control
Control Type: AMMONIA INJECTION

Emission Source/Control: 10A03 - Control
Control Type: DUST COLLECTOR

Emission Source/Control: 10000 - Process
Design Capacity: 425 tons per day

Emission Source/Control: 20000 - Process
Design Capacity: 396 tons per day

Item 35.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00001
Process: O1B Source Classification Code: 3-05-014-06
Process Description:
Glass forming. This process shears continuous streams of molten glass into precise increments of hot, viscous glass called gobs. These gobs are gravity-fed to forming machines which form containers by shaping the glass using mechanical pressing and air blowing.

Emission Source/Control: GFM01 - Process

Emission Source/Control: GFM02 - Process

Item 35.3:

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

Emission Unit: 0-00001
Process: O1C Source Classification Code: 3-05-014-06
Process Description:
Hot End Coating. In this process glass containers pass through a hot end vapor deposition hood, wherein a tin-based coating is applied as a surface preparation prior to the cold end coating, and annealing lehrs.

Emission Source/Control: HEC01 - Process

Emission Source/Control: HEC02 - Process

Item 35.4:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00002
Process: O2B Source Classification Code: 3-05-014-10
Process Description:
This process represents cullet storage and raw material handling (ie: transfering, weighing, mixing, conveying, etc...)

Emission Source/Control: 00041 - Process

Emission Source/Control: U0019 - Process

Emission Source/Control: U0020 - Process

Emission Source/Control: U0021 - Process

Emission Source/Control: U0022 - Process

Item 35.5:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00002
Process: OO2 Source Classification Code: 3-05-014-10
Process Description:
Raw material processes. Unloading, weighing, transferring, mixing, etc., of raw materials used in the glass making process. These raw materials include, but are not limited to, soda ash, sand, limestone, and cullet.

Emission Source/Control: 24A00 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 25A00 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 27A00 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 28A00 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4A000 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 9A000 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 40000 - Process

Emission Source/Control: NRSE9 - Process

Emission Source/Control: NSE24 - Process

Emission Source/Control: NSE25 - Process

Emission Source/Control: NSE26 - Process

Emission Source/Control: NSE27 - Process

Emission Source/Control: NSE28 - Process

Item 35.6:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00003
Process: OO3 Source Classification Code: 4-02-999-95
Process Description:
This process is the printing of the final product (glass containers) with boolean dates and codes, specific to the customer, through the use of videojet printers.

Emission Source/Control: U0004 - Process

Item 35.7:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00005
Process: OO5 Source Classification Code: 3-05-014-13
Process Description:
This process is the crushing of various colors and types of cullet.

Emission Source/Control: U0040 - Process

Item 35.8:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00006

Process: 006 Source Classification Code: 1-02-006-02
Process Description:
This process consists of a 15.1 MMBtu/Hr boiler (boiler #6) fueled by natural gas. The unit was returned to service on 10/04/2012 from 15 year period of inactivity.

Emission Source/Control: BOIL1 - Combustion
Design Capacity: 15.1 million Btu per hour

Item 35.9:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00007
Process: 07A Source Classification Code: 3-05-014-10
Process Description: Sorbent injection, conveying, silo

Emission Source/Control: SH00A - Control
Control Type: FABRIC FILTER

Emission Source/Control: SH00B - Control
Control Type: FABRIC FILTER

Emission Source/Control: SH001 - Process

Emission Source/Control: SH002 - Process

Emission Source/Control: SH003 - Process

Item 35.10:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00007
Process: 07B Source Classification Code: 3-05-014-10
Process Description:
Dust handling: sorbent collection, conveying, transport; pneumatic conveying; bulk bag collection stations

Emission Source/Control: DH00A - Control
Control Type: FABRIC FILTER

Emission Source/Control: DH001 - Process

Emission Source/Control: DH002 - Process

Emission Source/Control: DH003 - Process

Condition 36: Demonstrating compliance with Part 212 through the federal NSPS for the respective air contaminant
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-1.5 (e) (1)

Item 36.1:
This Condition applies to Emission Unit: 0-00001

Item 36.2:
A process emission source subject to a Federal NSPS under 40 CFR Part 60 (see Table 1, Section 200.9 of this Title) satisfies the requirements of this Part for the respective air contaminant regulated by the Federal standard if the facility owner or operator can demonstrate that the facility is in compliance with the relevant Federal regulation.

Condition 37: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 201-6.4

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

Emission Unit: 0-00001
Process: O1A Emission Source: 10000

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

Item 37.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
LIMIT:
Furnace #1 shall not exceed 0.45 pounds of total particulate emissions per ton of glass produced.

Anchor shall pass all stack gases through a particulate control device except during: the first seven (7) days of furnace startup; control device startup; malfunction of the control device; or maintenance of the control device.

At all times Anchor shall maintain and operate all furnaces, all control devices, and any other associated air pollution control equipment in accordance with 40 C.F.R. § 60.11(d). Anchor shall operating and maintain the particulate control system according to all applicable manufacturer's specifications and with good air pollution

control practices for minimizing emissions consistent with 40 C.F.R. § 60.11(d).

STACK TESTING:
Anchor shall demonstrate compliance with the emission limits through annual stack tests and using EPA Test Method 202 (40 C.F.R. Part 51, Appendix M). Anchor will conduct an initial stack test within 6 months of furnace #1 startup and then test once each calendar year.

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a furnace startup, a control device startup, a malfunction of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.45 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 202
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 2/29/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 10000

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Commencing on the first operating day for each furnace with an SCR, and during all times when an SCR control device is operated, Anchor shall limit the ammonia slip from the SCR to 10 parts per million volume dry basis ("ppmvd") or less, corrected to 15 percent oxygen ("O2").

For purposes of demonstrating compliance with this emission limit, ammonia stack testing shall be conducted as part of each of the annual particulate matter stack tests that are required annually for each furnace. All ammonia stack testing conducted shall be conducted in accordance with a test protocol approved by EPA or NYSDEC.

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a furnace startup, a control device startup, a malfunction of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition.

Parameter Monitored: AMMONIA
Upper Permit Limit: 10 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: Method TBD
Monitoring Frequency: ANNUALLY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 39: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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

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

Emission Unit: 0-00001
Process: O1A Emission Source: 10000

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

Item 39.2:
Compliance Certification shall include the following monitoring:

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

LIMIT:
Furnace #1 shall not exceed the 30-day rolling average emission limit of 0.70 pounds of SO2 per ton of glass produced, as measured using a certified SO2 CEMS. Calculation of the 30-day rolling average emission rate may exclude emissions during the following periods: the first seven (7) days of furnace startup; control device startup; abnormally low production rate days; malfunction of the scrubber system or particulate matter control device; and maintenance of the scrubber system or particulate matter control device.

At all times Anchor shall maintain and operate all furnaces, all control devices, and any other associated air pollution control equipment in accordance with 40 C.F.R. § 60.11(d). Anchor shall only operate furnace #1 while continuously operating and maintaining the SO2 scrubber system according to all applicable manufacturer's specification and with good air pollution control practices for minimizing emissions consistent with 40 C.F.R. § 60.11(d) in order to minimize SO2 emissions to the extent practicable.

EXCEPTIONS:
During the first seven days of furnace #1 startup (the period of time during which a furnace's refractory is heated from ambient temperature to operating temperature),

Anchor shall limit the amount of sulfur added to the batch materials to 2.6 pounds per ton of total batch material (including cullet) or less.

During the control device startup period (the period of time from the initial commencement of operation of the control device until operation of the device is stable and the device has achieved normal operating conditions. A Control Device Startup shall not exceed thirty (30) Days. Control Device Startup does not include subsequent startups of the Control Device, unless the subsequent startup of the Control Device occurs during a restart after a downtime of more than six months.), Anchor shall limit the amount of sulfur added to the batch materials to 2.6 pounds per ton of total batch material (including cullet) or less.

For any abnormally low production rate days (any operating day where glass production at furnace #1 occurs at or below the rate of 149 tons per day for at least one continuous hour, which reflects thirty-five (35) percent of the permitted production rate), Anchor may elect to exclude that day and the emissions generated during that day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate as an abnormally low production rate day, the 24-hour block emission rate from furnace #1 shall not exceed 298 pounds of SO2. The 24-hour Block Emission Rate shall mean the emission rate calculated by averaging all valid one-hour emissions data outputs (pounds per hour) for a given operating day (any day where any fuel is fired in this furnace), multiplying that average by the number of minutes the relevant furnace operated that operating day, and then dividing by 60.

For any operating day during which a malfunction of the control system occurs, Anchor may elect to exclude that day and the emissions generated during that operating day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate for such a malfunction, the 24-hour block emission rate shall not exceed 744 pounds of SO2.

For any operating day during which maintenance activities on the control system are performed, Anchor may elect to exclude the emissions generated during that maintenance day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate pursuant to this paragraph, the 24-hour block emission rate from furnace #1 shall not exceed 24.8 pounds of SO2 times the maintenance hours plus 12.4 pounds of SO2 times the non maintenance hours.

CEMS:
Anchor shall install, calibrate, certify, maintain, and operate SO2 CEMS in accordance with the provisions of 40 CFR part 60, appendices B and F. Furnace #1 shall not resume operation unless, and until such SO2 CEMS has been installed.

The SO2 CEMS shall be in continuous operation except during analyzer malfunctions, repairs, and required quality assurance or quality control activities (including calibration checks, and required zero and span adjustments). Anchor shall take all steps necessary to minimize CEMS downtime. This shall include, but is not limited to, operating and maintaining the CEMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs to the equipment.

Anchor shall not perform CEMS certification or CEMS re-certifications during abnormally low production rate days, furnace startup, control device startup, malfunction of any furnace, malfunction of any control device, maintenance of any furnace, maintenance of any control device, or color transition. If a CEMS certification event occurs at any furnace, the requirement to demonstrate compliance continuously with the applicable emission limit for that furnace will be suspended until CEMS certification or CEMS re-certification is complete (provided that the seven-day test required for CEMS certification is commenced on the first operating day following the conclusion of the CEMS certification event).

Events that will trigger subsequent CEMS certification (or CEMS re-certification) include any furnace startup or control device startup. Anchor shall commence such CEMS re-certification no later than the first operating day after a furnace startup concludes or a control device startup period concludes. If a furnace startup and a control device startup happen at the same time, then the CEMS re-certification shall not be conducted until the first operating day after the later startup event concludes.

MONITORING AND RECORD KEEPING:
The SO2 CEMS must monitor and record the hourly SO2 emission concentrations (in parts per million (ppm)) during each operating day. The data acquisition and handling system for the CEMS shall convert the ppm values generated by each analyzer into pounds per hour using an O2 CEMS or a flow monitor installed, calibrated,

certified, maintained, and operated in accordance with 40 C.F.R. § 60.13 (including but not limited to the 40 C.F.R. § 60.13(h) provisions regarding data reduction, and the provisions for validating partial operating hours which shall apply), 40 C.F.R. Part 60, Appendix B (Performance Specification 3 or 6, as applicable) and 40 C.F.R. Part 60, Appendix F (Quality Assurance Procedures). At the end of each operating day, the data acquisition and handling system shall calculate and record the 24-hour block emission rate for that operating day, and divide the calculated 24-hour block emission rate by the total tons of glass produced during the operating day to describe the pound per ton emission rate for the operating day. The resulting number, in units of pounds of pollutant per ton of glass produced for the applicable operating day, shall also be recorded.

Anchor shall comply with all record keeping requirements in 40 C.F.R. Part 60 as well as 6 NYCRR Part 220-2.4.

Anchor shall record:
-the hourly SO2 emissions (lbs per hour) as calculated using CEMS data;
-the daily production rate;
-if applicable, the 30-day rolling average emissions rate (lbs/ton); and
-all results from source tests

For any operating day(s) that Anchor excludes from the relevant 30-day rolling average emission rate, it shall record:
-the date;
-the relevant exception pursuant to which Anchor is excluding the emissions generated during that operating day;
-a calculation of the applicable emission limit in pounds of SO2 per Day;
-the 24-hour block emission rate calculated using data recorded by the CEMS (in pounds of SO2 per Day);
-if it was a malfunction, an explanation and any corrective actions taken; and
if the operating day(s) was excluded for maintenance, the total number of hours during which maintenance occurred.

Records or required measurements and any additional parameters required by the department shall be maintained for at least five years and made available to the department upon request.

REPORTING:

Anchor must comply with all reporting requirements in 40 C.F.R. Part 60.13.

MAINTENANCE ON CONTROL DEVICES AND FURNACES:
Any operating day that is excluded from the applicable 30-day rolling average emission rate because of maintenance being performed is subject to the following restrictions and must comply with the following requirements:
-Scheduled or preventive furnace maintenance, including checker raking and burning, shall not exceed ninety-six (96) operating hours annually and shall be conducted only when all downstream control devices, if applicable, are operating.
-Scheduled or preventive maintenance of control devices shall occur and shall be completed only while the furnace connected to the control device(s) is not operating, unless the furnace connected to the control device is scheduled to have a continuous operating year. During a continuous operating year, scheduled or preventive maintenance on control devices may be conducted while the furnace connected to the control device(s) is operating. All control device maintenance occurring during a continuous operating year must also be performed in accordance with the following (2) requirements:
(1)-Maintenance lasting greater than twenty-four (24) consecutive hours shall occur only during abnormally low production rate days.
(2)-Bypassing of any control device or control devices for the purpose of preventive maintenance shall not exceed one hundred forty-four (144) total hours per calendar year, per furnace for SO2.

Manufacturer Name/Model Number: CEM TBD
Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 0.70 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 6C
Monitoring Frequency: CONTINUOUS
Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-2.4 (b)

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 10000

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

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Anchor Glass will maintain the furnace #1 particulate control device in accordance with the manufacturers' specifications. The pressure drop across the control device shall be maintained within the manufacturers suggested range. Immediate corrective action should be taken if the pressure drop falls outside of this operating range or deviates significantly from the expected values. Pressure drop shall be monitored and recorded continuously during control device operation. Records will be made available for inspection by the Department.

Manufacturer Name/Model Number: FlexKleen/84 BVS-9
Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 1.0 inches of water
Upper Permit Limit: 10 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: RANGE-NOT TO FALL OUTSIDE OF STATED RANGE EXCEPT DURING STARTUP/SHUTDOWN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 220-2.4 (b)

Item 41.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 10000

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

Item 41.2:

Compliance Certification shall include the following monitoring:

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

LIMIT:
Furnace #1 shall not exceed the 30-day rolling average emission limit of 1.20 pounds of NOx per ton of glass produced, as measured using a certified NOx CEMS. Calculation of the 30-day rolling average emission rate may exclude emissions during the following periods: abnormally low production rate days; up to the first ten (10) days of a furnace startup; control device startup; malfunction of the emissions control system; and maintenance of emissions control system.

This limit establishes NOx RACT for furnace #1. The RACT limit will be submitted to EPA for approval as a source-specific SIP revision.

At all times Anchor shall maintain and operate all furnaces, all control devices, and any other associated air pollution control equipment in accordance with 40 C.F.R. § 60.11(d). While each SCR is operating, Anchor shall continuously operate and maintain the SCR, including the SCR catalyst, according to all applicable manufacturer's specification and with good air pollution control practices for minimizing emissions consistent with 40 C.F.R. § 60.11(d) in order to minimize NOx emissions to the extent practicable taking into consideration ammonia slip.

EXCEPTIONS:
For any abnormally low production rate days (any operating day where glass production at a furnace occurs at or below the rate of 149 tons per day for at least one continuous hour, which reflects thirty-five (35) percent of the permitted production rate), Anchor may elect to exclude that day and the emissions generated during that day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate as an abnormally low production rate day, the 24-hour block emission rate from furnace #1 shall not exceed 510 pounds of NOx. The 24-hour block emission rate shall mean the emission rate calculated by averaging all valid one-hour emissions data outputs (pounds per hour) for a given operating day (any day where any fuel is fired in this furnace), multiplying that average by the number of minutes the relevant furnace operated that operating day, and then dividing by 60.

During the first ten days of furnace #1 startup (the period of time during which a furnace's refractory is

heated from ambient temperature to operating temperature), the exhaust may bypass the SCR to avoid having the operating inlet temperature of the SCR fall below its operational range. During the days that furnace exhaust bypasses the SCR, Anchor shall burn no more than 14 million standard cubic feet of natural gas in that Furnace.

For any operating day (any Day where any fuel is fired in Furnace #1) during SCR control device startup (the period of time from the initial commencement of operation of a control device until operation of the device is stable and the device has achieved normal operating conditions, not to exceed thirty days and not to include subsequent startups of the Control Device, unless the subsequent startup of the control device occurs during a restart after a downtime of more than six month) or when a malfunction of the emissions control system occurs, Anchor may elect to exclude the emissions generated during that day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate pursuant to this paragraph, the 24-hour block emission rate from furnace #1 shall not exceed 2550 pounds of NOx (5 times the abnormally low production rate limit).

For any operating day during which maintenance activities on the control system are performed, Anchor may elect to exclude the emissions generated during that maintenance day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate pursuant to this paragraph, the 24-hour block emission rate from furnace #1 shall not exceed 106 pounds of NOx times the maintenance hours plus 21.3 pounds of NOx times the non-maintenance hours of that day (5 times the abnormally row production rate limit for the maintenance hours plus the normally low production rate limit for the non maintenance hours).

CEMS:
Anchor shall install, calibrate, certify, maintain, and operate NOx CEMS in accordance with both the provisions of 40 CFR part 60, appendices B and F, as well as 6 NYCRR Part 220-2.4. Furnace #1 is shall not resume operation unless, and until such NOx CEMS has been installed.

Except during analyzer malfunctions, repairs, and required quality assurance or quality control activities (including calibration checks, and required zero and span adjustments), the NOX CEMS shall be in continuous operation. Anchor shall take all steps necessary to

minimize CEMS downtime. This shall include, but is not limited to, operating and maintaining the CEMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs to the equipment.

Anchor shall not perform CEMS certification or CEMS re-certifications during abnormally low production rate days, furnace startup, control device startup, malfunction of any furnace, malfunction of any control device, maintenance of any furnace, maintenance of any control device, or color transition. If a CEMS certification event occurs at any Furnace, the requirement to demonstrate compliance continuously with the applicable emission limit for that furnace will be suspended until CEMS certification or CEMS re-certification is complete (provided that the seven-day test required for CEMS certification is commenced on the first operating day following the conclusion of the CEMS certification event).

Events that will trigger subsequent CEMS certification (or CEMS re-certification) include any furnace startup or control device startup. Anchor shall commence such CEMS re-certification no later than the first operating day after a furnace startup concludes or a control device startup period concludes. If a furnace startup and a control device startup happen at the same time, then the CEMS re-certification shall not be conducted until the first operating day after the later startup event concludes.

RECORD KEEPING:
The NOX CEMS must monitor and record the hourly NOX emission concentrations (in parts per million (ppm)) during each operating day. The data acquisition and handling system for the CEMS shall convert the ppm values generated by each analyzer into pounds per hour using an O2 CEMS or a flow monitor installed, calibrated, certified, maintained, and operated in accordance with 40 C.F.R. § 60.13 (including but not limited to the 40 C.F.R. § 60.13(h) provisions regarding data reduction, and the provisions for validating partial operating hours which shall apply), 40 C.F.R. Part 60, Appendix B (Performance Specification 3 or 6, as applicable) and 40 C.F.R. Part 60, Appendix F (Quality Assurance Procedures). At the end of each operating day, the data acquisition and handling system shall calculate and record the 24-hour block emission rate for that operating day, and divide the calculated 24-hour block emission rate by the total tons of glass produced during the operating day to describe the pound per ton emission rate for the operating day. The

resulting number, in units of pounds of NOx per ton of glass produced for the applicable operating day, shall also be recorded.

Anchor shall comply with all record keeping requirements in 40 C.F.R. Part 60 as well as 6 NYCRR Part 220-2.4.

Anchor shall record:
-the hourly NOx emissions (lbs per hour) as calculated using CEMS data;
-the daily production rate;
-if applicable, the 30-day Rolling Average Emissions Rate (lbs/ton); and
-all results from source tests

For any operating day(s) that Anchor excludes from the relevant 30-day rolling average emission Rate, it shall record:
-the date;
-the relevant exception pursuant to which Anchor is excluding the emissions generated during that operating day;
-a calculation of the applicable emission limit in pounds of NOx per Day;
-the 24-hour block emission rate calculated using data recorded by the CEMS (in pounds of NOx per Day);
-if it was a malfunction, an explanation and any corrective actions taken; and
if the operating day(s) was excluded for maintenance, the total number of hours during which maintenance occurred.

In addition to the recordkeeping requirements listed above, Anchor must also keep the following records during furnace startup:
-the amount of salt cake added to the batch materials in pounds per ton of total batch material (including cullet);
-the total natural gas usage in that furnace (in million standard cubic feet);
-the excess oxygen percentage (as measured and recorded by the oxygen sensor in the crown of each furnace regenerator at least once per shift);
-hot spot temperature (measured once per shift); and,
-a description of whether thermal blankets or similar techniques were used during this period.

Records or required measurements and any additional parameters required by the department shall be maintained for at least five years and made available to the department upon request.

REPORTING:
Anchor must comply with all reporting requirements in 40 C.F.R. Part 60.13 as well as 6 NYCRR Part 220-2.4.

On a semi-annual basis, Anchor shall tabulate and summarize applicable emissions, monitoring, and operating parameter measurements recorded during the preceding six months, and submit these records to the department. These records shall be submitted in a format acceptable to the department and shall include:
('a') the 30 day rolling average NOx emissions as specified under paragraph (4) of this subdivision;
('b') identification of the operating hours when NOx emissions data are not included in a calculation of the 30 day rolling average emissions and the reasons for not including that data;
('c') a comparison of the NOx emissions to the NOx RACT emissions limit(s);
('d') type and amount of fuel burned on a daily basis and the as burned heat content of the fuel;
('e') the total daily NOx emissions and total daily glass production; and
('f') the results of CEMS accuracy assessments as required by 40 CFR part 60, appendix F and any additional data quality information required by the department.
(d) Protocols, reports, summaries, schedules, and any other information required to be submitted to the department under provisions of this Subpart must be sent (in either hardcopy or electronically) as follows:
(1) one copy to the Division of Air Resources, New York State Department of Environmental Conservation, 625 Broadway, Albany, New York 12233; and
(2) one copy to the regional air pollution control engineer at the 6274 E Avon-Lima Rd, Avon, NY, 14414.

While each SCR is operating, Anchor shall continuously operate and maintain the SCR, including the SCR catalyst, according to all applicable manufacturer's specification and with good air pollution control practices for minimizing emissions consistent with 40 C.F.R. § 60.11(d) in order to minimize NOx emissions to the extent practicable taking into consideration ammonia slip.

MAINTENANCE ON CONTROL DEVICES AND FURNACES:
Any operating day that is excluded from the applicable 30-day rolling average emission rate because of maintenance being performed on a control device or furnace is subject to the following restrictions and must comply with the following requirements:

-Scheduled or preventive furnace maintenance, including checker raking and burning, shall not exceed ninety-six (96) operating hours annually and shall be conducted only when all downstream control devices, if applicable, are operating.
-Scheduled or preventive maintenance of control devices shall occur and shall be completed only while the furnace connected to the control device(s) is not operating, unless the furnace connected to the control device is scheduled to have a continuous operating year. During a continuous operating year, scheduled or preventive maintenance on control devices may be conducted while the furnace connected to the control device(s) is operating. All control device maintenance occurring during a continuous operating year must also be performed in accordance with the following (2) requirements:
(1)-Maintenance lasting greater than twenty-four (24) consecutive hours shall occur only during abnormally low production rate days.
(2)-Bypassing of any control device or control devices for the purpose of preventive maintenance shall not exceed one hundred forty-four (144) total hours per calendar year, per furnace for NOx

Manufacturer Name/Model Number: CEM TBD
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 1.2 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:40CFR 60.292, NSPS Subpart CC

Item 42.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 10000

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

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

LIMIT:
The standard for particulate matter applicable to furnace #1 under 40 CFR 60.292(a)(1) is 0.1 grams of filterable particulate matter per kilogram of glass produced. This limit is equivalent to 0.2 pounds of filterable particulate matter per ton of glass produced.

Furnace #1 shall not exceed 0.2 pounds of filterable particulate emissions per ton of glass produced.

Anchor shall pass all stack gases through a particulate control device except during: the first seven (7) days of furnace startup; control device startup; malfunction of the control device; or maintenance of the control device.

At all times Anchor shall maintain and operate all furnaces, all control devices, and any other associated air pollution control equipment in accordance with 40 C.F.R. § 60.11(d). Anchor shall operating and maintain the particulate control system according to all applicable manufacturer's specifications and with good air pollution control practices for minimizing emissions consistent with 40 C.F.R. § 60.11(d).

STACK TESTING:
Anchor shall demonstrate compliance with the emission limits through annual stack tests and using EPA Test Method 5 (40 C.F.R. Part 60, Appendix A-3) and EPA Test Method 202 (40 C.F.R. Part 51, Appendix M). Anchor will conduct an initial stack test within 6 months of furnace #1 startup and then test once each calendar year. Anchor shall determine compliance with the particulate matter standards in §60.292 by following the procedures in §60.296(d)(1),(2), (3) and(4).

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test

run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a furnace startup, a control device startup, a malfunction of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition.

MAINTENANCE ON CONTROL DEVICES AND FURNACES:
-Per §60.292(e) during routine maintenance of add-on pollution controls, Anchor is exempt from the filterable particulate emission limit if:

(1) Routine maintenance in each calendar year does not exceed 6 days;

(2) Routine maintenance is conducted in a manner consistent with good air pollution control practices for minimizing emissions; and

(3) A report is submitted to the Administrator 10 days before the start of the routine maintenance (if 10 days cannot be provided, the report must be submitted as soon as practicable) and the report contains an explanation of the schedule of the maintenance.

-Bypassing of any control device or control devices for the purpose of preventive maintenance shall not exceed six (6) days per calendar year, per furnace for PM (in accordance with NSPS Subpart CC.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.20 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 5
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 2/29/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 201-6.4

Item 43.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 20000

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

Item 43.2:
Compliance Certification shall include the following monitoring:

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

LIMIT:
Furnace #2 shall not exceed 1.00 pounds of total particulate matter per ton of glass produced.

This particulate limits satisfies the consent decree with respect to emissions of particulates and also complies with NYS Part 212 particulate emissions requirements.

At all times Anchor shall maintain and operate furnace #2 according to all applicable manufacturer's specifications and with good engineering practices for minimizing emissions consistent with 40 C.F.R. § 60.11(d).

STACK TESTING:
Anchor shall demonstrate compliance with the emission limit through annual stack tests and using EPA Test Method 202 (40 C.F.R. Part 60, Appendix A-3). Anchor will conduct a stack test once each calendar year.

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a furnace startup, a control device startup, a malfunction of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition.

Manufacturer Name/Model Number: COM TBD
Parameter Monitored: PARTICULATES
Upper Permit Limit: 1.0 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 202
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 2/29/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-1.5 (d)

Item 44.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 20000

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

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

FLINT GLASS SO2 LIMIT:
Furnace #2 shall not exceed the 30-day rolling average emission limit of 1.80 pounds of SO2 per ton of flint glass produced, as measured using a certified SO2 CEMS. Calculation of the 30-day rolling average emission rate may exclude may exclude emissions during the following periods: furnace startup, abnormally low production rate days; malfunction of the furnace; maintenance of the furnace; and color transition.

This limit satisfies SO2 BACT for furnace #2, an existing furnce. After the next cold tank repair, but no later than the December 31, 2027-December 31, 2029 (see consent decree) Anchor will comply with Table 3 of 6NYCRR Part 212 or install BACT for SO2, which is, at this time as described in this permit, 0.70 pounds of SO2 per ton of glass produced.

At all times Anchor shall maintain and operate the furnace in accordance with 40 C.F.R. § 60.11(d) and utilize technologies and methods in order to reduce SO2 emissions, including reduction in the amount of sulfur in the batch formulas, to remain in compliance with applicable emission limitations.

EXCEPTIONS:
During the first seven days of furnace startup (the period of time during which a furnace's refractory is heated from ambient temperature to operating temperature), Anchor shall limit the amount of sulfur added to the batch materials to 2.6 pounds per ton of total batch material (including cullet) or less.

For any abnormally low production rate days (any operating day where glass production at furnace #2 occurs at or below the rate of 138.6 tons/day for at least one continuous hour, which reflects thirty-five (35) percent of the permitted production rate), Anchor may elect to exclude that day and the emissions generated during that day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate as an abnormally low production rate day, the 24-hour block emission rate from furnace #2 shall not exceed 712.8 pounds of SO2. The 24-hour block emission rate shall mean the emission rate calculated by averaging all valid one-hour emissions data outputs (pounds per hour) for a given operating day (any day where any fuel is fired in this furnace), multiplying that average by the number of minutes the relevant furnace operated that operating day, and then dividing by 60.

For any operating day during which a malfunction of the furnace system occurs for any time period, Anchor may elect to exclude that day and the emissions generated during that operating day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate for such a malfunction, the 24-hour block emission rate shall not exceed 891 pounds of SO2.

For any operating day during which maintenance activities on the scrubber system are performed, Anchor may elect to exclude the emissions generated during that maintenance day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate for such maintenance, the 24-hour block emission rate shall not exceed 37.1 pounds of SO2 times the maintenance hours plus 29.7 pounds of SO2 times the non maintenance hours.

For any operating days during which a color transition is occurring, Anchor may elect to exclude the emissions on such days from the 30-day rolling average emission rate. Color transition shall mean the period from the time when a glass color of an oxidation state that differs from that previously melted in the Furnace, is introduced to the Furnace, to the time when saleable glass bottles are being produced in the new color. The color transition period shall not last more than seven days. For any day excluded from the 30-day rolling average emission rate for color transition, the 24-hour block emission rate shall not exceed 1425.6 pounds of SO2.

STACK TESTING:
Prior to SO2 CEMS installation and certification, compliance with the SO2 emission limit shall be demonstrated by conducting an EPA Method 6C (40 C.F.R. Part 60, Appendix A) source test. Testing shall be conducted initially no later than March 26, 2019 and once each calendar year thereafter until SO2 CEMS are installed and certified. A source test is not required the year that a SO2 CEMS is installed.

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an

additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a furnace startup, a control device startup, a malfunction of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition.

CEMS:
Anchor shall install, calibrate, certify, maintain, and operate SO2 CEMS in accordance with the provisions of 40 CFR part 60, appendices B and F no later than September 26, 2020.

After the date by which a CEMS is required to be installed at a furnace, and except during analyzer malfunctions, repairs, and required quality assurance or quality control activities (including calibration checks, and required zero and span adjustments), the SO2 CEMS shall be in continuous operation. Anchor shall take all steps necessary to minimize CEMS downtime. This shall include, but is not limited to, operating and maintaining the CEMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs to the equipment.

Anchor shall not perform CEMS certification or CEMS re-certifications during abnormally low production rate days, furnace startup, control device startup, malfunction of any furnace, malfunction of any control device, maintenance of any furnace, maintenance of any control device, or color transition. If a CEMS certification event occurs at a furnace, the requirement to demonstrate compliance continuously with the applicable emission limit for that furnace will be suspended until CEMS certification or CEMS re-certification is complete (provided that the seven-day test required for CEMS certification is commenced on the first operating day following the conclusion of the CEMS certification event).

Events that will trigger subsequent CEMS certification (or CEMS re-certification) include any furnace startup or control device dtartup. Anchor shall commence such CEMS re-certification no later than the first operating day after a furnace startup concludes or a control device startup period concludes. If a furnace startup and a control device startup happen at the same time, then the CEMS re-certification shall not be conducted until the

first operating day after the later startup event concludes.

MONITORING AND RECORD KEEPING:
The SO2 CEMS must monitor and record the hourly SO2 emission concentrations (in parts per million (ppm)) during each operating day. The data acquisition and handling system for the CEMS shall convert the ppm values generated by each analyzer into pounds per hour using an O2 CEMS or a flow monitor installed, calibrated, certified, maintained, and operated in accordance with 40 C.F.R. § 60.13 (including but not limited to the 40 C.F.R. § 60.13(h) provisions regarding data reduction, and the provisions for validating partial operating hours which shall apply), 40 C.F.R. Part 60, Appendix B (Performance Specification 3 or 6, as applicable) and 40 C.F.R. Part 60, Appendix F (Quality Assurance Procedures). At the end of each operating day, the data acquisition and handling system shall calculate and record the 24-hour block emission rate for that operating day, and divide the calculated 24-hour block emission rate by the total tons of glass produced during the operating day to describe the pound per ton emission rate for the operating day. The resulting number, in units of pounds of pollutant per ton of glass produced for the applicable operating day, shall also be recorded.

Anchor shall comply with all record keeping requirements in 40 C.F.R. Part 60.

Anchor shall record:
-the hourly SO2 emissions (lbs per hour) as calculated using CEMS data;
-the daily production rate;
-the 30-day rolling average emissions rate (lbs/ton); and
-all results from source tests

For any operating day(s) that Anchor excludes from the relevant 30-day rolling average emission Rate, it shall record:
-the date;
-the relevant exception pursuant to which Anchor is excluding the emissions generated during that operating day;
-a calculation of the applicable emission limit in pounds of SO2 per Day;
-the 24-hour block emission rate calculated using data recorded by the CEMS (in pounds of SO2 per Day);
-if it was a malfunction, an explanation and any corrective actions taken; and
if the operating day(s) was excluded for maintenance, the

total number of hours during which maintenance occurred.

Records or required measurements and any additional parameters required by the department shall be maintained for at least five years and made available to the department upon request.

REPORTING:
Anchor must comply with all reporting requirements in 40 C.F.R. Part 60.13.

MAINTENANCE ON CONTROL DEVICES AND FURNACES:
Any operating day that is excluded from the applicable 30-day rolling average emission rate because of maintenance being performed is subject to the following restrictions and must comply with the following requirements:
-Scheduled or preventive furnace maintenance, including checker raking and burning, shall not exceed ninety-six (96) operating hours annually and shall be conducted only when all downstream control devices, if applicable, are operating.
-Scheduled or preventive maintenance of control devices shall occur and shall be completed only while the furnace connected to the control device(s) is not operating, unless the furnace connected to the control device is scheduled to have a continuous operating year. During a continuous operating year, scheduled or preventive maintenance on control devices may be conducted while the furnace connected to the control device(s) is operating. All control device maintenance occurring during a continuous operating year must also be performed in accordance with the following (2) requirements:
(1)-Maintenance lasting greater than twenty-four (24) consecutive hours shall occur only during abnormally low production rate days.
(2)-Bypassing of any control device or control devices for the purpose of preventive maintenance shall not exceed one hundred forty-four (144) total hours per calendar year, per furnace for SO2.

Manufacturer Name/Model Number: CEM TBD
Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 1.8 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 6C
Monitoring Frequency: CONTINUOUS
Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.

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

Condition 45: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-1.5 (d)

Item 45.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 20000

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

Item 45.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
COLORED GLASS SO2 LIMIT:
Furnace #2 shall not exceed the 30-day rolling average emission limit of 2.10 pounds of SO2 per ton of colored glass produced, as measured using a certified SO2 CEMS. Calculation of the 30-day rolling average emission rate may exclude emissions during the following periods: furnace startup, abnormally low production rate days; malfunction of the furnace; maintenance of the furnace; and color transition.

This limit satisfies SO2 BACT for furnace #2, an existing furnce. After the next cold tank repair, but no later than the December 31, 2027-December 31, 2029 (see consent decree) Anchor will comply with Table 3 of 6NYCRR Part 212 or install BACT for SO2, which is, at this time as described in this permit, 0.70 pounds of SO2 per ton of glass produced.

At all times Anchor shall maintain and operate the furnace in accordance with 40 C.F.R. § 60.11(d) and utilize technologies and methods in order to reduce SO2 emissions, including reduction in the amount of sulfur in the batch formulas, to remain in compliance with applicable emission limitations.

EXCEPTIONS:
During the first seven days of furnace startup (the period of time during which a furnace's refractory is heated from ambient temperature to operating temperature), Anchor shall limit the amount of sulfur added to the batch materials to 2.6 pounds per ton of total batch material

(including cullet) or less.

For any abnormally low production rate days (any operating day where glass production at furnace #2 occurs at or below the rate of 138.6 tons/day for at least one continuous hour, which reflects thirty-five (35) percent of the permitted production rate), Anchor may elect to exclude that day and the emissions generated during that day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate as an abnormally low production rate day, the 24-hour block emission rate from furnace #2 shall not exceed 831.6 pounds of SO2. The 24-hour block emission rate shall mean the emission rate calculated by averaging all valid one-hour emissions data outputs (pounds per hour) for a given operating day (any day where any fuel is fired in this furnace), multiplying that average by the number of minutes the relevant furnace operated that operating day, and then dividing by 60.

For any operating day during which a malfunction of the furnace system occurs for any time period, Anchor may elect to exclude that day and the emissions generated during that operating day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate for such a malfunction, the 24-hour block emission rate shall not exceed 1039.5 pounds of SO2.

For any operating day during which maintenance activities on the scrubber system are performed, Anchor may elect to exclude the emissions generated during that maintenance day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate for such maintenance, the 24-hour block emission rate shall not exceed 43.3 pounds of SO2 times the maintenance hours plus 34.7 pounds of SO2 times the non maintenance hours.

For any operating days during which a color transition is occurring, Anchor may elect to exclude the emissions on such days from the 30-day rolling average emission rate. Color transition shall mean the period from the time when a glass color of an oxidation state that differs from that previously melted in the Furnace, is introduced to the Furnace, to the time when saleable glass bottles are being produced in the new color. The color transition period shall not last more than seven days. For any day excluded from the 30-day rolling average emission rate for color transition, the 24-hour block emission rate shall not exceed 1663.2 pounds of SO2.

STACK TESTING:
Prior to SO2 CEMS installation and certification, compliance with the SO2 emission limit shall be demonstrated by conducting an EPA Method 6C (40 C.F.R. Part 60, Appendix A) source test. Testing shall be conducted initially no later than March 26, 2019 and once each calendar year thereafter until SO2 CEMS are installed and certified. A source test is not required the year that a SO2 CEMS is installed.

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a furnace startup, a control device startup, a malfunction of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition.

CEMS:
Anchor shall install, calibrate, certify, maintain, and operate SO2 CEMS in accordance with the provisions of 40 CFR part 60, appendices B and F no later than September 26, 2020.

After the date by which a CEMS is required to be installed at a furnace, and except during analyzer malfunctions, repairs, and required quality assurance or quality control activities (including calibration checks, and required zero and span adjustments), the SO2 CEMS shall be in continuous operation. Anchor shall take all steps necessary to minimize CEMS downtime. This shall include, but is not limited to, operating and maintaining the CEMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs to the equipment.

Anchor shall not perform CEMS certification or CEMS re-certifications during abnormally low production rate days, furnace startup, control device startup, malfunction of any furnace, malfunction of any control device,

maintenance of any furnace, maintenance of any control device, or color transition. If a CEMS certification event occurs at a furnace, the requirement to demonstrate compliance continuously with the applicable emission limit for that furnace will be suspended until CEMS certification or CEMS re-certification is complete (provided that the seven-day test required for CEMS certification is commenced on the first operating day following the conclusion of the CEMS certification event).

Events that will trigger subsequent CEMS certification (or CEMS re-certification) include any furnace startup or control device startup. Anchor shall commence such CEMS re-certification no later than the first operating day after a furnace startup concludes or a control device startup period concludes. If a furnace startup and a control device startup happen at the same time, then the CEMS re-certification shall not be conducted until the first operating day after the later startup event concludes.

MONITORING AND RECORD KEEPING:
The SO2 CEMS must monitor and record the hourly SO2 emission concentrations (in parts per million (ppm)) during each operating day. The data acquisition and handling system for the CEMS shall convert the ppm values generated by each analyzer into pounds per hour using an O2 CEMS or a flow monitor installed, calibrated, certified, maintained, and operated in accordance with 40 C.F.R. § 60.13 (including but not limited to the 40 C.F.R. § 60.13(h) provisions regarding data reduction, and the provisions for validating partial operating hours which shall apply), 40 C.F.R. Part 60, Appendix B (Performance Specification 3 or 6, as applicable) and 40 C.F.R. Part 60, Appendix F (Quality Assurance Procedures). At the end of each operating day, the data acquisition and handling system shall calculate and record the 24-hour block emission rate for that operating day, and divide the calculated 24-hour block emission rate by the total tons of glass produced during the operating day to describe the pound per ton emission rate for the operating day. The resulting number, in units of pounds of pollutant per ton of glass produced for the applicable operating day, shall also be recorded.

Anchor shall comply with all record keeping requirements in 40 C.F.R. Part 60.

Anchor shall record:
-the hourly SO2 emissions (lbs per hour) as calculated using CEMS data;

-the daily production rate;
-the 30-day rolling average emissions rate (lbs/ton);
and
-all results from source tests

For any operating day(s) that Anchor excludes from the relevant 30-day rolling average emission Rate, it shall record:
-the date;
-the relevant exception pursuant to which Anchor is excluding the emissions generated during that operating day;
-a calculation of the applicable emission limit in pounds of SO2 per Day;
-the 24-hour block emission rate calculated using data recorded by the CEMS (in pounds of SO2 per Day);
-if it was a malfunction, an explanation and any corrective actions taken; and
if the operating day(s) was excluded for maintenance, the total number of hours during which maintenance occurred.

Records or required measurements and any additional parameters required by the department shall be maintained for at least five years and made available to the department upon request.

REPORTING:
Anchor must comply with all reporting requirements in 40 C.F.R. Part 60.13.

MAINTENANCE ON CONTROL DEVICES AND FURNACES:
Any operating day that is excluded from the applicable 30-day rolling average emission rate because of maintenance being performed is subject to the following restrictions and must comply with the following requirements:
-Scheduled or preventive furnace maintenance, including checker raking and burning, shall not exceed ninety-six (96) operating hours annually and shall be conducted only when all downstream control devices, if applicable, are operating.
-Scheduled or preventive maintenance of control devices shall occur and shall be completed only while the furnace connected to the control device(s) is not operating, unless the furnace connected to the control device is scheduled to have a continuous operating year. During a continuous operating year, scheduled or preventive maintenance on control devices may be conducted while the furnace connected to the control device(s) is operating. All control device maintenance occurring during a continuous operating year must also be performed in

accordance with the following (2) requirements:
(1)-Maintenance lasting greater than twenty-four (24) consecutive hours shall occur only during abnormally low production rate days.
(2)-Bypassing of any control device or control devices for the purpose of preventive maintenance shall not exceed one hundred forty-four (144) total hours per calendar year, per furnace for SO2.

Manufacturer Name/Model Number: CEM TBD
Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 2.1 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 6C
Monitoring Frequency: CONTINUOUS
Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 220-2.4 (b)

Item 46.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 20000

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

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
LIMIT:
Furnace #2 shall not exceed the 30-day rolling average emission limit of 4.50 pounds of NOx per ton of glass produced, as measured using a certified NOx CEMS. Calculation of the 30-day rolling average emission rate may exclude emissions during abnormally low production rate days.

This interim limit satisfies the consent decree and establishes the NOx RACT emission limit for furnace #2, an existing glass furnace. The RACT limit will be submitted to EPA for approval as a source-specific SIP revision. In addition, after the next cold tank repair which will occur

no later than the December 31,2029, Anchor will meet the same NOx RACT limits as furnace #1.

At all times Anchor shall maintain and operate all furnaces, all control devices, and any other associated air pollution control equipment in accordance with 40 C.F.R. § 60.11(d).

EXCEPTIONS:
For any abnormally low production rate days (any operating day where glass production at a furnace occurs at or below the rate of 138.6 tons/day for at least one continuous hour, which reflects thirty-five (35) percent of the permitted production rate), Anchor may elect to exclude that day and the emissions generated during that day from the 30-day rolling average emission rate. For any day excluded from the 30-day rolling average emission rate as an abnormally low production rate day, the 24-hour block emission rate from furnace #1 shall not exceed 1782 pounds of NOx. The 24-hour block emission rate shall mean the emission rate calculated by averaging all valid one-hour emissions data outputs (pounds per hour) for a given operating day (any day where any fuel is fired in this furnace), multiplying that average by the number of minutes the relevant furnace operated that operating day, and then dividing by 60.

STACK TESTING:
Prior to NOX CEMS installation and certification, compliance with the NOX emission limit shall be demonstrated by conducting an EPA Method 7E (40 C.F.R. Part 60, Appendix A) source test. Testing shall be conducted initially no later than March 26, 2019 and once each Calendar Year thereafter until NOX CEMS are installed and certified. A source test is not required the year that a NOX CEMS is installed.

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a furnace startup, a control device startup, a malfunction

of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition.

CEMS:
Anchor shall install, calibrate, certify, maintain, and operate NOx CEMS in accordance with both the provisions of 40 CFR part 60, appendices B and F, as well as 6 NYCRR Part 220-2.4 no later than September 26, 2020.

After CEMS installation on furnace #2 and except during analyzer malfunctions, repairs, and required quality assurance or quality control activities (including calibration checks, and required zero and span adjustments), the NOX CEMS shall be in continuous operation. Anchor shall take all steps necessary to minimize CEMS downtime. This shall include, but is not limited to, operating and maintaining the CEMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs to the equipment.

Anchor shall not perform CEMS certification or CEMS re-certifications during abnormally low production rate days, furnace startup, control device startup, malfunction of any furnace, malfunction of any control device, maintenance of any furnace, maintenance of any control device, or color transition. If a CEMS certification event occurs at any Furnace, the requirement to demonstrate compliance continuously with the applicable emission limit for that furnace will be suspended until CEMS certification or CEMS re-certification is complete (provided that the seven-day test required for CEMS certification is commenced on the first operating day following the conclusion of the CEMS certification event).

Events that will trigger subsequent CEMS certification (or CEMS re-certification) include any furnace startup or control device startup. Anchor shall commence such CEMS re-certification no later than the first operating day after a furnace startup concludes or a control device startup period concludes. If a furnace startup and a control device startup happen at the same time, then the CEMS re-certification shall not be conducted until the first operating day after the later startup event concludes.

RECORD KEEPING:
The NOX CEMS must monitor and record the hourly NOX emission concentrations (in parts per million (ppm)) during each operating day. The data acquisition and

handling system for the CEMS shall convert the ppm values generated by each analyzer into pounds per hour using an O2 CEMS or a flow monitor installed, calibrated, certified, maintained, and operated in accordance with 40 C.F.R. § 60.13 (including but not limited to the 40 C.F.R. § 60.13(h) provisions regarding data reduction, and the provisions for validating partial operating hours which shall apply), 40 C.F.R. Part 60, Appendix B (Performance Specification 3 or 6, as applicable) and 40 C.F.R. Part 60, Appendix F (Quality Assurance Procedures). At the end of each operating day, the data acquisition and handling system shall calculate and record the 24-hour block emission rate for that operating day, and divide the calculated 24-hour block emission rate by the total tons of glass produced during the operating day to describe the pound per ton emission rate for the operating day. The resulting number, in units of pounds of NOx per ton of glass produced for the applicable operating day, shall also be recorded.

Anchor shall comply with all record keeping requirements in 40 C.F.R. Part 60 as well as 6 NYCRR Part 220-2.4.

Anchor shall record:
-the hourly NOx emissions (lbs per hour) as calculated using CEMS data;
-the daily production rate;
-if applicable, the 30-day rolling average emissions rate (lbs/ton); and
-all results from source tests

For any operating day(s) that Anchor excludes from the relevant 30-day rolling average emission Rate, it shall record:
-the date;
-the relevant exception pursuant to which Anchor is excluding the emissions generated during that operating day;
-a calculation of the applicable emission limit in pounds of NOx per Day;
-the 24-hour block emission rate calculated using data recorded by the CEMS (in pounds of NOx per Day);

In addition to the recordkeeping requirements listed above, Anchor must also keep the following records during furnace startup:
-the amount of salt cake added to the batch materials in pounds per ton of total batch material (including cullet);
-the total natural gas usage in that furnace (in million standard cubic feet);

-the excess oxygen percentage (as measured and recorded by the oxygen sensor in the crown of each furnace regenerator at least once per shift);
-hot spot temperature (measured once per shift); and,
-a description of whether thermal blankets or similar techniques were used during this period.

Records or required measurements and any additional parameters required by the department shall be maintained for at least five years and made available to the department upon request.

REPORTING:
Anchor must comply with all reporting requirements in 40 C.F.R. Part 60.13 as well as 6 NYCRR Part 220-2.4.

On a semi-annual basis, Anchor shall tabulate and summarize applicable emissions, monitoring, and operating parameter measurements recorded during the preceding six months, and submit these records to the department. These records shall be submitted in a format acceptable to the department and shall include:
(‘a’) the 30 day rolling average NOx emissions as specified under paragraph (4) of this subdivision;
(‘b’) identification of the operating hours when NOx emissions data are not included in a calculation of the 30 day rolling average emissions and the reasons for not including that data;
(‘c’) a comparison of the NOx emissions to the NOx RACT emissions limit(s);
(‘d’) type and amount of fuel burned on a daily basis and the as burned heat content of the fuel;
(‘e’) the total daily NOx emissions and total daily glass production; and
(‘f’) the results of CEMS accuracy assessments as required by 40 CFR part 60, appendix F and any additional data quality information required by the department.
(d) Protocols, reports, summaries, schedules, and any other information required to be submitted to the department under provisions of this Subpart must be sent (in either hardcopy or electronically) as follows:
(1) one copy to the Division of Air Resources, New York State Department of Environmental Conservation, 625 Broadway, Albany, New York 12233; and
(2) one copy to the regional air pollution control engineer at the 6274 E Avon-Lima Rd, Avon, NY, 14414.

MAINTENANCE ON CONTROL DEVICES AND FURNACES:
Any operating day that is excluded from the applicable 30-day rolling average emission rate because of maintenance being performed is subject to the following

restrictions and must comply with the following requirements:
-Scheduled or preventive furnace maintenance, including checker raking and burning, shall not exceed ninety-six (96) operating hours annually and shall be conducted only when all downstream control devices, if applicable, are operating.
-Scheduled or preventive maintenance of control devices shall occur and shall be completed only while the furnace connected to the control device(s) is not operating, unless the furnace connected to the control device is scheduled to have a continuous operating year. During a continuous operating year, scheduled or preventive maintenance on control devices may be conducted while the furnace connected to the control device(s) is operating. All control device maintenance occurring during a continuous operating year must also be performed in accordance with the following (2) requirements:
(1)-Maintenance lasting greater than twenty-four (24) consecutive hours shall occur only during abnormally low production rate days.
(2)-Bypassing of any control device or control devices for the purpose of preventive maintenance shall not exceed one hundred forty-four (144) total hours per calendar year, per furnace for NOx.

Manufacturer Name/Model Number: CEM TBD
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 4.5 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:40CFR 60.293, NSPS Subpart CC

Item 47.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00001
Process: O1A Emission Source: 20000

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

Item 47.2:
Compliance Certification shall include the following monitoring:

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

LIMIT:
The standard for particulate matter applicable to furnace #2 under 40 CFR 60.293(b)(1) is 0.5 grams of filterable particulate matter per kilogram of glass produced. This limit is equivalent to 1.0 pounds of filterable particulate matter per ton of glass produced.

Furnace #2 shall not exceed 1.0 pounds of filterable particulate emissions per ton of glass produced.

This NSPS particulate limits satisfies the consent decree with respect to emissions of particulates and also complies with NYS Part 212 particulate emissions requirements.

At all times Anchor shall maintain and operate furnace #2 according to all applicable manufacturer's specifications and with good engineering practices for minimizing emissions consistent with 40 C.F.R. § 60.11(d).

STACK TESTING:
Anchor shall demonstrate compliance with the emission limit through annual stack tests and using EPA Test Method 5 (40 C.F.R. Part 60, Appendix A-3). Anchor will conduct a stack test once each calendar year. Anchor shall determine compliance with the particulate matter standards in §60.293 by following the procedures in §60.296(d)(1),(2), (3) and(4).

All source/stack tests shall be conducted in accordance with the requirements of the specified Test Method and shall be performed under representative operating conditions or applicable state requirements for the furnace being tested. Each test shall comprise at least three (3) valid one-hour stack test runs. Anchor shall discard any invalid test runs, such as those that are compromised because of sample contamination. If a test run is discarded, Anchor shall replace it with an additional valid test run. Anchor shall report the results of the discarded test runs to EPA and shall provide all information necessary to document why the test run was not valid. Source/stack testing shall not be conducted during abnormally low production rate days, a

furnace startup, a control device startup, a malfunction of the furnace or relevant control device, maintenance of the furnace or relevant control device, or color transition. Per §60.293(f) test methods and procedures as specified in §60.296 shall be used to determine compliance except that to determine compliance for any glass melting furnace using modified processes and fired with either a gaseous fuel or a liquid fuel containing less than 0.50 weight percent sulfur, Method 5 shall be used with the probe and filter holder heating system in the sampling train set to provide a gas temperature of 120 ±14 °C (248 ±25 °F).

COMS:
Per §60.293(c)(1), Anchor shall Install, calibrate, maintain, and operate a continuous monitoring system for the measurement of the opacity of emissions discharged into the atmosphere from the affected facility, in accordance with the provisions of 40 CFR part 60, appendices B and F no later than September 26, 2020. Except during analyzer malfunctions, repairs, and required quality assurance or quality control activities (including calibration checks, and required zero and span adjustments), the COMS shall be in continuous operation. Anchor shall take all steps necessary to minimize COMS downtime. This shall include, but is not limited to, operating and maintaining the COMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs to the equipment. Anchor will certify the COMS per 40 C.F.R. § 60.293 and determine, based on the 6-minute opacity averages, the opacity value corresponding to the 99 percent upper confidence level of a normal distribution of average opacity values. The COMS certification cannot occur during periods of abnormally low production rate days, furnace startup, control device startup, malfunction of any furnace, malfunction of any control device, maintenance of any furnace, maintenance of any control device, or color transition. Anchor shall install, calibrate, certify, maintain, and operate COMS as follows:
a. Anchor shall install, calibrate, certify, maintain, and operate continuously a COMS during each operating day in accordance with Performance Specification 1 and 40 C.F.R. Part 60, Appendix B; and
b. Anchor must comply with all monitoring, record keeping and reporting requirements in 40 C.F.R. § 60.13 and 40 C.F.R. Part 60, Appendix B (Performance Specification 1).

COMS CERTIFICATION:
Per §60.293(c)(2), Anchor shall conduct continuous opacity

monitoring during each test run. Per §60.293(c)(3), Anchor shall calculate 6-minute opacity averages from 24 or more data points equally spaced over each 6-minute period during the test runs. Per §60.293(c)(4) Anchor shall determine, based on the 6-minute opacity averages, the opacity value corresponding to the 99 percent upper confidence level of a normal distribution of average opacity values. Per §60.293(e) Anchor may redetermine the opacity value corresponding to the 99 percent upper confidence level as described in paragraph (c)(4) of this section if the owner or operator:

(1) Conducts continuous opacity monitoring during each test run of a performance test that demonstrates compliance with an emission limit of paragraph (b) of this section,

(2) Recalculates the 6-minute opacity averages as described in paragraph §60.293(c)(3), and

(3) Uses the redetermined opacity value corresponding to the 99 percent upper confidence level for the purposes of paragraph §60.293(c)(5).

REPORTING:
Per §60.293(c)(5), Anchor will report to the Administrator as excess emissions all of the 6-minute periods during which the average opacity, as measured by the continuous monitoring system, exceeds the opacity value corresponding to the 99 percent upper confidence level determined during COMS certification.

Manufacturer Name/Model Number: COM TBD
Parameter Monitored: PARTICULATES
Upper Permit Limit: 1.0 pounds per ton
Reference Test Method: 40 CFR part 60, App A, Method 5
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 2/29/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-2.4 (b)

Item 48.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00002
Process: OO2 Emission Source: 24A00

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

Item 48.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
This process is the shredding. Anchor Glass will maintain the dust collector identified as ES 24A00 in accordance with the manufacturers' specifications. The pressure drop across the bags shall be maintained between 1.0-3.9 inches of water. Immediate corrective action should be taken if the pressure drop falls outside of this operating range or deviates significantly from the expected values. Pressure drop shall be monitored and recorded weekly during a material transfer. Records are to be initialed by the operator, kept on site, and made available for inspection by the Department.

Manufacturer Name/Model Number: FlexKleen/84 BVS-9
Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 1.0 inches of water
Upper Permit Limit: 3.9 inches of water
Monitoring Frequency: WEEKLY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-2.4 (b)

Item 49.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00002
Process: OO2 Emission Source: 25A00

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

Item 49.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Anchor Glass will maintain the dust collector identified as ES 25A00 in accordance with the manufacturers' specifications. The pressure drop across the bags shall be maintained between 1.0-3.9 inches of water. Immediate corrective action should be taken if the pressure drop falls outside of this operating range or deviates significantly from the expected values. Pressure drop shall be monitored and recorded weekly during a material transfer. Records are to be initialed by the operator, kept on site, and made available for inspection by the Department.

Manufacturer Name/Model Number: FlexKleen/84 BVS-9
Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 1.0 inches of water
Upper Permit Limit: 3.9 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Compliance Certification

Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-2.4 (b)

Item 50.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00002
Process: OO2 Emission Source: 27A00

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

Item 50.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Anchor Glass will maintain the dust collector identified as ES 24A00 in accordance with the manufacturers' specifications. The pressure drop across the bags shall be maintained between 2.0-6.9 inches of water. Immediate corrective action should be taken if the pressure drop falls outside of this operating range or deviates significantly from the expected values. Pressure drop shall be monitored and recorded weekly during a material transfer. Records are to be initialed by the operator, kept on site, and made available for inspection by the Department.

Manufacturer Name/Model Number: FlexKleen/84 BVS-16
Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 2.0 inches of water
Upper Permit Limit: 6.9 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-2.4 (b)

Item 51.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: OO2 Emission Source: 4A000

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

Item 51.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Anchor Glass will maintain the dust collector identified as ES 4A000 in accordance with the manufacturers' specifications. The pressure drop across the bags shall be maintained between 4.0-10.0 inches of water. Immediate corrective action should be taken if the pressure drop falls outside of this operating range or deviates significantly from the expected values. Pressure drop shall be monitored and recorded weekly during a material transfer. Records are to be initialed by the operator, kept on site, and made available for inspection by the Department.

Manufacturer Name/Model Number: Carter Day Dust Filter
Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 4.0 inches of water
Upper Permit Limit: 10.0 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable Federal Requirement:6 NYCRR 212-2.4 (b)

Item 52.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00002
Process: OO2 Emission Source: 9A000

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

Item 52.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Anchor Glass will maintain the dust collector identified as ES 9A000 in accordance with the manufacturers' specifications. The pressure drop across the bags shall be maintained between 4.0-10.0 inches of water. Immediate corrective action should be taken if the pressure drop falls outside of this operating range or deviates significantly from the expected values. Pressure drop shall be monitored and recorded weekly during a material transfer. Records are to be initialed by the operator, kept on site, and made available for inspection by the Department.

Manufacturer Name/Model Number: FlexKleen 84WRT-48
Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 4.0 inches of water
Upper Permit Limit: 10.0 inches of water
Monitoring Frequency: WEEKLY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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

Item 53.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00006
Process: 006 Emission Source: BOIL1

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

Item 53.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. The

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies once per month when the combustion installation is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations, any required follow-up method 9 tests, investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 10/02/2019 and 10/01/2024

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

Item 54.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00006
Process: 006 Emission Source: BOIL1

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

Item 54.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 12 calendar month(s).

STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

Item A: 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: **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 55: Contaminant List
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable State Requirement:ECL 19-0301

Item 55.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0
Name: CARBON MONOXIDE

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

CAS No: 007664-41-7
Name: AMMONIA

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

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

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

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

CAS No: 0NY750-00-0
Name: CARBON DIOXIDE EQUIVALENTS

CAS No: 0NY998-00-0
Name: VOC

Condition 56: Malfunctions and start-up/shutdown activities
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable State Requirement:6 NYCRR 201-1.4

Item 56.1:
(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.

Condition 57: Air pollution prohibited
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable State Requirement:6 NYCRR 211.1

Item 57.1:
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 58: Ambient Air Quality Standards - Fluorides
Effective between the dates of 10/02/2019 and 10/01/2024

Applicable State Requirement:6 NYCRR 257-8.3 (b)

Item 58.1:
The facility owner or operator must meet the ambient air quality standards for gaseous emissions of fluorides (measured as F - all levels) listed below. All standards are measured at 25 degrees Centigrade and 760 mm of mercury.

(1) 12 hour averages less than 4.5 ppb (3.7 µg/m3);

(2) 24 hour averages less than 3.5 ppb (2.85 µg/m3);

(3) 1 week averages less than 2.0 ppb (1.65 µg/m3); and

(4) 1 month averages less than 1.0 ppb (0.8 µg/m3).

The facility owner or operator shall collect and analyze gaseous fluorides using methods acceptable to the Department.