

Facility DEC ID: 7055200004

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-0552-00004/00019
Effective Date: 03/20/2024 Expiration Date: 03/19/2029

Permit Issued To: OWENS-BROCKWAY GLASS CONTAINER INC
1 MICHAEL OWENS WAY
PERRYSBURG, OH 43551-2999

Contact: Dennis J Beunger
7134 County House Rd
Auburn, NY 13021
(419) 450-6114

Facility: OWENS-BROCKWAY GLASS CONTAINER INC
7134 COUNTY HOUSE RD
AUBURN, NY 13021

Description:

Application for a renewal of the Title V permit.

Owens is proposing to undertake a furnace rebuild project. The overall purpose is to rebuild "A" furnace and incorporate into the design Oxygen/Gas technology which is Reasonably Available Control Technology (RACT) for nitrogen oxide emissions (NOx) from a glass furnace. Additionally, the facility is installing a dry scrubber on the furnace for the control of PM and SO2 emissions.

The current furnace A will remain operational until such time that it is taken offline to be replaced by furnace A2. Owens expects this transition period to be no more than 45 days.

The facility is also installing baghouses on raw material handling processes that will be exhausted indoors and a vacuum swing adsorption oxygen plant to provide oxygen for the Oxyfuel furnace. These processes are not expected to emit contaminants to the atmosphere and are not considered emission sources.

The replacement of existing furnace A with an oxyfuels furnace (furnace A2) will result in an estimated reduction in 4,000 tons per year of green house gases. The add on control equipment will reduce SO2, particulate, and heavy metal emissions from the facility. The improvement in emissions will not adversely affect near-by disadvantaged communities.

Facility DEC ID: 7055200004

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: KEVIN M BALDUZZI
 NYSDEC - REGION 7
 5786 Widewaters Pkwy
 SYRACUSE, NY 13214-1867

Authorized Signature: _____ Date: ___ / ___ / ___

Facility DEC ID: 7055200004

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.

Facility DEC ID: 7055200004

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 5 1 Facility Inspection by the Department
- 5 2 Relationship of this Permit to Other Department Orders and Determinations
- 5 3 Applications for permit renewals, modifications and transfers
- 6 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 6 5 Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS

Facility DEC ID: 7055200004

DEC GENERAL CONDITIONS

**** General Provisions ****

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before 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

Facility DEC ID: 7055200004

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 7
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 7 Headquarters
Division of Environmental Permits
5786 Widewaters Parkway
Syracuse, NY 13214-1867
(315) 426-7400

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: OWENS-BROCKWAY GLASS CONTAINER INC
1 MICHAEL OWENS WAY
PERRYSBURG, OH 43551-2999

Facility: OWENS-BROCKWAY GLASS CONTAINER INC
7134 COUNTY HOUSE RD
AUBURN, NY 13021

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

Permit Effective Date: 03/20/2024

Permit Expiration Date: 03/19/2029

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 7 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 8 2 6 NYCRR 201-6.4 (a) (7): Fees
- 8 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 8 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 9 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 11 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 13 7 6 NYCRR 202-2.5: Recordkeeping requirements
- 13 8 6 NYCRR 215.2: Open Fires - Prohibitions
- 14 9 6 NYCRR 200.7: Maintenance of Equipment
- 15 10 6 NYCRR 201-1.7: Recycling and Salvage
- 15 11 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 15 12 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 15 13 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 14 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 15 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 16 16 6 NYCRR 202-1.1: Required Emissions Tests
- 16 17 40 CFR Part 68: Accidental release provisions.
- 17 18 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 17 19 6 NYCRR Subpart 201-6: Emission Unit Definition
- 18 20 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 19 21 6 NYCRR 201-6.4 (f): Operational Flexibility
- 19 22 6 NYCRR 201-6.4 (f) (2): Compliance Certification
- 22 23 6 NYCRR 202-2.4 (a) (3): Statement dates for emissions statements.
- 22 24 6 NYCRR 211.2: Visible Emissions Limited
- 23 25 6 NYCRR 212-1.6 (a): Compliance Certification
- 25 26 6 NYCRR 212-2.4 (b): Compliance Certification
- 27 27 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 27 28 40CFR 63, Subpart A: General Provisions
- 27 29 40CFR 63, Subpart ZZZZ: Applicability

Emission Unit Level

- 27 30 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 28 31 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=A-FURNC,EP=00002,Proc=FRN,ES=FURNB

- 32 32 6 NYCRR 200.6: Compliance Certification
- 33 33 6 NYCRR 212-1.5 (d): Compliance Certification
- 34 34 6 NYCRR 212-1.6 (a): Compliance Certification
- 35 35 6 NYCRR 212-2.4 (b): Compliance Certification
- 36 36 6 NYCRR 220-2.4 (b): Compliance Certification

EU=A-FURNC,EP=00003,Proc=FRN,ES=FRNA2

- 37 37 6 NYCRR 212-1.5 (d): Compliance Certification
- 38 38 6 NYCRR 212-1.5 (e) (1): Demonstrating compliance

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

with Part 212 through the federal NSPS for the respective air
contaminant

- 39 39 6 NYCRR 212-2.4 (b): Compliance Certification
- 39 40 6 NYCRR 220-2.4 (b): Compliance Certification
- 41 41 40CFR 60.292, NSPS Subpart CC: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 43 42 ECL 19-0301: Contaminant List
- 43 43 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 44 44 6 NYCRR 201-1.4: Compliance Demonstration
- 45 45 6 NYCRR 201-6.5 (a): CLCPA Applicability
- 45 46 6 NYCRR 211.1: Air pollution prohibited

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 03/20/2024 and 03/19/2029**

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 03/20/2024 and 03/19/2029

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 03/20/2024 and 03/19/2029

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 03/20/2024 and 03/19/2029

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

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,

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department’s Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 6: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

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;

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

- 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 7 Headquarters
 5786 Widewaters Parkway
 Syracuse, NY 13214-1867

The address for the BQA is as follows:

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 1/30/2025.
 Subsequent reports are due on the same day each year

Condition 7: Recordkeeping requirements
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

- (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 8: Open Fires - Prohibitions
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR 215.2

Item 8.1:

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 8.2

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 9: Maintenance of Equipment
Effective between the dates of 03/20/2024 and 03/19/2029**

Applicable Federal Requirement: 6 NYCRR 200.7

Item 9.1:

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.

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Condition 10: Recycling and Salvage
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

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 11: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 11.1:

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 12: Exempt Sources - Proof of Eligibility
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 12.1:

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 13: Trivial Sources - Proof of Eligibility
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 13.1:

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 14: Requirement to Provide Information
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 14.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 15: Right to Inspect
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 15.1:

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 16: Required Emissions Tests
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 16.1:

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 17: Accidental release provisions.
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:40 CFR Part 68

Item 17.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 18: Recycling and Emissions Reduction
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:40CFR 82, Subpart F

Item 18.1:
 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 19: Emission Unit Definition
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 19.1:
 The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-BOTTL

Emission Unit Description:

Five (5) bottle forming machines. One (1) coating booth for applying a glass release coating to molds as part of the mold preparation process. Five (5) hot end surface treatment (HEST) processes. The HEST units vent to a common abatement system. Five (5) cold end treatment processes.

Building(s): MAIN

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Item 19.2:

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

Emission Unit: A-FURNC

Emission Unit Description:

Two glass melting furnaces. At the time of permit issuance this includes furnace A and furnace B, both regenerative furnaces fired with natural gas. Once furnace A is brought permanently off-line furnace A2 will be constructed in its place. Furnace A2 uses oxygen/gas combustion technology and is exhausted through a ceramic filter and dry scrubber. Each furnace has a refiner in which the molten glass is heat conditioned for delivery to the forming process. Each furnace has alcoves and forehearths which transport the refined glass to the forming process. The forehearths vent inside the glass manufacturing area. The refiners and forehearths are fueled by natural gas.

Building(s): MAIN

Item 19.3:

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

Emission Unit: A-RAWMT

Emission Unit Description:

Raw material receive/storage (RMRS) - 4 unloading pits, 2 conveyors, 2 elevators, 15 bins, silo, and dust collector for the sand unloading elevator (DC022). Raw material blend/mix (RMBM) - 2 conveyors, 1 elevator, 1 12,000-lb bin, 1 5-yd mixer, 2 batch chargers, and 1 minor ingredient mixer. A dust collector for RMBM weigh bin (DC005). Cullet processing system (CULLT) - dust collector for the processed cullet conveyor (DC021). A central vacuum system for RMRS, RMBM, and CULLT housekeeping (RMCVS). A dust collector (DC023) for the central vacuum system.

Building(s): BATCHHOUSE
CVSSHED

Condition 20: Progress Reports Due Semiannually
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 20.1:

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 21: Operational Flexibility
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 21.1:

A permit modification is not required for changes that are provided for in the permit. Such changes include approved alternate operating scenarios and changes that have been submitted and approved pursuant to an established operational flexibility protocol and the requirements of this section. Each such change cannot be a modification under any provision of Title I of the Clean Air Act or exceed, or cause the facility to exceed, an emissions cap or limitation in the permit. The facility owner or operator must incorporate all changes into any compliance certifications, record keeping, and/or reporting required by the permit.

Condition 22: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 22.1:

The Compliance Certification activity will be performed for the Facility.

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Protocol

I. Protocol Objective

The objective of this condition is to enable operational flexibility at the facility by building the capability to make certain changes pursuant to this protocol into the Title V permit. As provided under 6 NYCRR Part 201-6.4(f), changes made under an approved protocol are not subject to the Title V permit modification provisions under 6 NYCRR Part 201-6.6 unless required by the Department pursuant to 201-6.4(f)(4).

II. Protocol

A. Criteria

1. Changes reviewed under this protocol shall be

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

evaluated in accordance with the following criteria:

- a. All underlying federal and state requirements with which the new or changed operation or 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 operation or emission source and any related information, and/or subject to the Department’s 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 emission increase that exceeds the New Source Review (NSR) thresholds identified in 6 NYCRR Part 231.
- 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 emissions cap. 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 at least 15 days in advance of making the proposed change.
- 2. Notifications made in accordance with this protocol must include the following information:
 - a. Identification of the Title V permit emission unit, process(es), emission source(s) and emission point(s) affected by the proposed change with applicable revisions to the Emission Unit structure;
 - b. Description of the proposed change, including operating parameters affected;
 - c. Identification and description of emissions control device or technology that will be used; and
 - d. Documentation of the project's, or emission source's, compliance with respect to all state and/or federally applicable requirements, including the following:
 - i. Calculations demonstrating the emission rate potential and maximum projected annual actual emission rates for all contaminants affected by the change;

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

ii. Documentation demonstrating that the change is not subject to the New Source Review requirements described in 6 NYCRR Part 231;

iii. Identification and evaluation of all state and federal regulations applicable to the proposed change;

iv. A description of any additional operating and record keeping procedures necessary to ensure compliance with all applicable requirements; and

v. Any other relevant information used for the evaluation of the proposed change under this protocol.

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 required by Section II.B of this protocol.

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 the notification do not meet the criteria under Section 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.

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

2. The facility shall provide with the semiannual 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.

3. The facility shall include each change made pursuant to this protocol in the next application for permit modification or renewal, whichever is first. Changes made pursuant to this protocol are not subject to the permit shield provisions described in 6 NYCRR 201-6.4(g) until they are incorporated into the Title V permit.

4. The facility shall maintain a record of each change made pursuant to this protocol at the facility and shall make such records available to the Department upon request.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

**Condition 23: Statement dates for emissions statements.
Effective between the dates of 03/20/2024 and 03/19/2029**

Applicable Federal Requirement:6 NYCRR 202-2.4 (a) (3)

Item 23.1:

This facility is required to submit an annual emission statement electronically and these emissions statements must be submitted to the department as per the following schedule:

- (i) March 15th of each year for facilities with three or fewer processes listed in their Title V permit:
- (ii) March 31st of each year for facilities with four to six processes listed in their Title V permit:
- (iii) April 15th of each year for facilities with 7 to 12 processes listed in their Title V permit:
- (iv) April 30th of each year for facilities with 13 or more processes listed in their Title V permit.

**Condition 24: Visible Emissions Limited
Effective between the dates of 03/20/2024 and 03/19/2029**

Applicable Federal Requirement:6 NYCRR 211.2

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Item 24.1:

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 25: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 25.1:

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

Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST1
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST2
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST3
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST4
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST5
Emission Unit: A-FURNC Process: FRN	Emission Point: 00003 Emission Source: FRNA2
Emission Unit: A-RAWMT Process: BHK	Emission Point: 00005 Emission Source: RMCVS
Emission Unit: A-RAWMT Process: RAW	Emission Point: 00005 Emission Source: 0RMBM
Emission Unit: A-RAWMT Process: RAW	Emission Point: 00005 Emission Source: 0RMRS
Emission Unit: A-RAWMT Process: RAW	Emission Point: 00005 Emission Source: CULLT

Item 25.2:

Compliance Certification shall include the following monitoring:

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 an EPA Reference Test Method 9 opacity evaluation at any time during facility operation.

The facility owner or operator shall conduct a visible emissions observation of all emission points specified by this condition once per day while the process is in operation. The facility owner or operator 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 specified below.

The facility owner or operator 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 limit specified (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point, the facility owner or operator will notify the Department of the observations within one business day. The facility owner or operator will also perform an EPA Reference Test Method 9 opacity evaluation analysis of the affected emission point and submit the results to the Department.

Daily records of the visible emissions observations, any follow-up Method 9 observations, investigations, and corrective actions taken are to be maintained on site for a period of at least five years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

All records kept pursuant to this condition must be provided to the Department upon request.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Reference Test Method 9

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.

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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

Condition 26: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 26.1:

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

Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST1
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST2
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST3
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST4
Emission Unit: A-BOTTL Process: HST	Emission Point: 00013 Emission Source: HEST5
Emission Unit: A-RAWMT Process: BHK	Emission Point: 00005 Emission Source: RMCVS
Emission Unit: A-RAWMT Process: RAW	Emission Point: 00005 Emission Source: 0RMBM
Emission Unit: A-RAWMT Process: RAW	Emission Point: 00005 Emission Source: 0RMRS
Emission Unit: A-RAWMT Process: RAW	Emission Point: 00005 Emission Source: CULLT

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:

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance verifications from the emission unit, process, etc. to which this condition applies semiannually while the process is in operation. 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. If emissions with the potential to exceed the limit specified (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point, the facility owner or operator will notify the Department of the observations within one business day.

Records of these verifications, investigations and corrective actions will be kept on-site, provided to the Department upon request 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: 0.05 grains per dscf

Reference Test Method: EPA RM 5 or DEC Approved Method

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 8/29/2024.

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

Condition 27: Applicability of Subpart A General Provisions
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 27.1:

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 28: General Provisions
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:40CFR 63, Subpart A

Item 28.1:

This emission source is subject to the applicable provisions of 40 CFR 63 Subpart A. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 29: Applicability
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 29.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 Subpart ZZZZ.

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

Condition 30: Emission Point Definition By Emission Unit
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 30.1:

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

Emission Unit: A-BOTTL

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Emission Point: 00013
 Height (ft.): 64 Diameter (in.): 16
 NYTMN (km.): 4757.627 NYTME (km.): 373.277 Building: MAIN

Item 30.2:

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

Emission Unit: A-FURNC

Emission Point: 00002
 Height (ft.): 140 Diameter (in.): 85
 NYTMN (km.): 4757.626 NYTME (km.): 373.261 Building: MAIN

Emission Point: 00003
 Height (ft.): 140 Diameter (in.): 46
 NYTMN (km.): 4757.661 NYTME (km.): 373.185 Building: MAIN

Item 30.3:

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

Emission Unit: A-RAWMT

Emission Point: 00005
 Height (ft.): 83 Diameter (in.): 12
 NYTMN (km.): 4757.653 NYTME (km.): 373.233 Building:
 BATCHHOUSE

Emission Point: 00021
 Height (ft.): 71 Diameter (in.): 8
 NYTMN (km.): 4757.649 NYTME (km.): 373.226 Building:
 BATCHHOUSE

Emission Point: 00022
 Height (ft.): 8 Diameter (in.): 8
 NYTMN (km.): 4757.639 NYTME (km.): 373.226 Building:
 BATCHHOUSE

Emission Point: 00023
 Height (ft.): 4 Length (in.): 126 Width (in.): 78
 NYTMN (km.): 4757.664 NYTME (km.): 373.231 Building: CVSSHED

Condition 31: Process Definition By Emission Unit
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 31.1:

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

Emission Unit: A-BOTTL
 Process: BTL Source Classification Code: 3-05-014-06
 Process Description:

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Refined glass from the furnace is sheared and gobbed and placed in a prepared mold. Mold swabbing with a graphite/oil solution is performed periodically as part of the continual mold maintenance process.

Emission Source/Control: BOTL1 - Process

Emission Source/Control: BOTL2 - Process

Emission Source/Control: BOTL3 - Process

Emission Source/Control: BOTL4 - Process

Emission Source/Control: BOTL5 - Process

Item 31.2:

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

Emission Unit: A-BOTTL

Process: FNL

Source Classification Code: 3-05-014-06

Process Description:

The final bottle treatment can include cold end treatment (various coatings which help protect the bottles) and packaging. The DFE (1,1-difluoroethane) unit treats the inside of the glass bottles and containers. The process consists of applying a pulse of DFE/Air mixture into each glass container shortly after it is made in order to achieve the desired glass properties.

Emission Source/Control: 00DFE - Process
Design Capacity: 8,650 pounds per year

Emission Source/Control: COLD1 - Process

Emission Source/Control: COLD2 - Process

Emission Source/Control: COLD3 - Process

Emission Source/Control: COLD4 - Process

Emission Source/Control: COLD5 - Process

Item 31.3:

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

Emission Unit: A-BOTTL

Process: HST

Source Classification Code: 3-05-014-06

Process Description:

Following the forming process, hot molded glass is treated in the hot end surface treatment (HEST) process. Liquid monobutyltin trichloride (MBTT) is received at the plant and pumped into the five (5) coating hoods at a

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

maximum rate of 3.0 pounds per hour per hood. Each coating hood is heated causing the MBTT to vaporize upon introduction into the hoods. This forms a "tin rich" atmosphere inside the hoods. It is believed that approximately 1/3 of the MBTT reacts with the glass bottle creating a thin layer of tin on the bottle. The exhaust is combined with a controlled amount of ammonia. The ammonia forms a precipitate that will be captured as particulate in the dust collector baghouse. Unreacted ammonia vents with the baghouse exhaust.

Emission Source/Control: DC013 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC014 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HEST1 - Process

Emission Source/Control: HEST2 - Process

Emission Source/Control: HEST3 - Process

Emission Source/Control: HEST4 - Process

Emission Source/Control: HEST5 - Process

Item 31.4:

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

Emission Unit: A-FURNC

Process: FRN

Source Classification Code: 3-05-014-02

Process Description:

The facility has two continuous furnaces which melt the raw materials, or "batch." At the time of permit issuance this includes furnace A and furnace B, both regenerative furnaces fired with natural gas. Once furnace A is brought permanently off-line furnace A2 will be constructed in its place. Furnace A2 uses oxygen/gas combustion technology and is exhausted through a ceramic filter and dry scrubber. Each furnace has a single stack. Each furnace has a refiner in which the molten glass is heat conditioned for delivery to the forming process. Each furnace also has alcoves and forehearths which transport the refined glass to the forming process. The refiners, alcoves, and forehearths vent inside the glass manufacturing area. The refiners, alcoves, and forehearths are fueled by natural gas.

Emission Source/Control: DS001 - Control
Control Type: FABRIC FILTER, DRY SPRAY ADSORPTION

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Emission Source/Control: FRNA2 - Process
 Design Capacity: 389 tons per day

Emission Source/Control: FURNB - Process
 Design Capacity: 323 tons per day

Item 31.5:

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

Emission Unit: A-RAWMT
 Process: BHK Source Classification Code: 3-05-014-10
 Process Description:

Batch plant housekeeping. Batch house operation (raw material receive/storage and raw material blend/mix) and maintenance activities result in small accumulations of off-specification raw materials. So as to not rely on manual sweeping and shoveling, a central vacuum system is used for housekeeping. The central vacuum system is equipped with a baghouse.

Emission Source/Control: DC023 - Control
 Control Type: FABRIC FILTER

Emission Source/Control: RMCVS - Process

Item 31.6:

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

Emission Unit: A-RAWMT
 Process: RAW Source Classification Code: 3-05-014-10
 Process Description:

Raw material receive/storage. The facility receives raw materials via truck and rail, and stores them in designated silos and covered storage areas. The large quantity raw materials (e.g. sand, salt cake, limestone, soda ash and cullet) are conveyed from the truck or rail unloading area to an elevator which deposits them into silos.

Raw material blend/mix. Conveyors transport the raw materials from their respective silo(s) to a weigh bin/hopper (A bin). The weigh bin is equipped with a dust collector. Collected particulate is recycled back into the system.

Raw materials used in small quantities (e.g. color additives) are stored in containers and are manually fed into the mixers when needed. The raw materials are blended in mixers. The raw materials from the A bin enter the mixer along with water which is pumped from the glass cooling water system. At the time of permit issuance, batch cans for furnaces A and B transport the mixed raw

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

materials to a batch charger which feeds glass melting furnaces A and B. There are also dust collectors located at the processed cullet conveyor and the sand unloading elevator. Once furnace A is brought permanently off-line, mixed raw materials for Furnace A2 are transported to a new surge hopper via closed conveyors and then to a new conveyor(s) with a new dust collector(s). The raw materials are then close transferred from the conveyor(s) to a bucket elevator and then into a day bin which is equipped with a new dust collector. From the day bin the mixed raw material is then metered through a screw conveyor into a batch charger which feeds glass melting Furnace A2. the baghouses for the surge hopper and day bin are exhausted within the plant.

Emission Source/Control: DC005 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC021 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC022 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0RMBM - Process

Emission Source/Control: 0RMRS - Process

Emission Source/Control: CULLT - Process

Condition 32: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable Federal Requirement:6 NYCRR 200.6

Item 32.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC	Emission Point: 00002
Process: FRN	Emission Source: FURNB

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

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No facility owner or operator shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Work Practice Type: PARAMETER OF PROCESS MATERIAL
 Process Material: MATERIAL
 Parameter Monitored: SULFUR
 Upper Permit Limit: 1.8 pounds per ton
 Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC	Emission Point: 00002
Process: FRN	Emission Source: FURNB

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

Item 34.2:

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 facility owner or operator will conduct a Method 9 visible emissions observation of furnace B once per day while the process is in operation. The facility owner or operator will investigate, in a timely manner, any instance where visible emissions have exceeded the opacity standard. Any exceedance of the opacity standard will be promptly reported to RAPCE.R7@dec.ny.gov.

Daily records of the Method 9 visible emissions observations, any follow-up Method 9 observations, investigations, and corrective actions taken are to be maintained on site for a period of at least five years from the date of the record and will be provided to the Department upon request. A summary of results,

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

deviations, and/or exceedances will be included in the appropriate semi-annual monitoring report and annual compliance certification.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: Method 9
 Monitoring Frequency: DAILY
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 35: Compliance Certification
 Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC	Emission Point: 00002
Process: FRN	Emission Source: FURNB

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No facility owner or operator shall cause or allow emissions of particulate that exceed the permissible emission rate using process weight for a specific source category emitting solid particulate in Table 5 and Table 6 of 6 NYCRR 212-2.5 (a) and (b).

Existing glass production furnaces not applicable to 40CFR.293 will limit particulate emissions as follows:

For all process weight sources up to 100,000 lb/hr, use $E = 0.024P^{0.67}$

For existing process weight sources in excess of 100,000 lb/hr, use $E = (39P^{0.082}) - 50$ where E = permissible emission rate; P = process weight in lb/hr

To demonstrate compliance a Method 5 emissions test will be performed within 6 months of permit issuance and annually thereafter.

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Upper Permit Limit: 22.3 pounds per hour
 Reference Test Method: Method 5
 Monitoring Frequency: ANNUALLY
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 36: Compliance Certification
 Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC	Emission Point: 00002
Process: FRN	Emission Source: FURNB

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

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Furnace B will not exceed the 30-day rolling average emission limit of 4.0 pounds of NOx per ton of glass produced, as measured using a certified NOx CEMS. This limit establishes the NOx RACT emission limit for furnace B, an existing container glass furnace. The RACT limit will be submitted to EPA for approval as a source-specific SIP revision. After the next cold tank repair, Owens will comply with the NOx RACT limit established in this permit for Furnace A2, 1.2 pounds per ton of glass produced for a new, rebuilt container glass furnace. Calculation of a 30-day rolling average emission rate may exclude emissions during periods of start-up, shutdown, or malfunction, as detailed in the SSM Plan.

All furnaces, control devices, and any other associated air pollution control equipment will be operated with good air pollution control practices for minimizing emissions at all times in accordance with 40 C.F.R. § 60.11(d).

Owens 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.

Records or required measurements and any additional

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

parameters required by the department shall be maintained for at least five years and made available to the department upon request. Owens will submit to the Department, on a calendar semi-annual basis, a report of excess emissions and CEM and process down time. For each period of excess emission or CEM down time, the report shall state the time the excess emission began and ended, the cause, and the corrective action.

Manufacturer Name/Model Number: Thermo Environmental, Inc. 42i NOX; EMRC DP-60/75 Mark 2 Flow
 Upper Permit Limit: 4.0 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 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC	Emission Point: 00003
Process: FRN	Emission Source: FRNA2

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Sulfur dioxide emissions from this emission source, glass melting furnace A2, will not exceed the 30-day rolling average emission limit of 0.8 pounds of SO₂ per ton of glass produced as measured using a certified SO₂ CEMS. This limit satisfies the SO₂ BACT requirement for a new, rebuilt container glass furnace. Calculation of a 30-day rolling average emission rate may exclude emissions during periods of start-up, shutdown, or malfunction, as detailed in the SSM Plan.

All furnaces, control devices, and any other associated air pollution control equipment will be operated with good air pollution control practices for minimizing emissions

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

at all times in accordance with 40 C.F.R. § 60.11(d).

SO2 CEMS will be installed, calibrated, certified, maintained, and operated in accordance with the provisions of 40 CFR part 60, appendices B and F.

Owens will comply with all record keeping and reporting requirements in 40 C.F.R. Part 60. 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. Owens will submit to the Department, on a calendar semi-annual basis, a report of excess emissions and CEM and process down time. For each period of excess emission or CEM down time, the report shall state the time the excess emission began and ended, the cause, and the corrective action.

Manufacturer Name/Model Number: CEM TBD
Upper Permit Limit: 0.8 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 7/30/2024.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Demonstrating compliance with Part 212 through the federal NSPS for the respective air contaminant
Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 38.1:

This Condition applies to Emission Unit: A-FURNC Emission Point: 00003
FRNA2 Process: FRN Emission Source:

Item 38.2:

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.

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Condition 39: Compliance Certification
 Effective between the dates of 03/20/2024 and 03/19/2029

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

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC Emission Point: 00003
 Process: FRN Emission Source: FRNA2

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

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No facility owner or operator shall cause or allow emissions of particulate that exceed the permissible emission rate using process weight for a specific source category emitting solid particulate in Table 5 and Table 6 of 6 NYCRR 212-2.5 (a) and (b).

Existing glass production furnaces not applicable to 40CFR.293 will limit particulate emissions as follows:

For all process weight sources up to 100,000 lb/hr, use $E = 0.024P^{0.67}$

For existing process weight sources in excess of 100,000 lb/hr, use $E = (39P^{0.082}) - 50$ where E = permissible emission rate; P = process weight in lb/hr

To demonstrate compliance a Method 5 emissions test will be performed within 6 months of permit issuance and annually thereafter.

Upper Permit Limit: 25.3 pounds per hour

Reference Test Method: Method 5

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 40: Compliance Certification
 Effective between the dates of 03/20/2024 and 03/19/2029

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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC Emission Point: 00003
Process: FRN Emission Source: FRNA2

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

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Furnace A2 will not exceed the 30-day rolling average emission limit of 1.2 pounds of NO_x per ton of glass produced, as measured using a certified NO_x CEMS. This limit establishes the NO_x RACT emission limit for furnace A2, a new, rebuilt container glass furnace. The RACT limit will be submitted to EPA for approval as a source-specific SIP revision. Calculation of a 30-day rolling average emission rate may exclude emissions during periods of start-up, shutdown, or malfunction, as detailed in the SSM Plan.

All furnaces, control devices, and any other associated air pollution control equipment will be operated with good air pollution control practices for minimizing emissions at all times in accordance with 40 C.F.R. § 60.11(d).

Owens shall install, calibrate, certify, maintain, and operate NO_x 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.

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. Owens will submit to the Department, on a calendar semi-annual basis, a report of excess emissions and CEM and process down time. For each period of excess emission or CEM down time, the report shall state the time the excess emission began and ended, the cause, and the corrective action.

Manufacturer Name/Model Number: CEM TBD

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)

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

(1) an emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) the equipment at the facility was being properly operated and maintained;

(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) the facility owner or operator notified the department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

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

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

Item B: 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

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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 42: Contaminant List

Effective between the dates of 03/20/2024 and 03/19/2029

Applicable State Requirement: ECL 19-0301

Item 42.1:

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

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

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

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

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

Condition 43: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 03/20/2024 and 03/19/2029

Applicable State Requirement: 6 NYCRR 201-1.4

Item 43.1:

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

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

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

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

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

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

Condition 44: Compliance Demonstration
Effective between the dates of 03/20/2024 and 03/19/2029

Applicable State Requirement: 6 NYCRR 201-1.4

Item 44.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 44.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004

Owens shall submit for Department approval a Start-up, Shutdown and Malfunction (SSM) Plan within 90 days of permit issuance or prior to operation, whichever comes first.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 45: CLCPA Applicability

Effective between the dates of 03/20/2024 and 03/19/2029

Applicable State Requirement:6 NYCRR 201-6.5 (a)

Item 45.1:

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 46: Air pollution prohibited

Effective between the dates of 03/20/2024 and 03/19/2029

Applicable State Requirement:6 NYCRR 211.1

Item 46.1:

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.

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004