



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-0552-00004/00019
Effective Date: 04/01/2008 Expiration Date: 03/31/2013

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

Contact: DENNIS A GARBIG
OWENS-BROCKWAY GLASS CONTAINER INC
1 MICHAEL OWENS WAY - 4 O-I PLZ
PERRYSBURG, OH 43551-2999
(567) 336-7894

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

Contact: D DAUM
OWENS BROCKWAY GLASS CONTAINER INC
7134 COUNTY HOUSE RD
AUBURN, NY 13021
(315) 255-5221

Description:
Owens-Brockway Glass Container Inc. operates a glass container plant, located in Auburn, NY. Glass containers (typically a variety of bottles and jars) are manufactured at the plant from recycled glass (post-customer and in-house process recycle) and other raw materials. The plant comprises the following areas: Raw Materials Receiving/Storage, Raw Materials Blend/Mix, Glass Melting Furnaces, Glass Forming, and Bottle Treatment.

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: JOANNE L MARCH
DIVISION OF ENVIRONMENTAL PERMITS
615 ERIE BLVD WEST
SYRACUSE, NY 13204-2400

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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 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
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

New York State Department of Environmental Conservation

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: 04/01/2008

Permit Expiration Date: 03/31/2013



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR Part 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 6 NYCRR 211.3: Visible Emissions Limited
- 21 40 CFR Part 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 212.6 (a): Compliance Certification
- 25 6 NYCRR 212.6 (a): Compliance Certification

Emission Unit Level

- 26 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 27 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=A-BOTTL

- 28 6 NYCRR 212.4 (c): Compliance Certification

EU=A-FURNC

- 29 6 NYCRR 212.9 (b): Compliance Certification
- 30 6 NYCRR 212.9 (d): Compliance Certification
- 31 6 NYCRR 212.10: Compliance Certification
- 32 6 NYCRR 212.10: Compliance Certification

EU=A-FURNC,Proc=FRN,ES=FURNA

- 33 6 NYCRR Part 212: Compliance Certification

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



34 6 NYCRR Part 212: Compliance Certification

EU=A-RAWMT

35 6 NYCRR 212.4 (c): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

36 ECL 19-0301: Contaminant List

37 6 NYCRR 201-1.4: Unavoidable noncompliance and violations

38 6 NYCRR 211.2: Air pollution prohibited



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

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



Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.3 (a) (4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR 201-6.3 (d) (12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.5 (a) (2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.5 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5 (a) (5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR 201-6.5 (a) (6)

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



Item I: Severability - 6 NYCRR 201-6.5 (a) (9)

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

Item J: Permit Shield - 6 NYCRR 201-6.5 (g)

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR 201-6.5 (i)

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

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



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



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

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 201-6.5 (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 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 201-6.5 (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 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement: 6 NYCRR 201-6.5 (c) (2)

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement: 6 NYCRR 201-6.5 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum



frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

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

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

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

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

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A



written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).



Condition 6: Compliance Certification
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement: 6 NYCRR 201-6.5 (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:

Compliance certifications shall contain the following information:

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

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.

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

USEPA Region 2
Air Compliance Branch

New York State Department of Environmental Conservation

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004



290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April
15th each year for emissions of the previous calendar
year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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



the air

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 04/01/2008 and 03/31/2013

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

Item 13.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 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.

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 04/01/2008 and 03/31/2013

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

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 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.

Condition 15: Standard Requirement - Provide Information

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (4)

Item 15.1:

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



administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (8)

Item 16.1:

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

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

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

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

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

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 201-6.5 (d) (5)

Item 17.1:

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

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

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

Condition 18: Off Permit Changes
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 201-6.5 (f) (6)

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of



title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 19.1:

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. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 211.3

Item 20.1:

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 21: Accidental release provisions.
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:40 CFR Part 68

Item 21.1:

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

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

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



single stack. 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 furnace area. The refiners and forehearths are fueled by natural gas.

Building(s): MAIN

Item 23.3:

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, and dust collector for the sand unloading elevator (DC022). Raw material blend/mix (RMBM) - 1 conveyor, 1 elevator, 1 12000-lb bin, surge bins, 1 5-yd mixer, 2 batch chargers. 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 and RMBM housekeeping. A dust collector (DC023) for the central vacuum system.

Building(s): BATCHHOUSE
CVSSHED

Condition 24: Compliance Certification

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The maintenance procedure applicable to this facility for the opacity requirements under section 212.6(a) will include the following:

1. The facility owner and/or operator will observe all emission points or other sources of air pollution daily during daylight hours, except during adverse weather conditions (fog, rain, or snow, etc.), to monitor for unusual opacity conditions. The records of these observations, including weather conditions, will be recorded in a bound log book at the facility and shall be available for inspection by Department representatives.



upon request. Records will be maintained for a period of at least five years. If visible emissions above those that are normal and in compliance with section 212.6(a) are detected (normal visible emissions may be zero percent opacity for some stacks), the facility owner and/or operator shall determine the cause immediately and make the necessary correction.

2. If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the facility owner and/or operator will conduct a Method 9 assessment to determine the degree of opacity.

3. If the opacity is determined to exceed the limits of section 212.6(a), the facility will be determined to be in violation, will remedy the problem, and will contact the Department. The provisions of Part 201-1.4 shall apply

Monitoring Frequency: DAILY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 25: Compliance Certification

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: 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. Compliance with this requirement shall be determined by the facility owner/operator conducting a visible emissions observation of all emission points once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). The daily observations shall be performed in



accordance with the attached maintenance procedures.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 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.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

**** Emission Unit Level ****

Condition 26: Emission Point Definition By Emission Unit
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 26.1:

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

Emission Unit: A-BOTTL

Emission Point: 00007

Height (ft.): 51 Diameter (in.): 24
NYTMN (km.): 4757.722 NYTME (km.): 373.231 Building: MAIN

Emission Point: 00013

Height (ft.): 64 Diameter (in.): 16
NYTMN (km.): 4757.722 NYTME (km.): 373.231 Building: MAIN

Item 26.2:

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

Emission Unit: A-FURNC

Emission Point: 00001

Height (ft.): 140 Diameter (in.): 84
NYTMN (km.): 4757.722 NYTME (km.): 373.231

Emission Point: 00002

Height (ft.): 140 Diameter (in.): 84
NYTMN (km.): 4757.722 NYTME (km.): 373.231

New York State Department of Environmental Conservation

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004



Item 26.3:

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

Emission Unit: A-RAWMT

Emission Point: 00005

Height (ft.): 71

Diameter (in.): 12

NYTMN (km.): 4757.722

NYTME (km.): 373.231

Building:

BATCHHOUSE

Emission Point: 00021

Height (ft.): 83

Diameter (in.): 8

NYTMN (km.): 4757.722

NYTME (km.): 373.231

Building:

BATCHHOUSE

Emission Point: 00022

Height (ft.): 8 Diameter (in.): 8

NYTMN (km.): 4757.722

NYTME (km.): 373.231

Building:

BATCHHOUSE

Emission Point: 00023

Height (ft.): 4 Length (in.): 126

Width (in.): 78

NYTMN (km.): 4757.722

NYTME (km.): 373.231

Building: CVSSHED

Condition 27: Process Definition By Emission Unit

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 27.1:

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:

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 27.2:

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 (a coating to help protect the bottles), bottle coding and packaging. A bottle coder prints identification numbers on the glass containers. This device uses methyl ethyl ketone (MEK) as a solvent and as a major component in the ink. These sources use very little solvent.

- Emission Source/Control: BCD01 - Process
- Emission Source/Control: BCD02 - Process
- Emission Source/Control: BCD03 - Process
- Emission Source/Control: BCD04 - Process
- Emission Source/Control: BCD05 - Process
- Emission Source/Control: BCD06 - Process
- Emission Source/Control: BCD07 - Process
- 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 27.3:

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 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: HEST1 - Process

Emission Source/Control: HEST2 - Process

Emission Source/Control: HEST3 - Process

Emission Source/Control: HEST4 - Process

Emission Source/Control: HEST5 - Process

Item 27.4:

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

Emission Unit: A-BOTTL
Process: MLD Source Classification Code: 3-05-014-11
Process Description:

Preparation of the molds is a continual process, consisting of mold repair (which may include welding), cleaning, lubricating, curing and heating the mold. Cleaning occurs in the grit blasters (note: grit blasters exhaust indoors, through a baghouse and are exempt). Solid film lubricant (SFL) is applied in the mold coating booth. The mold temperature is then increased in the mold heat ovens and quick fire ovens. Natural gas or electricity is used to heat the mold ovens.

Emission Source/Control: SFLCT - Process

Item 27.5:

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 (A & B) which melt the raw materials, or "batch." Natural gas is the fuel for the furnace burners. 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 forehearths vent inside the furnace area. The refiners and forehearths are fueled by natural gas.

Emission Source/Control: FURNA - Process



Emission Source/Control: FURNB - Process

Item 27.6:

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: ORMBM - Process

Emission Source/Control: ORMRS - Process

Emission Source/Control: RMCVS - Process

Item 27.7:

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 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 and then to a surge bin. The weigh bin is equipped with a baghouse. 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 surge bin enter the mixer along with liquid which is pumped from the glass cooling water system. Batch cans then transport the mixed raw materials into the batch chargers which feed the glass melting furnaces. There are also dust collectors located at the processed cullet conveyor and the sand unloading elevator.



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 28: Compliance Certification
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 28.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-BOTTL

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

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Compliance testing will be conducted at the discretion of the Department. A final test report must be submitted for each monitoring occurrence. Testing and reporting shall be conducted in accordance with the provisions of 6NYCRR Subpart 202-1.

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



Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 29: Compliance Certification
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement: 6 NYCRR 212.9 (b)

Item 29.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Sulfur Dioxide emissions for this emission unit are assigned an environmental rating of "B."

Within 180 days of the Title V permit effective date, the facility owner or operator shall submit, for Department review and approval, an updated Best Available Control Technology (BACT) analysis or a schedule to comply with the requirements of 6NYCRR Part 212.9(b), Table 2.

If a BACT analysis is submitted, within 60 days of receipt of Department's written approval of the BACT analysis, the facility owner or operator shall submit, for Department review and approval, a schedule to implement the approved BACT strategy if controls are required.

The Department may impose a schedule to comply with the requirements of 6NYCRR Part 212.9(b), Table 2 if a final decision is made by the Department that a submitted BACT analysis, BACT implementation schedule or compliance schedule cannot be approved. Any condition or timeframe associated with a Department approved BACT analysis, BACT implementation schedule, or compliance schedule shall become an enforceable part of this permit. In addition any resubmittal or information request shall be submitted by the due date set, in writing, by the Department.

The Department may grant extensions of the above listed timeframes if requests, in writing, are received and approved by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

New York State Department of Environmental Conservation

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Certification
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 212.9 (d)

Item 30.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following equation shall be used to determine permissible solid particulate emissions, based on process weight, for each source up to 100,000 lb/hr: $E = 0.024P^{0.67}$

where:

E = the permissible emission rate, and

P = the process weight in lb/hr.

A performance test must be conducted, in accordance with a Department approved protocol and the provisions of 6NYCRR Part 202-1, at least once during the term of the permit. A final test must be submitted within 60 days following the performance test.

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 31: Compliance Certification
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 212.10

Item 31.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC



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

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Beginning in 1999 and every five years thereafter, the facility owner or operator shall perform a NOx compliance test using EPA reference test methods in accordance with a protocol approved by the Department. If the test is being used as a substitute for that year's tune-up, then the test shall be performed by May 1st, otherwise the test shall be performed within 60 days of the five year anniversary of the previous test. The Department may allow alternate timeframes upon written request. The facility owner or operator shall notify the Department at least 30 days prior to performing the compliance test and the test shall be witnessed by a representative of the Department. The final test report shall be submitted to the Department within 60 days of completion of the performance test.

Upper Permit Limit: 5.5 pounds per ton

Reference Test Method: EPA Approved Methods

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 32: Compliance Certification
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 212.10

Item 32.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC

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

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

Prior to May 1st of each calendar year, unless an alternate timeframe is approved by the Department, the facility owner or operator shall adjust each furnace's combustion as follows:

- a. Inspect each burner, clean or replace any components of the burner as necessary to minimize NO_x emissions.
- b. The following measurements shall be made and combustion adjustments continued as necessary until the data confirms the tune-up has been satisfactorily completed.

The NO_x and O₂ flue gas concentrations shall be recorded for one complete left and right firing cycle using a portable analyzer (ex. fuel cell) or equivalent in accordance with a sampling protocol approved by the Department. Using this data, the furnace production rate, the fuel F factor, and the NO_x emission rate shall be calculated in units of the standard (lb/ton glass produced).

- c. The owner or operator shall record the results of the annual inspection and keep these records at the facility. For each annual inspection, the records shall also identify:
 - i. Portable instrument zero and span calibration in accordance with the approved sampling protocol;
 - ii. The date of the adjustment and the times at which it began and ended;
 - iii. The name, title and affiliation of the person who made the adjustment; and
 - iv. Upon completion of the tune-up the following information shall be recorded: furnace production rate (TPD), fuel firing rate (MCFH), NO_x (ppmv, dry) and O₂ (% dry) concentrations.

The results of the annual tune-ups shall be made available to Department representatives upon request.

The NO_x compliance test required to be performed every 5 years may be substituted for that year's tune-up as long as the performance test is conducted prior to May 1st. The Department may allow an alternate timeframe upon written request. All notification and reporting requirements for the NO_x performance test would still apply.

New York State Department of Environmental Conservation

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004



Monitoring Frequency: ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 33: Compliance Certification

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR Part 212

Item 33.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC

Process: FRN

Emission Source: FURNA

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This furnace is limited to 365 tons/day melted glass pulled (calendar day total) until stack testing is performed demonstrating compliance with the NO_x, particulate and opacity limits at a higher production rate. This limit may be exceeded if a compliance test is performed within 60 days of the first exceedance, in accordance with a Department approved protocol and witnessed by a Department representative. Upon successful demonstration of compliance at a higher production rate, the facility shall be allowed to operate up to the production rate during stack testing plus 10%.

The provisions of 6NYCRR Part 202-1 apply to all compliance tests.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GLASS

Upper Permit Limit: 365 tons per day

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 34: Compliance Certification

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR Part 212



Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-FURNC

Process: FRN

Emission Source: FURNB

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This furnace is limited to 310 tons/day melted glass pulled (calendar day total) until stack testing is performed demonstrating compliance with the NO_x, particulate and opacity limits at a higher production rate. This limit may be exceeded if a compliance test is performed within 60 days of the first exceedance, in accordance with a Department approved protocol and witnessed by a Department representative. Upon successful demonstration of compliance at a higher production rate, the facility shall be allowed to operate up to the production rate during stack testing plus 10%.

The provisions of 6NYCRR Part 202-1 apply to all compliance tests.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GLASS

Upper Permit Limit: 310 tons per day

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 35: Compliance Certification

Effective between the dates of 04/01/2008 and 03/31/2013

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-RAWMT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 35.2:

New York State Department of Environmental Conservation

Permit ID: 7-0552-00004/00019

Facility DEC ID: 7055200004



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Compliance testing will be conducted at the discretion of the Department. A final test report must be submitted for each monitoring occurrence. Testing and reporting shall be conducted in accordance with the provisions of 6NYCRR Subpart 202-1.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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

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

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 36: Contaminant List
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable State Requirement:ECL 19-0301

Item 36.1:
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: 0NY210-00-0
Name: OXIDES OF NITROGEN

Condition 37: Unavoidable noncompliance and violations
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable State Requirement: 6 NYCRR 201-1.4

Item 37.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as

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determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) 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.

Condition 38: Air pollution prohibited
Effective between the dates of 04/01/2008 and 03/31/2013

Applicable State Requirement:6 NYCRR 211.2

Item 38.1:

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.

