



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-0704-00036/00041
Effective Date: 10/02/2012 Expiration Date: 10/01/2017

Permit Issued To: ARDAGH GLASS INC
401 E JACKSON ST STE 2800
TAMPA, FL 33602

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

Facility: ARDAGH GLASS INC
151 E MCCANNS BLVD
ELMIRA HEIGHTS, NY 14903

Contact: MICHAEL GESEK
ARDAGH GLASS INC
151 E MCCANNS BLVD - PO BOX 849
ELMIRA, NY 14903-0849
(607) 737-1933

Description:
Renewal of Title V Permit for glass container production facility operations - SIC
Code 3221.

The Anchor Glass Container Corporation facility is subject to Part 201-6 (Title V) regulations due to potential emissions of NO_x, SO₂, particulates, and PM-10 in excess of 250 tons per year each.

Emission Unit 0-00001 includes 2 glass melting furnaces, 6 glass container forming lines, and 6 vapor deposition coating lines.

Emission Unit 0-00002 includes 6 emission points exhausting raw material unloading, weighing, transfer and mixing operations, and 5 emission sources representing fugitive emissions from glass cullet storage piles.

Emission Unit 0-00003 includes 6 inkjet printers to code the finished containers.

Emission Unit 0-00004 includes processing and handling for recycling cardboard packaging materials.

New York State Department of Environmental Conservation
Facility DEC ID: 8070400036



Emission Unit 0-00005 includes crushing operations for glass cullet.

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: SCOTT SHEELEY
 NYS DEC
 6274 E AVON-LIMA RD
 AVON, NY 14414

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 8 HEADQUARTERS



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

Condition 5: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

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

New York State Department of Environmental Conservation

Permit ID: 8-0704-00036/00041

Facility DEC ID: 8070400036



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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401 E JACKSON ST STE 2800
TAMPA, FL 33602

Facility: ARDAGH GLASS INC
151 E MCCANNS BLVD
ELMIRA HEIGHTS, NY 14903

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

Permit Effective Date: 10/02/2012

Permit Expiration Date: 10/01/2017



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 215.2: Open Fires - Prohibitions
 - 10 6 NYCRR 200.7: Maintenance of Equipment
 - 11 6 NYCRR 201-1.7: Recycling and Salvage
 - 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
 - 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
 - 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
 - 15 6 NYCRR 201-6.5 (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 40 CFR Part 68: Accidental release provisions.
 - 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
 - 22 6 NYCRR Subpart 201-6: Emission Unit Definition
 - 23 6 NYCRR 201-6.5 (c) (3): Compliance Certification
 - 24 6 NYCRR 201-6.5 (f): Compliance Certification
 - 25 6 NYCRR 201-6.5 (g): Non Applicable requirements
 - 26 6 NYCRR 211.1: Air pollution prohibited
 - 27 6 NYCRR 212.6 (a): Compliance Certification
 - 28 6 NYCRR 225-1.2 (a) (2): Compliance Certification
 - 29 6 NYCRR 225-1.8 (a): Compliance Certification
 - 30 6 NYCRR Part 226: Compliance Certification
 - 31 40 CFR Part 98: Mandatory greenhouse gas reporting
- #### Emission Unit Level
- 32 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
 - 33 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=0-00001

- 34 6 NYCRR 212.11 (a): Sampling and Monitoring

EU=0-00001,Proc=O1A

- 35 6 NYCRR 212.9 (d): Compliance Certification

EU=0-00001,Proc=O1A,ES=10000

- 36 6 NYCRR 212.10 (a) (2): Compliance Certification



EU=0-00001,Proc=O1A,ES=20000
37 6 NYCRR 212.10 (a) (2): Compliance Certification

EU=0-00001,EP=00001,Proc=O1A,ES=10000
38 6 NYCRR 212.9 (b): Compliance Certification

EU=0-00001,EP=00002,Proc=O1A,ES=20000
39 6 NYCRR 212.9 (b): Compliance Certification

EU=0-00002,Proc=OO2
40 6 NYCRR 212.11 (a): Sampling and Monitoring

EU=0-00002,Proc=OO2,ES=24A00
41 6 NYCRR 212.4 (c): Compliance Certification

EU=0-00002,Proc=OO2,ES=25A00
42 6 NYCRR 212.4 (c): Compliance Certification

EU=0-00002,Proc=OO2,ES=27A00
43 6 NYCRR 212.4 (c): Compliance Certification

EU=0-00002,Proc=OO2,ES=4A000
44 6 NYCRR 212.4 (c): Compliance Certification

EU=0-00002,Proc=OO2,ES=9A000
45 6 NYCRR 212.4 (c): Compliance Certification

EU=0-00004
46 6 NYCRR 212.11 (a): Sampling and Monitoring

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

47 ECL 19-0301: Contaminant List

48 6 NYCRR 201-1.4: Unavoidable noncompliance and violations

Emission Unit Level

EU=0-00001,Proc=O1B
49 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications

EU=0-00001,Proc=O1C
50 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications

EU=0-00003,Proc=OO3,ES=U0004
51 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications



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 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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

Condition 2: Fees
Effective between the dates of 10/02/2012 and 10/01/2017

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 72-0303.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 10/02/2012 and 10/01/2017

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 10/02/2012 and 10/01/2017

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 10/02/2012 and 10/01/2017

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 1/30/2013.

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



Condition 6: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

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:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to



Condition 8: Recordkeeping requirements
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

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

Condition 9: Open Fires - Prohibitions
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

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



Condition 16: General Condition - Right to Inspect
Effective between the dates of 10/02/2012 and 10/01/2017

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 10/02/2012 and 10/01/2017

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 10/02/2012 and 10/01/2017

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



Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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 22: Emission Unit Definition
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: 0-00001

Emission Unit Description:

This unit consists of two glass melting furnaces, identified as ES 10000 and ES 20000, as well as six associated hot end coating operations (ES HEC01 and ES HEC02) and six associated glass forming lines (ES GFM01 and ES GFM02). This unit has two associated emission points identified as 00001 and 00002, and two potential fugitive emission points identified as R1VNT and R2VNT. The two fugitive emission points are large Robinson roof top ventilators above the glass forming lines. There are three processes for this unit identified as 01a, 01b, and 01c, which are described in the process description section. Processes 01b and 01c will be operated concurrently with process 01a. The glass melting furnaces operate using natural gas as a fuel source.

Building(s): 1M

Item 22.2:

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

Emission Unit: 0-00002

Emission Unit Description:

This unit is raw material handling sources. There are two associated processes identified as 002 (raw material handling) and 02B (indoor and outdoor raw material fugitive sources). Process 002 consists of six emission points identified as 00024, 00025, 00026, 00027, 00004, 00028 and ESRN9; six emission sources identified as NSE24, NSE25, NSE26, NSE27, 40000, NRSE9, NSE28; and six associated control devices identified as 24A00, 25A00, 27A00, 4A000, and 9A000. Process 02B consists of five

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emission sources identified as U0019 (flint cullet storage pile), U0020 (flint cullet storage piles), U0021 (amber cullet storage pile), U0022 (amber cullet storage pile), and 00041 (indoor and outdoor fugitive sources).

Building(s): BHS

Item 22.3:

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

Emission Unit: 0-00003

Emission Unit Description:

This emission unit consists of one emission source identified as U0004, which includes six video inkjet printers. There is no associated emission point. The associated process is identified as 003 and is described in the process description section.

Building(s): 1M

Item 22.4:

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

Emission Unit: 0-00004

Emission Unit Description:

This unit consists of a cardboard shredder/baler, identified as ES 80000, with associated control device identified as ES 8A000, and emission point identified as EP 00008. The associated process is identified as 008 and is described in the process description section.

Building(s): 9W

Item 22.5:

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

Emission Unit: 0-00005

Emission Unit Description:

This unit consists of two cullet crushers, which is identified as ES U0040. There are no physical emission points or associated control devices. There is one process which is identified as 005 and is described in the process description section.

Building(s): OUTSIDE

Condition 23: Compliance Certification

Effective between the dates of 10/02/2012 and 10/01/2017

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

Item 23.1:

The Compliance Certification activity will be performed for the Facility.

Item 23.2:

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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.

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 Compliance Monitoring and Enforcement (BCME) 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 1/30/2013.

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

Condition 24: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

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



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:

Operational Flexibility Plan

Plan Objective

The objective of this Plan is to maximize operational flexibility by building capability into the Title V Permit for the facility to make administrative and/or minor changes following a pre-established protocol as allowed for in 6 NYCRR, Part 201-6.5(f).

This plan does not address those types of changes that would invoke the Part 201-6.7(d) "Significant Permit Modification". Rather, it addresses changes that qualify, as minor modifications pursuant to the criteria specified by 6 NYCRR, Part 201-6.7(c)(1)(i) and (ii):

(1) Do not violate any applicable requirement;

(2) Do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the permit and are not otherwise a significant change in the permit.

Protocol for Changes

(1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by Department representatives upon request.

(i) changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under this Chapter;

(ii) changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements under this Chapter;

(iii) changes that do not seek to establish or modify a federally-enforceable emission cap or limit.



(2) In addition to the record keeping required under (1) above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:

(i) the installation or relocation of any emission source, process, or emission point within a facility;

(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;

(iii) the installation or alteration of any air cleaning installation, device or control equipment.

(3) The Department may require a permit modification, in order to impose new applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the potential air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.

Reporting

On an annual basis, the facility must submit a summary of all changes made under the Protocol for Changes during that year. This summary is to be submitted as part of the annual compliance certification pursuant to 6 NYCRR 201-6.5(e).

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 1/30/2013.

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

Condition 25: Non Applicable requirements

Effective between the dates of 10/02/2012 and 10/01/2017

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



Item 25.1:

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

Condition 26: Air pollution prohibited
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 211.1

Item 26.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 27: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

If visible emissions above those that are normal (this may be zero percent opacity for many or all emission

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 29: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 225-1.8 (a)

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 30: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR Part 226

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR 226. Requirements for Open-top Vapor Degreasers
(For Title V)



A. Equipment Specifications

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

- 1) A cover which can be operated easily without disturbing the vapor zone.
- (2) Safety switches which shut off the sump heat if the condenser malfunctions and shall shut off the pump if the vapor level drops excessively
- (3) One of the following:
 - (i) a freeboard ratio that is greater than or equal to 0.75, and a powered or mechanically assisted cover if the top opening is greater than 10 square feet;
 - (ii) a refrigerated chiller; or
 - (iii) local exhaust ventilation and a carbon adsorption unit, or an equivalent system, for collection of VOCs.

B. Operating Requirements:

- (1) Minimize solvent carry-out by the following measures:
 - (i) rack parts to allow full drainage;
 - (ii) move parts in and out of degreaser tank at less than 11 ft/min;
 - (iii) degrease the work load in the vapor zone at least 30 seconds or until condensation ceases;
 - (iv) tip out any pools of solvent before removal; and
 - (v) dry parts for at least 15 seconds before removal.
- (2) Work loads shall not occupy more than half the open-top area of the degreaser tank.
- (3) Spray only below the vapor level.

C. General Requirements:

A Person conducting solvent metal cleaning must:

- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.



- (4) Keep the degreaser cover closed except when:
 - (a) parts are being placed into or being removed from the degreaser;
 - (b) adding or removing solvent from the degreaser;or
 - (c) no solvent is in the degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
- (6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
- (7) Include in the semiannual monitoring report and annual compliance certifications (required of all permittees subject to Title V) the solvent consumption required under (5) above, as well as a statement that the permittee's obligations under items (1) through (6) above have been met for the period of the report or certification.. This statement must be based on the permittees observations on a daily basis that the operation of the solvent metal cleaning process has met the above criteria. The permittee must maintain a log of instances when the above have not been met, and such statement must summarize these instances.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 31: Mandatory greenhouse gas reporting
Effective between the dates of 10/02/2012 and 10/01/2017**

Applicable Federal Requirement:40 CFR Part 98

Item 31.1:

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

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



**** Emission Unit Level ****

Condition 32: Emission Point Definition By Emission Unit
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 32.1:

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

Emission Unit: 0-00001

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

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

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

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

Item 32.2:

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

Emission Unit: 0-00002

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

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

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

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

Emission Point: 00027
Height (ft.): 10 Diameter (in.): 6
NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: BHS



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

Item 32.3:

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

Emission Unit: 0-00004

Emission Point: 00008
Height (ft.): 30 Diameter (in.): 59
NYTMN (km.): 4664.521 NYTME (km.): 349.631 Building: 9W

Condition 33: Process Definition By Emission Unit
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 33.1:

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

Emission Unit: 0-00001
Process: O1A Source Classification Code: 3-05-014-02
Process Description:
Glass melting. This process is the melting of raw materials to produce glass. This is a continuous melting process and is fueled by natural gas. Under this process, NOx emissions are controlled by air staging.

Emission Source/Control: 10000 - Process
Design Capacity: 400 tons per day

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

Item 33.2:

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

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

Emission Source/Control: GFM01 - Process

Emission Source/Control: GFM02 - Process



Item 33.3:

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

Emission Unit: 0-00001
Process: O1C Source Classification Code: 3-05-014-06

Process Description:

Hot End Coating. In this process glass containers pass through a hot end vapor deposition hood, wherein a tin-based coating is applied as a surface preparation prior to the cold end coating, and annealing lehrs (which are exempt pursuant to 6 NYCRR 201-3 .2(c)1).

Emission Source/Control: HEC01 - Process

Emission Source/Control: HEC02 - Process

Item 33.4:

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

Emission Unit: 0-00002
Process: O2B Source Classification Code: 3-05-014-10

Process Description:

This process represents cullet storage and raw material handling (ie: transferring, weighing, mixing, conveying, etc...) Which contribute to fugitive emissions of such materials.

Emission Source/Control: 00041 - Process

Emission Source/Control: U0019 - Process

Emission Source/Control: U0020 - Process

Emission Source/Control: U0021 - Process

Emission Source/Control: U0022 - Process

Item 33.5:

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

Emission Unit: 0-00002
Process: OO2 Source Classification Code: 3-05-014-10

Process Description:

This process is the unloading, weighing, transferring, mixing, etc., of raw materials used in the glass making process. These raw materials include, but are not limited to, soda ash, sand, limestone, and cullet.

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

Emission Source/Control: 25A00 - Control



Control Type: FABRIC FILTER

Emission Source/Control: 27A00 - Control
Control Type: FABRIC FILTER

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

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

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

Emission Source/Control: 40000 - Process

Emission Source/Control: NRSE9 - Process

Emission Source/Control: NSE24 - Process

Emission Source/Control: NSE25 - Process

Emission Source/Control: NSE26 - Process

Emission Source/Control: NSE27 - Process

Emission Source/Control: NSE28 - Process

Item 33.6:

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

Emission Unit: 0-00003

Process: OO3

Source Classification Code: 4-02-999-95

Process Description:

This process is the printing of the final product (glass containers) with boolean dates and codes, specific to the customer, through the use of videojet printers.

Emission Source/Control: U0004 - Process

Item 33.7:

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

Emission Unit: 0-00004

Process: OO8

Source Classification Code: 3-05-014-11

Process Description:

This process is the shredding and baling of used cartons and other corrugated, scrap and cardboard. Cyclone is part of the conveyance operation.

Emission Source/Control: 8A000 - Control
Control Type: SINGLE CYCLONE



Emission Source/Control: 80000 - Process

Item 33.8:

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

Emission Unit: 0-00005

Process: OO5

Source Classification Code: 3-05-014-13

Process Description:

This process is the crushing of various colors and types of cullet.

Emission Source/Control: U0040 - Process

Condition 34: Sampling and Monitoring
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 212.11 (a)

Item 34.1:

This Condition applies to Emission Unit: 0-00001

Item 34.2:

The owner and/or operator of this facility, if required by the department to conduct stack testing to demonstrate compliance with 6 NYCRR Part 212, must comply with notification requirements and conduct capture efficiency and/or stack testing using acceptable procedures pursuant to 6 NYCRR Part 202.

Condition 35: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 212.9 (d)

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: O1A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with particulate matter limits for each furnace shall be determined by stack testing to be conducted within 180 days of permit issuance and every five years thereafter. Compliance shall be based on

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limits calculated from Part 212.9 Table 4 equation using the process weight at the time of testing.

All stack tests shall be performed in accordance with the USEPA reference method for particulate matter as set forth in 40 CFR 60 and 6 NYCRR Part 202.

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 36: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

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

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: O1A

Emission Source: 10000

Regulated Contaminant(s):

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

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to maintain compliance with NO_x RACT requirements, anchor shall use air staging NO_x reduction technology and optimize combustion controls during the operation of furnace #1. NO_x emissions from furnace #1 (ep 00001) are limited to 4.49 lbs NO_x/ton of glass produced. Stack tests shall be conducted once per permit term to verify compliance with this limit.

All stack tests shall be performed in accordance with the USEPA reference method for NO_x as set forth in 40 CFR 60 and 6 NYCRR Part 202. Each stack test shall measure emissions of NO_x and O₂ in the exhaust stacks. This compliance certification will not be applicable when the facility installs a CEMS as required by 6NYCRR 220-2.

Upper Permit Limit: 4.49 pounds per ton

Reference Test Method: METHOD 7E

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Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 37: Compliance Certification
Effective between the dates of 10/02/2012 and 10/01/2017

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

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: O1A

Emission Source: 20000

Regulated Contaminant(s):

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to maintain compliance with NO_x RACT requirements, anchor shall use air staging NO_x reduction technology and optimize combustion controls during the operation of furnace #2. NO_x emissions from furnace #2 (EP 00002) are limited to 5.00 lbs NO_x/ton of glass produced. Stack tests shall be conducted once per permit term to verify compliance with this limit.

All stack tests shall be performed in accordance with the USEPA reference method for NO_x as set forth in 40 CFR 60 and 6 NYCRR Part 202. Each stack test shall measure emissions of NO_x and O₂ in the exhaust stacks.

This compliance certification will not be applicable when the facility installs a CEMS as required by 6 NYCRR 220-2.

Upper Permit Limit: 5.00 pounds per ton

Reference Test Method: METHOD 7E

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

New York State Department of Environmental Conservation

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The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: OO2

Emission Source: 24A00

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Manufacturer Name/Model Number: FlexKleen/84 BVS-9

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 1.0 inches of water

Upper Permit Limit: 3.9 inches of water

Monitoring Frequency: WEEKLY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 42: Compliance Certification

Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: OO2

Emission Source: 25A00

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

New York State Department of Environmental Conservation

Permit ID: 8-0704-00036/00041

Facility DEC ID: 8070400036



RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 46: Sampling and Monitoring

Effective between the dates of 10/02/2012 and 10/01/2017

Applicable Federal Requirement:6 NYCRR 212.11 (a)

Item 46.1:

This Condition applies to Emission Unit: 0-00004

Item 46.2:

The owner and/or operator of this facility, if required by the department to conduct stack testing to demonstrate compliance with 6 NYCRR Part 212, must comply with notification requirements and conduct capture efficiency and/or stack testing using acceptable procedures pursuant to 6 NYCRR Part 202.



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 47: Contaminant List
Effective between the dates of 10/02/2012 and 10/01/2017

Applicable State Requirement:ECL 19-0301

Item 47.1:

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

New York State Department of Environmental Conservation

Permit ID: 8-0704-00036/00041

Facility DEC ID: 8070400036



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 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.

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

**Condition 49: Emissions from new emission sources and/or modifications
Effective between the dates of 10/02/2012 and 10/01/2017**

Applicable State Requirement:6 NYCRR 212.4 (a)

Item 49.1:

This Condition applies to Emission Unit: 0-00001
Process: O1B

Item 49.2:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 50: Emissions from new emission sources and/or modifications
Effective between the dates of 10/02/2012 and 10/01/2017**

Applicable State Requirement:6 NYCRR 212.4 (a)

Item 50.1:

This Condition applies to Emission Unit: 0-00001
Process: O1C

Item 50.2:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 51: Emissions from new emission sources and/or modifications
Effective between the dates of 10/02/2012 and 10/01/2017**

Applicable State Requirement:6 NYCRR 212.4 (a)

Item 51.1:

This Condition applies to Emission Unit: 0-00003
Process: OO3 Emission Source: U0004

New York State Department of Environmental Conservation

Permit ID: 8-0704-00036/00041

Facility DEC ID: 8070400036



Item 51.2:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

