New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 8-0704-00036/00041 Renewal Number: 1 **07/06/2007**

Facility Identification Data
Name: ANCHOR GLASS CONTAINER CORP
Address: 151 EAST MCCANNS BLVD
ELMIRA HEIGHTS, NY 14903

Owner/Firm
Name: ANCHOR GLASS CONTAINER CORP
Address: 4343 ANCHOR PLAZA PARKWAY
TAMPA, FL 33634-7537, USA
Owner Classification: Corporation/Partnership

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ELMIRA, NY 14903
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Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project
Application for renewal of Air Title V Facility Permit.

Attainment Status

ANCHOR GLASS CONTAINER CORP is located in the town of ELMIRA in the county of CHEMUNG.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	TRANSPORT REGION (NON-ATTAINMENT)
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

This facility manufactures glass containers for the beverage and food packaging industries. Raw materials (e.g., sand, limestone, soda ash, and minor quantities of other solid mineral products) are delivered to the facility by rail car and by truck. Upon receipt, raw materials are unloaded in bulk into screw conveyors that transfer the different raw materials to separate storage silos. Raw materials are weighed in precise amounts and blended for delivery to the glass melting furnace. The precisely mixed raw materials are delivered to the furnaces for continuous melting. The furnaces, which are primarily fueled by a combination of natural gas or propane, melt the raw materials into a viscous fluid. The glass is cooled to forming temperatures in the refiner, alcoves, and forehearths. Shearing mechanisms cut continuous streams of molten glass into precise increments of hot, viscous glass called gobs. Those gobs are gravity fed to the forming machines. The forming machines form containers from the gob s by shaping the glass using a combination of mechanical pressing and air blowing processes. Several hundred containers per minute are produced. The glass containers then pass through a hot end vapor deposition hood, where a tin based coating is applied as a surface preparation prior to the cold end coating. Containers are delivered on a belt to annealing lehrs to remove residual stresses induced during container forming and then to allow the containers time to cool before further processing. After the annealing process, containers pass through a fog coating hood which applies a food grade material for

surface lubricity to aid in subsequent handling. A spray coater applies a polyethylene coating after application of the food-grade coating to the container's exterior surface as a scratch preventative. A videojet printing system puts identifying numbers on selected containers and cartons as required by various customers. Containers are then automatically put into cardboard boxes or onto pallets for bulk handling and shipping.

Permit Structure and Description of Operations

The Title V permit for ANCHOR GLASS CONTAINER CORP is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.
A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

combustion	-	devices which burn fuel to generate heat, steam or power
incinerator	-	devices which burn waste material for disposal
control	-	emission control devices
process	-	any device or contrivance which may emit air contaminants that is not included in the above categories.

ANCHOR GLASS CONTAINER CORP is defined by the following emission unit(s):
Emission unit 000001 - 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 may operate using either natural gas or propane as a fuel source.

Emission unit 000001 is associated with the following emission points (EP):
00001, 00002, R1VNT, R2VNT
It is further defined by the following process(es):
Process: O1A is located at Building 1M - 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 and/or propane. Under this process, NOx emissions are controlled by air staging .
Process: O1B is located at Building 1M - 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.
Process: O1C is located at Building 1M - 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 unit 000002 - 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, and ESRN9; six emission sources identified as NSE24, NSE25, NSE26, NSE27, 40000, NRSE9; and six associated control devices identified as 24A00, 25A00, 26A00, 27A00, 4A000, and 9A000. Process 02B consists of five 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).
Emission unit 000002 is associated with the following emission points (EP):
00004, 00024, 00025, 00026, 00027, ESRN9
It is further defined by the following process(es):
Process: O2B is located at Building BHS - This process represents cullet storage and raw material handling (ie: transfering, weighing, mixing, conveying, etc...) Which contribute to fugitive emissions of such materials.
Process: OO2 is located at Building BHS - 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 unit 000003 - 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.
It is further defined by the following process(es):
Process: OO3 is located at Building 1M - 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 unit 000004 - 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.
Emission unit 000004 is associated with the following emission points (EP):
00008
It is further defined by the following process(es):
Process: OO8 is located at Building 9W - This process is the shredding and baling of used cartons and other corrugated, scrap and cardboard. Cyclone is part of the conveyance operation.

Emission unit 000005 - 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.

It is further defined by the following process(es):
Process: OO5 is located at Building OUTSIDE - This process is the crushing of various colors and types of cullet.

Title V/Major Source Status
ANCHOR GLASS CONTAINER CORP is subject to Title V requirements. This determination is based on the following information:
Major source requirements triggered by potential NOx emissions greater than 100 TPY.

Program Applicability
The following chart summarizes the applicability of ANCHOR GLASS CONTAINER CORP with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	NO
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:
PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality

Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's(hydrofluorocarbons)or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
3221	GLASS CONTAINERS

SCC Codes

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
3-05-014-06	MINERAL PRODUCTS MINERAL PRODUCTS - GLASS MANUFACTURE Container Glass: Forming/Finishing
3-05-014-02	MINERAL PRODUCTS MINERAL PRODUCTS - GLASS MANUFACTURE Container Glass: Melting Furnace
3-05-014-13	MINERAL PRODUCTS MINERAL PRODUCTS - GLASS MANUFACTURE Cullet: Crushing/Grinding
3-05-014-11	MINERAL PRODUCTS MINERAL PRODUCTS - GLASS MANUFACTURE GENERAL **
3-05-014-10	MINERAL PRODUCTS MINERAL PRODUCTS - GLASS MANUFACTURE Raw Material Handling (All Types of Glass)
4-02-999-95	SURFACE COATING OPERATIONS SURFACE COATING OPERATIONS - MISCELLANEOUS Specify in Comments Field

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to

emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant , including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
007440-38-2	ARSENIC(HAP)		> 0 but < 10 tpy
007440-41-7	BERYLLIUM(HAP)		> 0 but < 10 tpy
007440-43-9	CADMIUM(HAP)		> 0 but < 10 tpy
000630-08-0	CARBON MONOXIDE		>= 50 tpy but < 100 tpy
007440-47-3	CHROMIUM(HAP)		> 0 but < 10 tpy
007440-48-4	COBALT(HAP)		> 0 but < 10 tpy
0NY100-00-0	HAP		>= 2.5 tpy but < 10 tpy
007647-01-0	HYDROGEN CHLORIDE(HAP)		> 0 but < 10 tpy
007439-92-1	LEAD(HAP)		> 0 but < 10 tpy
007439-96-5	MANGANESE(HAP)		> 0 but < 10 tpy
007439-97-6	MERCURY(HAP)		> 0 but < 10 tpy
000067-56-1	METHYL ALCOHOL(HAP)		> 0 but < 10 tpy
000078-93-3	METHYL ETHYL KETONE		> 0 but < 10 tpy
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS(HAP)		> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN		>= 250 tpy
0NY075-00-0	PARTICULATES		>= 250 tpy
0NY075-00-5	PM-10		>= 250 tpy
007446-09-5	SULFUR DIOXIDE		>= 250 tpy
0NY998-00-0	VOC		>= 40 tpy but < 50 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Emergency Defense - 6NYCRR Part 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 - 6NYCRR Part 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 6NYCRR 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 Part 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 Part 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 Part 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 Part 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 - 6NYCRR Part 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 Part 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 Part 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 Part 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 Part 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.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
FACILITY	ECL 19-0301	Powers and Duties of the Department with respect to air pollution control	46
FACILITY	40CFR 68	Chemical accident prevention provisions	20
FACILITY	40CFR 82-F	Protection of Stratospheric Ozone - recycling and emissions reduction	21
FACILITY	6NYCRR 200.6	Acceptable ambient air quality.	1
FACILITY	6NYCRR 200.7	Maintenance of equipment.	10
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	47
FACILITY	6NYCRR 201-1.7	Recycling and Salvage	11
FACILITY	6NYCRR 201-1.8	Prohibition of reintroduction of collected contaminants to the air	22
FACILITY	6NYCRR 201-3.2(a)	Exempt Activities - Proof of eligibility	12
FACILITY	6NYCRR 201-3.3(a)	Trivial Activities - proof of eligibility	13
FACILITY	6NYCRR 201-6	Title V Permits and the Associated Permit Conditions	23, 30, 31
FACILITY	6NYCRR 201-6.5(a)(4)	General conditions	14
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FACILITY	6NYCRR 201-6.5(c)	Permit conditions for Recordkeeping and	3

		Reporting of Compliance Monitoring	
FACILITY	6NYCRR 201-6.5(c)(2)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	4
FACILITY	6NYCRR 201-6.5(c)(3)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	24
FACILITY	6NYCRR 201-6.5(c)(3)(ii)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	5
FACILITY	6NYCRR 201-6.5(d)(5)	Compliance schedules	16
FACILITY	6NYCRR 201-6.5(e)	Compliance Certification	6
FACILITY	6NYCRR 201-6.5(f)	Operational flexibility	25
FACILITY	6NYCRR 201-6.5(f)(6)	Off Permit Changes	17
FACILITY	6NYCRR 201-6.5(g)	Permit shield	26
FACILITY	6NYCRR 202-1.1	Required emissions tests.	18
FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	7
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	8
FACILITY	6NYCRR 211.2	General Prohibitions - air pollution prohibited.	48
FACILITY	6NYCRR 211.3	General Prohibitions - visible emissions limited	19
0-00001/-/O1A/10000	6NYCRR 212.10(a)(2)	NOx and VOC RACT required at major facilities	34
0-00001/-/O1A/20000	6NYCRR 212.10(a)(2)	NOx and VOC RACT required at major facilities	35
0-00001	6NYCRR 212.11(a)	Sampling and monitoring	32
0-00002/-/OO2	6NYCRR 212.11(a)	Sampling and monitoring	38
0-00004	6NYCRR 212.11(a)	Sampling and monitoring	45
0-00001/-/O1B	6NYCRR 212.4(a)	General Process Emission Sources - emissions from new sources and/or modifications	49
0-00001/-/O1C	6NYCRR 212.4(a)	General Process Emission Sources - emissions from new sources and/or modifications	50
0-00003/-/OO3/U0004	6NYCRR 212.4(a)	General Process Emission Sources - emissions from new sources and/or modifications	51
0-00002/-/OO2/24A00	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	39
0-00002/-/OO2/25A00	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	40
0-00002/-/OO2/26A00	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	41
0-00002/-/OO2/27A00	6NYCRR 212.4(c)	General Process Emission	42

		Sources - emissions from new processes and/or modifications	
0-00002/-/OO2/4A000	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	43
0-00002/-/OO2/9A000	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	44
FACILITY	6NYCRR 212.6(a)	General Process Emission Sources - opacity of emissions limited	27
0-00001/00001/O1A/10000	6NYCRR 212.9(b)	General Process Emission Sources - tables	36
0-00001/00002/O1A/20000	6NYCRR 212.9(b)	General Process Emission Sources - tables	37
0-00001/-/O1A	6NYCRR 212.9(d)	Tables.	33
FACILITY	6NYCRR 215	Open Fires	9
FACILITY	6NYCRR 225-1.2(a)(2)	Sulfur in Fuel Limitations Post 12/31/87.	28
FACILITY	6NYCRR 225-1.8(a)	Reports, sampling and analysis.	29

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-301.
This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6NYCRR Part 200-.6
Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-.7
Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.4
This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-1.7
Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8
Prohibits the reintroduction of collected air contaminants to the outside air

6NYCRR Part 201-3.2(a)
An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart.
All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6NYCRR Part 201-3.3(a)
The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial 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.

6NYCRR Part 201-6
This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR 201-6.5(a)(4)
This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.

The request may include copies of records required to be kept by the permit.

6NYCRR 201-6.5(a)(7)
This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6NYCRR 201-6.5(a)(8)
This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6NYCRR Part 201-6.5(c)
This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)
This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(c)(3)
This regulation specifies that the permit incorporate all reporting requirements associated with an applicable federal rule, the submittal of any required monitoring reports at least every 6 months, and the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR Part 201-6.5(c)(3)(ii)
This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 201-6.5(d)(5)
This condition applies to every Title V facility subject to a compliance schedule.

It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6NYCRR Part 201-6.5(e)
Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR 201-6.5(f)(6)
This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6NYCRR Part 201-6.5(g)
Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed by it.

6NYCRR Part 202-1.1
This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6NYCRR Part 202-2.1
Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 202-2.5
This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-.2
This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR Part 211.3
This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6 NYCRR Part 215
Prohibits open fires at industrial and commercial sites.

40 CFR Part 68.
This Part lists the regulated substances and there applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F
Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements
In addition to Title V, ANCHOR GLASS CONTAINER CORP has been determined to be subject to the following regulations:

6NYCRR 201-6.5 (f)
This condition defines operational flexibility and under what circumstances changes would be allowed without a permit modification provided the protocol in the condition is met.

6NYCRR 212 .10 (a) (2)
Air staging is required to meet NOx emission limit of 5.00 lbs/ton of glass produced. Annual NOx stack tests are required to demonstrate compliance.

6NYCRR 212 .11 (a)
This requirement sets the criteria for stack testing.

6NYCRR 212 .4 (a)
This rule requires compliance with the degree of control specified in Tables 2, 3 and 4 for new (after July 1, 1973) process emission sources.

6NYCRR 212 .4 (c)
This rule requires existing sources (in operation after July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible

Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.05 grains per dry standard cubic foot.

6NYCRR 212 .6 (a)
This rule specifies an opacity limitation of less than 20% for any six consecutive minute period for all process emission sources.

6NYCRR 212 .9 (b)
This section refers to Table 2 which specifies the degree of control required for Gases and Liquid Particulate Emissions (Environmental Rating of A, B, C or D) and Solid Particulate Emissions (Environmental Rating A or D) but excluding Volatile Organic Compound Emissions in the New York City Metropolitan Area.

6NYCRR 212 .9 (d)
This requirement describes the particulate emission rate where process weight is used to establish the emission limit (glass melting furnaces).

6NYCRR 225-1.2 (a) (2)
This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6NYCRR 225-1.8 (a)
Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years

Compliance Certification
Summary of monitoring activities at ANCHOR GLASS CONTAINER CORP:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
FACILITY	record keeping/maintenance procedures	24
FACILITY	record keeping/maintenance procedures	5
FACILITY	record keeping/maintenance procedures	6
FACILITY	record keeping/maintenance procedures	25
FACILITY	record keeping/maintenance procedures	7
0-00001/-/O1A/10000	intermittent emission testing	34
0-00001/-/O1A/20000	intermittent emission testing	35
0-00002/-/OO2/24A00	monitoring of process or control device parameters as surrogate	39
0-00002/-/OO2/25A00	monitoring of process or control device parameters as surrogate	40
0-00002/-/OO2/26A00	monitoring of process or control device parameters as surrogate	41
0-00002/-/OO2/27A00	monitoring of process or control device parameters as surrogate	42
0-00002/-/OO2/4A000	monitoring of process or control device	43

	parameters as surrogate	
0-00002/-/OO2/9A000	monitoring of process or control device parameters as surrogate	44
FACILITY	record keeping/maintenance procedures	27
0-00001/00001/O1A/10000	record keeping/maintenance procedures	36
0-00001/00002/O1A/20000	record keeping/maintenance procedures	37
0-00001/-/O1A	record keeping/maintenance procedures	33
FACILITY	work practice involving specific operations	28
FACILITY	record keeping/maintenance procedures	29

Basis for Monitoring

Condition 5 : 40 CFR 70 and 6NYCRR Part 201-6 requires semiannual reporting of the status of all monitoring conditions.

Condition 6: 40 CFR 70 and 6 NYCRR Part 201-6 requires submittal of an annual compliance report.

Condition 7: 6NYCRR Part 202 requires an annual emission statement (for fee determination) to be filed.

Condition 24: 40 CFR 70 and ^NYCRR Part 201-6 requires semiannual reporting of the status of all monitoring conditions.

Condition 25: This condition gives the facility the capability to make certian changes (operational flexibility) that will not require a permit modification as long as the protocol is adhered to.

Condition 27: Opacity is limited to 20% under 6NYCRR 212.6.

Condition 28: 6NYCRR 225 limits the sulfur content of distillate oil.

Condition 29: 6NYCRR 225 requires fuel oil supplier certifications to be kept and made available when requested.

Condition 33: Requires particulte stack testing of the glass melting furnaces every 5 years.

Condition 34: Requires air staging for NOx contol and annual stack testing testing for NOx from furnace 1.

Condition 35: Requires air staging for NOx control and annual stack testing for NOx from furnace 2.

Condition 36: 6NYCRR 212 limits SO2 emissions from furnace 1.

Condition 37: 6NYCRR 212 limits SO2 emissions from furnace 2.

Condition 39: This establishes a pressure drop range for good operation of baghouse 24A00.

Condition 40: This establishes a pressure drop range for good operation of baghouse 25A00.

Condition 41: This establishes a pressure drop range for good operation of baghouse 26A00.

Condition 42: This establishes a pressure drop range for good operation of baghouse 27A00.

Condition 43: This establishes a pressure drop range for good operation of baghouse 4A000.

Condition 44: This establishes a pressure drop range for good operation of baghouse 9A000.