



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: October 31, 2001

Effective Date: October 20, 2004

Revision Date: October 20, 2004

Expiration Date: October 31, 2006

Revision Type: Amendment

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

[TITLE V Permit No: 26-00119](#)

Federal Tax Id - Plant Code: 59-3417812-1

Owner Information

Name: ANCHOR GLASS CONTAINER CORP

Mailing Address: 1926 BALDRIDGE ST
CONNELLSVILLE, PA 15425

Plant Information

Plant: ANCHOR GLASS CONTAINER/PLT 5

Location: 26 Fayette County 26805 South Connellsville Borough
SIC Code: 3229 Manufacturing - Pressed And Blown Glass, Nec

Responsible Official

Name: MICHAEL MCCARTNEY

Title: GENERAL MANAGER

Phone: (724) 628 - 4000

Permit Contact Person

Name: JOSEPH G CLEMIS

Title: ENVIRONMENTAL ENGINEER

Phone: (813) 884 - 0000 Ext.361

[Signature] _____

MARK A WAYNER, SOUTHWEST REGION AIR PROGRAM MANAGER



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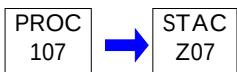
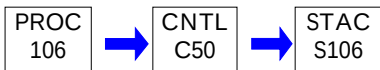
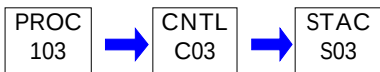
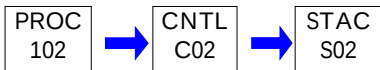
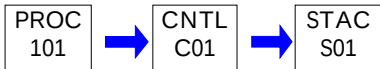
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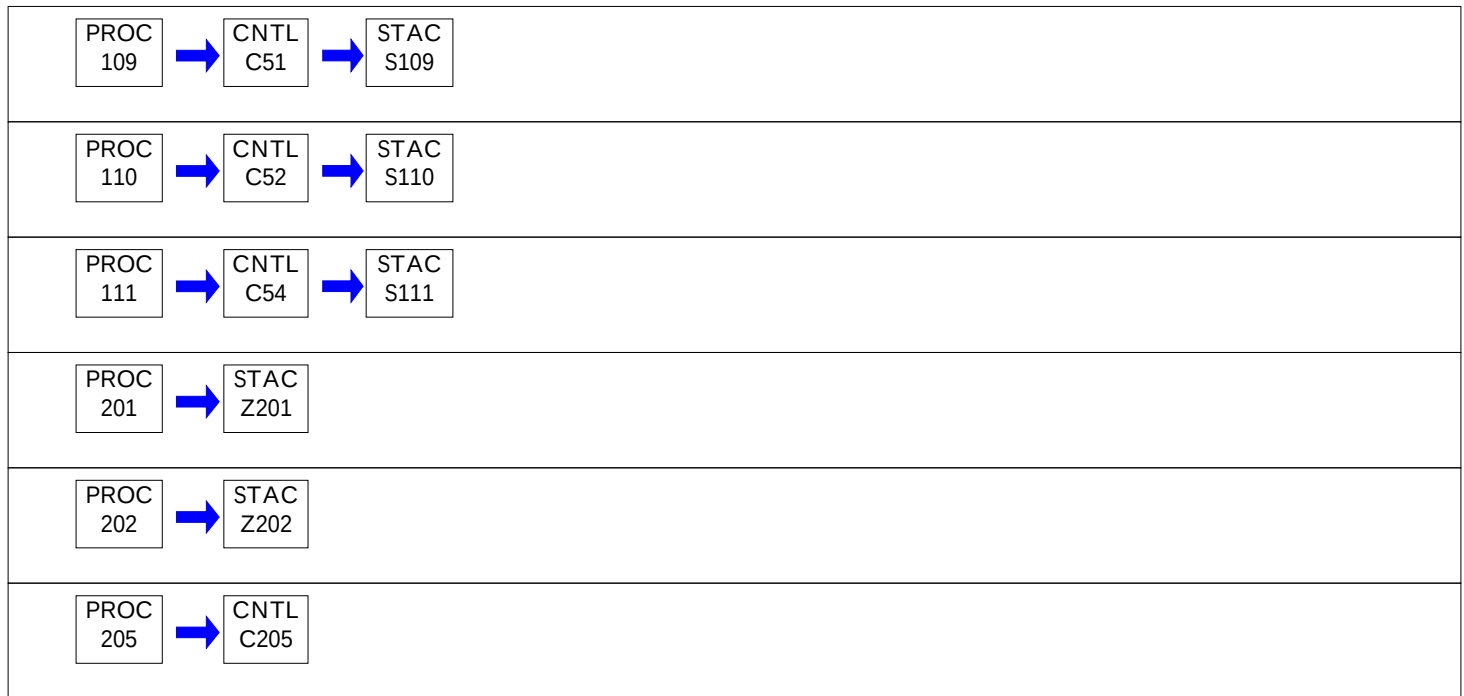
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
108	4 ANNEALING LEHRS	16.00 MMBTU / HR	
101	GLASS MELTING FURNACE NO1	13.50 Tons / HR	GLASS
102	GLASS MELTING FURNACE NO2	13.40 Tons / HR	GLASS
103	GLASS MELTING FURNACE NO3	13.80 Tons / HR	GLASS
106	RAW MAT TRANSFER CONVEYING	150.00 Tons / HR	SAND ,ETC
107	GLASS FORMING MOLD LUBRICANTS	3.80 Lbs / HR	CLEANMOLD
109	GLASS DECO LINE 1 (10.14 MMBTU)		
110	GLASS DECO LINE 2 (10.39 MMBTU)		
111	GLASS DECO LINE 3 (11.72 MMBTU)		
201	HOT END COATING HOODS (A-I)		
202	VIDEOJET PRINTERS(A-L)		
204	DEGREASING OPERATIONS(A&B)		
205	MOLD SHOP		
C01	REGENERATOR		
C02	REGENERATOR		
C03	REGENERATOR		
C205	MOLD SHOP BAGHOUSE		
C50	RAW MATERIALS BAGHOUSE		
C51	GLASS DECO LINE 1 AFTERBURNER		
C52	GLASS DECO LINE 2 AFTERBURNER		
C54	GLASS DECO LINE 3 AFTERBURNER		
S01	FURNACE #1		
S02	FURNACE #2		
S03	FURNACE #3		
S106	RAW MATERIAL BAGHOUSE		
S109	DECO 1 STACK		
S110	DECO LINE 2 STACK		
S111	DECO 3 STACK		
Z07	UNSPECIFIED NAME		
Z201	HOT END COAT HOODS		
Z202	VIDEOJET EMISSIONS		

PERMIT MAPS







SECTION B. General Title V Requirements

#001 [25 Pa. Code § 121.1]

Definitions

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

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

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#005 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]

Transfer of Ownership or Operational Control

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

**SECTION B. General Title V Requirements****#006** [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**Inspection and Entry**

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.512(c)(2)]**Need to Halt or Reduce Activity Not a Defense**

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

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]**Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

SECTION B. General Title V Requirements

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

(a) This Title V 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 a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#011 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#012 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.

**SECTION B. General Title V Requirements**

#014 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]

Severability Clause

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]

Fee Payment

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

SECTION B. General Title V Requirements

The Department may disapprove or condition de minimis emission increases at any time.

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquified petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and /or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made pursuant to this permit condition.

SECTION B. General Title V Requirements

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#018 [25 Pa. Code §§ 127.11a & 127.215]

Reactivation of Sources

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#019 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]

Submissions

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter,
or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Air Enforcement Branch (3AP12)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**SECTION B. General Title V Requirements**

#021 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]

Sampling, Testing and Monitoring Procedures

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#022 [25 Pa. Code §§ 127.511 & Chapter 135]

Recordkeeping Requirements

(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#023 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]

Reporting Requirements

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made

SECTION B. General Title V Requirements

available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#024 [25 Pa. Code § 127.513]

Compliance Certification

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance to the Department and EPA in accordance with the submission requirements specified in Condition #020 of this section.

#025 [25 Pa. Code § 127.3]

Operational Flexibility

(a) The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit condition and other applicable operational flexibility terms and conditions of this permit.

#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]

Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection

SECTION B. General Title V Requirements

Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA

SECTION B. General Title V Requirements

provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (a) The emissions are of minor significance with respect to causing air pollution.
 - (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]

Fugitive particulate matter

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001 if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]

Limitations

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

004 [25 Pa. Code §123.41]

Limitations

Permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

005 [25 Pa. Code §123.42]

Exceptions

The visible emission limitations of 25 PA Code Section 123.41 do not apply when:

- (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) The emission results from sources specified in 25 PA Code Section 123.1(a)(1) -- (7) (relating to prohibition of certain fugitive emissions).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8(G), the owner /operator shall not operate at production rates that exceed the rate at which compliance has been demonstrated. Stack testing must be repeated at higher production rates or under other such conditions that may be expected to result in higher emission rates.

SECTION C. Site Level Requirements

007 [25 Pa. Code §129.14]

Open burning operations

(a) No person may permit the open burning of material in such a manner that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
- (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
- (3) The emissions interfere with the reasonable enjoyment of life or property.
- (4) The emissions cause damage to vegetation or property.
- (5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions: The requirements of (1) through (5) do not apply where the open burning operations result from:

- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

(c) The following is applicable to clearing and grubbing wastes:

- (1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Clearing and grubbing wastes may be burned subject to the following requirements:

- (i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.
- (ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes that have been transported.

008 [25 Pa. Code §137.4]

Standby plans

(a) This section applies to the following classes of sources located in the counties identified in subsection (b):

- (1) Coal or oil-fired electric generating facilities.
- (2) Coal or oil-fired steam generating facilities rated at more than 100 million Btu per hour of heat input.
- (3) Manufacturing industries of the following classifications which employ more than 20 employees at any one location:
 - (i) Primary and secondary metals industries.
 - (ii) Petroleum refining and related industries.
 - (iii) Chemical and allied products industries.
 - (iv) Paper and allied products industries.
 - (v) Glass, clay and concrete products industries.

(4) Municipal and commercial refuse disposal and salvage operations other than incinerators rated at less than 1,000 pounds per hour of refuse.

(5) Other sources determined to be of significance by the Department. The persons responsible for the sources will be so advised by the Department.

SECTION C. Site Level Requirements

(b) The Department will annually classify each county as an area requiring a standby plan based on monitored exceedance of the following criteria:

SO₂ -- 0.02 p.p.m., annual arithmetic mean; 0.1 p.p.m., 24-hour maximum, 0.5 p.p.m., maximum 3-hour average.

PM₁₀ -- 60 [mgr]g / m³, annual geometric mean; 150 [mgr]g / m³, 24-hour maximum.

CO -- 48 p.p.m., 1-hour maximum; 12 p.p.m., 8-hour maximum.

NO₂ -- 0.06 p.p.m., annual arithmetic mean.

Ozone -- 0.10 p.p.m., 1-hour maximum.

(c) A person responsible for the operation of a source identified in subsection (a) and located in a county classified in subsection (b) as requiring a standby plan shall prepare standby plans for reducing the emission of air contaminants from that source during alert, warning and emergency levels. The plans shall be designed to reduce or eliminate the emissions of air contaminants in accordance with the objectives in 137.11-137.14 (relating to level actions). The plans shall be in writing on forms published and distributed by the Department and shall identify the approximate amount of reduction of various air contaminants and a description of the manner in which the reductions will be achieved.

(d) If the Department determines that a standby plan does not provide for effectively achieving the objectives in 137.11-137.14, the Department may disapprove the plan, state its reasons for the disapproval and either order the preparation of an amended plan within a time period specified in the order or issue, by order, a plan to replace the disapproved plan.

(e) The Department may amend or otherwise change a standby plan if it determines that good cause exists for the action. An amendment or change will be in writing and will be accompanied by a notice of sufficient cause for the action.

(f) During a forecast, alert, warning or emergency level, the standby plan shall be made available by the person responsible for the source to employees of the Department on the premises of the source.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1]

Subpart A--General Provisions

Applicability.

(a) General.

(1) Terms used throughout this part are defined in 63.2 or in the Clean Air Act (Act) as amended in 1990, except that individual subparts of this part may include specific definitions in addition to or that supersede definitions in 63.2.

(2) This part contains national emission standards for hazardous air pollutants (NESHAP) established pursuant to section 112 of the Act as amended November 15, 1990. These standards regulate specific categories of stationary sources that emit (or have the potential to emit) one or more hazardous air pollutants listed in this part pursuant to section 112(b) of the Act. This section explains the applicability of such standards to sources affected by them. The standards in this part are independent of NESHAP contained in 40 CFR part 61. The NESHAP in part 61 promulgated by signature of the Administrator before November 15, 1990 (i.e., the date of enactment of the Clean Air Act Amendments of 1990) remain in effect until they are amended, if appropriate, and added to this part.

(3) No emission standard or other requirement established under this part shall be interpreted, construed, or applied to diminish or replace the requirements of a more stringent emission limitation or other applicable requirement established by the Administrator pursuant to other authority of the Act (including those requirements in part 60 of this chapter), or a standard issued under State authority.

(4) The provisions of this subpart (i.e., subpart A of this part) apply to owners or operators who are subject to subsequent subparts of this part, except when otherwise specified in a particular subpart or in a relevant standard. The general provisions in subpart A eliminate the repetition of requirements applicable to all owners or operators affected by this part. The general provisions in subpart A do not apply to regulations developed pursuant to section 112(r) of the amended Act, unless otherwise specified in those regulations.

SECTION C. Site Level Requirements

(5) [Reserved]

(6) To obtain the most current list of categories of sources to be regulated under section 112 of the Act, or to obtain the most recent regulation promulgation schedule established pursuant to section 112(e) of the Act, contact the Office of the Director, Emission Standards Division, Office of Air Quality Planning and Standards, U.S. EPA (MD-13), Research Triangle Park, North Carolina 27711.

(7) Subpart D of this part contains regulations that address procedures for an owner or operator to obtain an extension of compliance with a relevant standard through an early reduction of emissions of hazardous air pollutants pursuant to section 112(i)(5) of the Act.

(8) Subpart E of this part contains regulations that provide for the establishment of procedures consistent with section 112(l) of the Act for the approval of State rules or programs to implement and enforce applicable Federal rules promulgated under the authority of section 112. Subpart E also establishes procedures for the review and withdrawal of section 112 implementation and enforcement authorities granted through a section 112(l) approval.

(9) [Reserved]

(10) For the purposes of this part, time periods specified in days shall be measured in calendar days, even if the word "calendar" is absent, unless otherwise specified in an applicable requirement.

(11) For the purposes of this part, if an explicit postmark deadline is not specified in an applicable requirement for the submittal of a notification, application, test plan, report, or other written communication to the Administrator, the owner or operator shall postmark the submittal on or before the number of days specified in the applicable requirement. For example, if a notification must be submitted 15 days before a particular event is scheduled to take place, the notification shall be postmarked on or before 15 days preceding the event; likewise, if a notification must be submitted 15 days after a particular event takes place, the notification shall be postmarked on or before 15 days following the end of the event. The use of reliable non-Government mail carriers that provide indications of verifiable delivery of information required to be submitted to the Administrator, similar to the postmark provided by the U.S. Postal Service, or alternative means of delivery agreed to by the permitting authority, is acceptable.

(12) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. Procedures governing the implementation of this provision are specified in 63.9(i).

(13) Special provisions set forth under an applicable subpart of this part or in a relevant standard established under this part shall supersede any conflicting provisions of this subpart.

(14) Any standards, limitations, prohibitions, or other federally enforceable requirements established pursuant to procedural regulations in this part [including, but not limited to, equivalent emission limitations established pursuant to section 112(g) of the Act] shall have the force and effect of requirements promulgated in this part and shall be subject to the provisions of this subpart, except when explicitly specified otherwise.

(b) Initial applicability determination for this part.

(1) The provisions of this part apply to the owner or operator of any stationary source that--

(i) Emits or has the potential to emit any hazardous air pollutant listed in or pursuant to section 112(b) of the Act; and

(ii) Is subject to any standard, limitation, prohibition, or other federally enforceable requirement established pursuant to this part.

(2) In addition to complying with the provisions of this part, the owner or operator of any such source may be required to obtain an operating permit issued to stationary sources by an authorized State air pollution control agency or by the Administrator of the U.S. Environmental Protection Agency (EPA) pursuant to title V of the Act (42 U.S.C. 7661). For more information about obtaining an operating permit, see part 70 of this chapter.

SECTION C. Site Level Requirements

(3) An owner or operator of a stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants who determines that the source is not subject to a relevant standard or other requirement established under this part, shall keep a record of the applicability determination as specified in 63.10(b)(3) of this subpart.

(c) Applicability of this part after a relevant standard has been set under this part.

(1) If a relevant standard has been established under this part, the owner or operator of an affected source shall comply with the provisions of this subpart and the provisions of that standard, except as specified otherwise in this subpart or that standard.

(2) If a relevant standard has been established under this part, the owner or operator of an affected source may be required to obtain a title V permit from the permitting authority in the State in which the source is located. Emission standards promulgated in this part for area sources will specify whether--

(i) States will have the option to exclude area sources affected by that standard from the requirement to obtain a title V permit (i.e., the standard will exempt the category of area sources altogether from the permitting requirement);

(ii) States will have the option to defer permitting of area sources in that category until the Administrator takes rulemaking action to determine applicability of the permitting requirements; or

(iii) Area sources affected by that emission standard are immediately subject to the requirement to apply for and obtain a title V permit in all States. If a standard fails to specify what the permitting requirements will be for area sources affected by that standard, then area sources that are subject to the standard will be subject to the requirement to obtain a title V permit without deferral. If the owner or operator is required to obtain a title V permit, he or she shall apply for such permit in accordance with part 70 of this chapter and applicable State regulations, or in accordance with the regulations contained in this chapter to implement the Federal title V permit program (42 U.S.C. 7661), whichever regulations are applicable.

(3) [Reserved]

(4) If the owner or operator of an existing source obtains an extension of compliance for such source in accordance with the provisions of subpart D of this part, the owner or operator shall comply with all requirements of this subpart except those requirements that are specifically overridden in the extension of compliance for that source.

(5) If an area source that otherwise would be subject to an emission standard or other requirement established under this part if it were a major source subsequently increases its emissions of hazardous air pollutants (or its potential to emit hazardous air pollutants) such that the source is a major source that is subject to the emission standard or other requirement, such source also shall be subject to the notification requirements of this subpart.

(d) [Reserved]

(e) Applicability of permit program before a relevant standard has been set under this part. After the effective date of an approved permit program in the State in which a stationary source is (or would be) located, the owner or operator of such source may be required to obtain a title V permit from the permitting authority in that State (or revise such a permit if one has already been issued to the source) before a relevant standard is established under this part. If the owner or operator is required to obtain (or revise) a title V permit, he/she shall apply to obtain (or revise) such permit in accordance with the regulations contained in part 70 of this chapter and applicable State regulations, or the regulations codified in this chapter to implement the Federal title V permit program (42 U.S.C. 7661), whichever regulations are applicable.

II. TESTING REQUIREMENTS.

010 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

(1) A device approved by the Department and maintained to provide accurate opacity measurements.

(2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved

SECTION C. Site Level Requirements

by the Department.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8 (C), a stack testing protocol shall be submitted to each of the following addresses at least 60 days prior to the performance stack tests:

Chief, Source Testing Section
Bureau of Air Quality
PO BOX 8468
RCSOB
400 Market Street
Harrisburg, PA 17105-8468

and

Air Quality Program Manager
Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8(D), all stack testing shall be performed in accordance with 25 Pa Code Chapter 139 and the Department's Source Testing Manual.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8(E), the Department shall be notified at least two weeks in advance of the date of the stack test so that an observer may be present.

III. MONITORING REQUIREMENTS.

014 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The owner / operator shall conduct weekly visible emission observations of this facility, when the facility is in operation, to determine the presence of visible air emissions. Weekly visible emission observations shall be conducted to ensure compliance with 25 Pa Code 123.1 and 123.2, and 123.41.

015 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The owner / operator shall conduct weekly inspections of this facility, when the facility is in operation, to determine the presence of odors emissions detectable beyond the boundaries of this facility.

IV. RECORDKEEPING REQUIREMENTS.

016 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall keep a log of weekly visible emissions observations. This log shall include at a minimum, the date, the time, the name and title of the observer, observation, and action if necessary.

This visible emission observation log shall be kept and maintained on site for five years.

017 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

A log of weekly odor inspections shall be kept and maintained on site for a period of 5 years.

SECTION C. Site Level Requirements

018 [25 Pa. Code §135.5]

Recordkeeping

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

V. REPORTING REQUIREMENTS.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8(F), two copies of the stack test results shall be submitted to the Departmental addresses listed in Condition #011 of this section for review within 60 days of the stack test.

020 [25 Pa. Code §127.442]

Reporting requirements.

(a) The owner / operator shall report each malfunction that poses an imminent and substantial danger to the public health and safety or the environment or which the permittee should reasonably believe may result in citizen complaints to the Department that occurs at this Title V facility. For purposes of this condition a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment or a process to operate in a normal or usual manner that may result in an increase in the emissions of air contaminants.

(b) When the malfunction poses an imminent and substantial danger to the public health and safety or harm to the environment, the notification shall be submitted to the Department no later than one hour after the incident.

(1) The notice shall describe the:

- (i) name and location of the facility;
- (ii) nature and cause of the malfunction or breakdown;
- (iii) time when the malfunction or breakdown was first observed;
- (iv) expected duration of excess emissions; and
- (v) estimated rate of emissions.

(2) The owner or operator shall notify the Department immediately when corrective measures have been accomplished.

(3) Subsequent to the malfunction, the owner or operator shall submit a full report on the malfunction to the Department within 15 days, if requested.

(4) The owner or operator shall submit reports on the operation and maintenance of the source to the Regional Air Program Manager at such intervals and in such form and detail as may be required by the Department. Information required in the reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and maintenance schedules.

(c) Malfunctions shall be reported to the Department at the following address:

PADEP
Office of Air Quality
400 Waterfront Drive
Pittsburgh, PA 15222-4745
(412)442-4000

021 [25 Pa. Code §135.21]

Emission statements

(a) The owner or operator shall provide the Department with a statement, in a form as the Department may prescribe, for

SECTION C. Site Level Requirements

classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

(b) Annual emission statements are due by March 1 for the preceeding calendar year beginning with March 1, 1993 for calendar year 1992. Statements shall provide data consistent with requirements and guidance developed by the EPA. The guidance is available from:

United States Environmental Protection Agency
401 M. Street, S.W.
Washington, D.C. 20460.

(c) The Department may require more frequent submittals upon determination that one or more of the following applies:

- (1) A more frequent submission is required by the EPA
- (2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Act.

022 [25 Pa. Code §135.3]

Reporting

(a) The owner or operator shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

(b) The owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

023 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee responsible for a source identified in Condition #001, Section C of this permit shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

VII. ADDITIONAL REQUIREMENTS.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #9, emission reductions of the targeted contaminants(s) below the level(s) specified in this approval which are achieved by optimizing the effectiveness of equipment installed pursuant to this plan approval are not surplus emission reductions, and thus, may not be used to generate Emission Reduction Credits. In order for the emission reductions to be creditable, the emission reductions must satisfy the requirements of 25 Pa Code Chapter 127, Subchapter E.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

*** Permit Shield In Effect **

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: 4 ANNEALING LEHRS

Source Capacity / Throughput:

16.00 MMBTU / HR

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §123.11]

Combustion units

(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following:

(1) The rate of 0.4 pounds per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

002 [25 Pa. Code §123.22]

Combustion units

(a) Combustion units in nonair basin areas shall conform to the following:

(1) No person shall permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from a combustion unit, in excess of 4 pounds per million btu of heat input over any 1-hour period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The owner / operator shall keep and maintain records of fuel usage on site for five years. At a minimum, the owner / operator shall use the fuel usage data and an approved emission factor to demonstrate compliance with the particulate and sulfur emission limitations of 25 PA Code 123.11 and 123.22.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 101

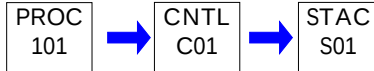
Source Name: GLASS MELTING FURNACE NO1

Source Capacity / Throughput:

13.50 Tons / HR

GLASS

Conditions for this source occur in the following groups: #1- FURNACES

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval PA-26-000-119, Condition #4 & #5, Melting Furnace #1 NOx emissions shall not exceed 5.5 lbs. /ton glass.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

NOx emission reduction shall be achieved through adjustment, as necessary, of the Air-to-Fuel Ratio based upon daily oxygen measurements of furnace exhausts taken using a portable analyzer, per Anchor Reference Document 010-05-01 and combustion staging.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 102

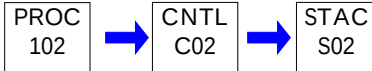
Source Name: GLASS MELTING FURNACE NO2

Source Capacity / Throughput:

13.40 Tons / HR

GLASS

Conditions for this source occur in the following groups: #1- FURNACES

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval PA-26-000-119, Condition #4 & #5, Melting Furnace #2 NOx emissions shall not exceed 5.5 lbs. / ton glass.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, emissions from Furnace #2 shall not exceed the following:

Pounds per Hour (on a three-hour rolling average basis)				
PM10	SOx	NOx	VOC	CO
12.0	41.1	66.5	2.4	2.4

Tons per Year (on a consecutive rolling 12-month average basis)				
PM10	SOx	NOx	VOC	CO
52.6	179.9	291.3	10.6	10.6

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, Furnace #2 is authorized to operate at throughputs up to 290 tons of glass pulled per day.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and / or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval PA-26-000-119, NO_x emission reduction shall be achieved through adjustment, as necessary, of the Air-to-Fuel Ratio based upon daily oxygen measurements of furnace exhausts taken using a portable analyzer, per Anchor Reference Document 010-05-01 and combustion staging.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and / or Section E (Source Group Restrictions).

*** Permit Shield in Effect. ***

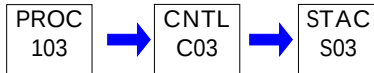
**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: GLASS MELTING FURNACE NO3

Source Capacity / Throughput: 13.80 Tons / HR GLASS

Conditions for this source occur in the following groups: #1- FURNACES

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval, PA-26-000-119, Condition #4, Melting Furnace #3 NOx emissions shall not exceed 12.75 lbs / ton glass.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval PA-26-000-119, Condition #6, the Department has determined that any NOx emission reductions achieved through energy efficient rebricking shall not be available as creditable reductions beyond those as meeting RACT.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source was shut down on February 14, 1997. In accordance with 25 Pa Code 127.11a and 127.215, a reactivation plan shall be submitted for approval at least 30 days prior to the proposed date of reactivation of this source.

A Plan Approval shall be submitted for review and approval prior to source reactivation should reactivation occur after February 14, 2002.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).



SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

NOx emission reduction shall be achieved through adjustment, as necessary, of the Air-to-Fuel Ratio based upon weekly oxygen measurements of furnace exhausts taken using a portable analyzer, per Anchor Reference Document 010-05-01.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and / or Section E (Source Group Restrictions).

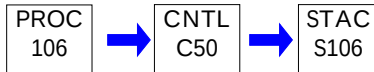
*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: RAW MAT TRANSFER CONVEYING

Source Capacity / Throughput: 150.00 Tons / HR SAND ,ETC

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The owner / operator shall monitor the pressure drop of the baghouses on a weekly basis.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

A log of the weekly pressure drop readings shall be kept and maintained on site for five years.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # 26-309-047, the baghouse shall be operated during controlled raw materials transferring and conveying operations according to manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: GLASS FORMING MOLD LUBRICANTS

Source Capacity / Throughput:

3.80 Lbs/HR

CLEANMOLD

PROC
107STAC
Z07**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

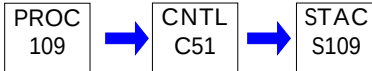
SECTION D. Source Level Requirements

Source ID: 109

Source Name: GLASS DECO LINE 1 (10.14 MMBTU)

Source Capacity / Throughput:

Conditions for this source occur in the following groups: #2- COATING LINES

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #6, the temperature and residence time at the afterburners shall be sufficient to achieve a 90% VOC destruction efficiency.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #4, the capacity of the Number 1 Decorating Line is established at 300 bottles per minute.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #7, the NO_x emissions from the Number 1 Decorating Line shall not exceed 1.0 pound per hour and 4.4 tons per consecutive 12-month period.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #7, the VOC emissions from the Number 1 Decorating Line shall not exceed 0.8 pounds per hour and 3.5 tons per consecutive 12-month period.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #8, the opacity of the exhaust from the Number 1 Decorating Line shall not exceed 10%.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #10, the temperatures above and below each afterburner zone, and in the combined exhaust duct shall be recorded two times each shift during normal operation. These records shall be kept and maintained on site for five years.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #5, the thermal afterburners on the Number 1 Decorating Line lehr shall be in operation at all times when the lehr is in operation.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119B, Condition #9, the owner / operator shall, at a minimum, comply with the manufacturer's inspection, maintenance, and spare parts inventorying recommendations for the thermal afterburners and associated equipment.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 110

Source Name: GLASS DECO LINE 2 (10.39 MMBTU)

Source Capacity / Throughput:

Conditions for this source occur in the following groups: #2- COATING LINES

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119C, Condition #6, the temperature and residence time at the afterburners shall be sufficient to achieve a 90% VOC destruction efficiency.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119C, Condition #4, the capacity of the Number 2 Decorating Line is established at 350 bottles per minute.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119C, Condition #7, the NO_x emissions from the Number 2 Decorating Line shall not exceed 1.04 pounds per hour and 4.55 tons per consecutive 12-month period.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119C, Condition #8, the opacity of the exhaust from the Number 2 Decorating Line shall not exceed 10%.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119C, Condition #5, the thermal afterburners on the Number 2 Decorating Line lehr shall be in operation at all times when the lehr is in operation.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119C, Condition #9, the owner / operator shall, at a minimum, comply with the manufacturer's inspection, maintenance, and spare parts inventorying recommendations for the thermal afterburners and associated equipment.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119C, Condition #10, the temperatures above and below each afterburner zone, and in the combined exhaust duct shall be recorded two times each shift during normal operation. These records shall be kept and maintained on site for five years.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and / or Section E (Source Group Restrictions).

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 111

Source Name: GLASS DECO LINE 3 (11.72 MMBTU)

Source Capacity / Throughput:

Conditions for this source occur in the following groups: #2- COATING LINES

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, the capacity of the Number 3 Decorating Line is established at 350 bottles per minute.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The NO_x emissions from the Number 3 Decorating Line shall not exceed 1.04 pounds per hour and 4.55 tons per consecutive 12-month period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The VOC emissions from the Number 3 Decorating Line shall not exceed 0.92 pounds per hour and 4.04 tons per consecutive 12-month period.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, the opacity of the exhaust from the Number 3 Decorating Line shall not exceed 10%.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, the temperatures above and below each afterburner zone, and in the combined exhaust duct shall be recorded every two hours during normal operation. These records shall be kept and maintained on site for five years.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements**VI. WORK PRACTICE REQUIREMENTS.**

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, the thermal afterburners on the Number 3 Decorating Line lehr shall be in operation at all times when the lehr is in operation.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, the owner / operator shall, at a minimum, comply with the manufacturer's inspection, maintenance, and spare parts inventorying recommendations for the thermal afterburners and associated equipment.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, the afterburners shall be operated at a minimum operating temperature of 1400 F.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Plan Approval PA-26-00119D, the Number 3 Decorating Line consists of two Decorating Machines, a 168" Bowman Lehr (rated at 8.0 mmbtu / hr) equipped with thermal afterburners (rated at 2.8 mmbtu / hr), and associated decasing, conveying, and packaging equipment.

*** Permit Shield in Effect. ***

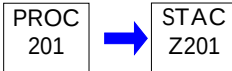
**SECTION D. Source Level Requirements**

Source ID: 201

Source Name: HOT END COATING HOODS (A-I)

Source Capacity / Throughput:

Conditions for this source occur in the following groups: #2- COATING LINES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

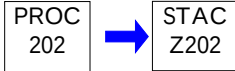
*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 202

Source Name: VIDEOJET PRINTERS(A-L)

Source Capacity / Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 204

Source Name: DEGREASING OPERATIONS(A&B)

Source Capacity / Throughput:

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §129.63]

Degreasing operations

(a) Cold cleaning degreasers as defined in 121.1 (relating to definitions) which have a degreaser opening which is greater than 10 square feet shall:

(1) Be equipped with:

- (i) A cover to prevent evaporation of solvent during periods of non-use.
- (ii) Equipment for draining cleaned parts.
- (iii) A permanent, conspicuous label summarizing the operating requirements.

(2) Be operated in accordance with the following requirements:

(i) Do not dispose of waste solvent or transfer it to another party, such that greater than 20% for the waste solvent (by weight) can evaporate into the atmosphere; store waste solvent only in covered containers.

(ii) Close degreaser cover whenever not handling parts in the cleaner.

(iii) Drain cleaned parts for at least 15 seconds or until dripping ceases.

(b) Open top vapor degreaser as defined in 121.1 (relating to definitions) which have a degreaser opening which is greater than ten square feet (0.93 square meters) shall:

(1) Be equipped with:

(i) A cover that can be opened or closed easily without disturbing the vapor zone.

(ii) A safety switch which shuts off the sump heat if condenser coolant is either not circulating or too warm -- condenser flow switch and thermostat.

(iii) A safety switch which shuts off the spray pump if the vapor level drops more than four inches.

(iv) A permanent, conspicuous label summarizing the operating requirements found in subparagraph (3).

(2) Be equipped with one of the following control devices:

(i) Freeboard ratio greater than or equal to .75 and, if the degreaser opening is greater than 10 square feet, the cover must be powered.

(ii) Refrigerated chiller.

(iii) Enclosed design in which the cover or door opens only when the dry part is actually entering or exiting the degreaser.

(iv) Carbon adsorption system, with ventilation greater than 50 cfm / ft² of air vapor area when cover is open, and exhausting less than 25 parts per million of solvent averaged over one complete adsorption cycle.

(3) Be operated in accordance with the following requirements:

(i) Keep cover closed at all times except when processing work loads through the degreaser.

(ii) minimize solvent carry-out by: racking all parts to allow full drainage; moving parts in and out of the degreaser at less than 11 feet per minute; degreasing the workload in the vapor zone at least 30 seconds or until condensation ceases;

**SECTION D. Source Level Requirements**

tipping out any pools of solvent on the cleaned parts before removal; and allowing parts to dry within the degreaser for at least 15 seconds or until visually dry.

(iii) do not degrease porous or absorbent materials, such as cloth, leather, wood or rope.

(iv) work loads should not occupy more than half of the open top area of degreaser.

(v) [Reserved].

(vi) never spray above the vapor level.

(vii) repair solvent leaks immediately or shutdown the degreaser.

(viii) do not dispose of waste solvent or transfer it to another party such that greater than 20% of the waste by weight will evaporate into the atmosphere; store waste solvent only in closed containers.

(ix) exhaust ventilation should not exceed 65 cfm / ft² of degreaser open area, unless necessary to meet OSHA requirements; ventilation fans should not be used near the degreaser opening.

(x) water should not be visually detectable in solvent exiting the water separator.

(c) Conveyorized degreasers as defined in 121.1 which have a degreaser opening which is greater than 10 square feet (0.93 square meters) shall:

(1) Be equipped with:

(i) either a drying tunnel or another means such as a rotating (tumbling) basket, sufficient to prevent cleaned parts from carrying out solvent liquid or vapor.

(ii) a safety switch which shuts off the sump heat if condenser coolant is either not circulating or too warm (condenser flow switch and thermostat).

(iii) a safety switch which shuts off the spray pump if the vapor level drops more than 4 inches.

(iv) a safety switch which shuts off the sump heat when vapor level rises too high --vapor level control thermostat.

(v) entrances and exits which silhouette the work load so that the average clearance between parts of the edge of degreaser is either less than 4 inches or less than 10% of the width of the opening.

(vi) covers for closing off the entrances and exits during shutdown hours.

(2) Be equipped with one of the following control devices:

(i) refrigerated chiller.

(ii) carbon adsorption system, with ventilation greater than 50 cfm / ft² of air / vapor area when down-time covers are open and exhausting less than 25 parts per million of solvent by volume averaged over a completed adsorption cycle.

(3) Be operated in accordance with the following requirements:

(i) exhaust ventilation may not exceed 65 cfm / ft² (20 m³ / min / m²) of degreaser opening unless necessary to meet OSHA requirements; work place fans may not be used near the degreaser opening.

(ii) minimize carry out emissions by racking parts for best drainage and by maintaining vertical conveyor speed at less than 11 feet per minute.

(iii) do not dispose of waste solvent or transfer it to another party such that greater than 20% of the waste by weight can evaporate into the atmosphere; store waste solvent only in covered containers.

**SECTION D. Source Level Requirements**

(iv) repair solvent leaks immediately, or shutdown the degreaser.

(v) water should not be visibly detectable in the solvent exiting the water separator.

(vi) down-time cover shall be placed over entrances and exits of conveyORIZED degreasers immediately after the conveyor and exhaust are shutdown and removed just before they are started up.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

At a minimum the owner / operator shall estimate emissions through the use of mass balance.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The owner / operator shall maintain and keep solvent purchase records on site for 5 years.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

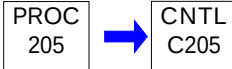
*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 205

Source Name: MOLD SHOP

Source Capacity / Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.13]

Processes

The owner / operator shall not permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119A, Condition # 4, mold shop activities shall not take place unless the dust collector is also operating.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119A, Condition # 5, there shall be no visible fugitive emission from the Mold shop at any time.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119A, Condition # 6, the opacity of the dust collector exhaust shall not exceed 20%.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119A, Condition # 4, a meter or gauge shall be permanently installed in a convenient location to allow the pressure drop across the dust collector to be monitored.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119A, Condition #10, the owner / operator shall record pressure drop across the baghouse, and the appearance of the exhaust exiting the stack at least once each operating shift, or on another schedule approved by the Department. Written documentation of all other inspection and maintenance activities shall also be kept. Records shall be maintained and kept on site for a period of five years.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit # OP-26-119A, Condition #9, the owner / operator shall, at a minimum, comply with the manufacturer's inspection, maintenance, and spare parts inventorying recommendations for the dust collector and associated equipment.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

SECTION E. Source Group Restrictions.

Group Name #1- FURNACES

Group Description Glass Melting Furnaces

Sources included in this group

ID	Name
101	GLASS MELTING FURNACE NO1
102	GLASS MELTING FURNACE NO2
103	GLASS MELTING FURNACE NO3

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §123.13]

Processes

In accordance with the table found at PA Code Title 25 Section 123.13(b)(1), no person operating pressed, blown, and spun glass: glass production furnaces may permit the emission into the outdoor atmosphere of particulate matter, at any time, in excess of the following:

$$A = 0.76 E^{0.42}$$

where:

A = Allowable emissions in pounds per hour.

E = Emission index = F x W pounds per hour.

F = Process factor 50 pounds per ton of glass filled, and

W = Production or charging rate in tons filled per hour.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8 (C), stack testing shall be conducted at the maximum reasonable production rate.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8 (B), fuel consumption rate, electric boost, and tons of glass produced from Furnaces #1, #2, and #3 shall be recorded during the stack test and reported along with the test results.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval 26-000-119, Condition #8(A.), visible emissions (VE) in units of percent opacity shall be observed and recorded during the duration of the stack test.

005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Stack testing shall be conducted once during the term of the permit. If testing has not been conducted in the preceding year, the owner / operator shall stack test within 1 year of the permit issuance to demonstrate compliance with the NO_x and particulate matter(PM-10) emission limitations and to verify the CO emission rate.

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Operating parameters shall be used as indicators of compliance with the allowable particulate limit.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit 26-309-048, all periods of alternate fuel usage shall be recorded and kept on site for five years. At a minimum the record shall include the type of fuel, fuel usage, and hours of alternate operation.

SECTION E. Source Group Restrictions.

008 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

In order to demonstrate compliance with the particulate emission limitation of 123.13(b), the owner / operator shall at a minimum use the daily production data (production rate, cullet ratio and temperature) and modeling to determine an actual PM emissions factor in lb / hr.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Plan Approval #26-000-119, Condition #7, the sources shall be operated and maintained in accordance with the manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

**SECTION E. Source Group Restrictions.**

Group Name #2- COATING LINES

Group Description Coating Lines

Sources included in this group

ID	Name
109	GLASS DECO LINE 1 (10.14 MMBTU)
110	GLASS DECO LINE 2 (10.39 MMBTU)
111	GLASS DECO LINE 3 (11.72 MMBTU)
201	HOT END COATING HOODS (A-I)

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The owner / operator shall at a minimum use material balance or an approved emission factor and coating use as a method to demonstrate compliance with the particulate emission limitation of 123.13.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.



***** End of Report *****
