



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: April 30, 2001

Effective Date: January 23, 2006

Revision Date: January 23, 2006

Expiration Date: May 31, 2006

Revision Type: Modification

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: 15-00014

Federal Tax Id - Plant Code: 95-1947155-1

Owner Information

Name: ST GOBAIN PERFORMANCE PLASTICS CORP

Mailing Address: 57 MOREHALL RD
FRAZER, PA 19355-1759

Plant Information

Plant: ST GOBAIN PERFORMANCE PLASTICS/MALVERN

Location: 15 Chester County 15925 East Whiteland Township

SIC Code: 2671 Manufacturing - Paper Coated And Laminated, Packaging

Responsible Official

Name: DEAN SIMPSON

Title: OPERATIONS MANAGER

Phone: (610) 647 - 3500

Permit Contact Person

Name: WILLIAM DOWLIN

Title: CONTR

Phone: (973) 696 - 4700

[Signature] _____

FRANCINE B CARLINI, SOUTHEAST REGION AIR PROGRAM MANAGER



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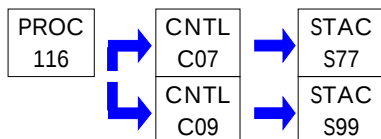
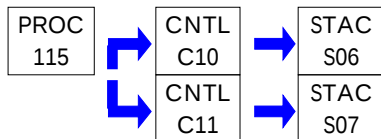
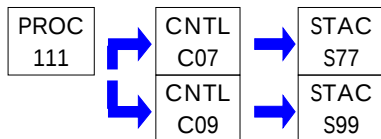
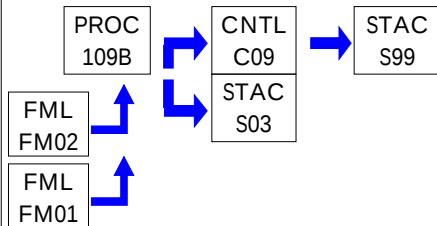
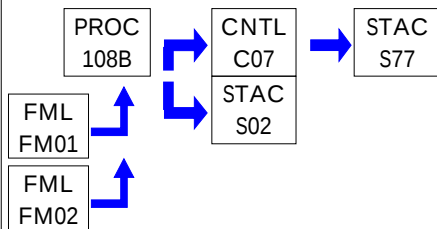
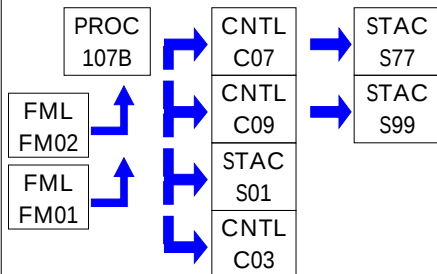
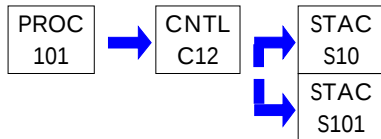
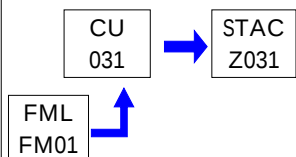


SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	COMBINATION OF INSIG. COMB. SOURCES	44.000 MMBTU / HR	
		N / A	NATURAL GAS
101	PROCESS TANK AREA & SOLVENT RECOVERY UNIT	N / A	
107B	SURFACE COATING LINE 1	6,666.667 CF / HR	Natural Gas
		10.000 Tons / HR	SOLVENT
		N / A	CLEANING SOLVENT
108B	SURFACE COATING LINE 2	9,523.809 CF / HR	Natural Gas
		2,400.000 Tons / HR	SOLVENT
109B	SURFACE COATING LINE 3	6,190.476 CF / HR	Natural Gas
		10.000 Tons / HR	SOLVENT
111	MEDICAL COMPOUNDING ROOM	N / A	
115	PRODUCT TAKE OFF ZONE	N / A	
116	PILOT LINE (SUFACE COATING LINE)	N / A	
117	CLEANUP OPERATIONS	N / A	
IN039	COMPOUNDING ROOM	N / A	CLEANING SOLVNT
C03	AES MIST ELIMINATOR	N / A	
C07	THERMAL OXIDIZER, C.W. AIRSYSTEMS 1	N / A	Natural Gas
C09	THERMAL OXIDIZER, C.W. AIRSYSTEMS 2	N / A	Natural Gas
C10	DUST COLLECTOR 1	N / A	
C11	DUST COLLECTOR 2	N / A	
C12	SOLVENT RECOVERY UNIT		
FM01	PECO NATURAL GAS LINE		
FM02	STORAGE TANK		
S01	COATING LINE 1 STACK		
S02	COATING LINE 2 STACK		
S03	COATING LINE 3 STACK		
S06	DUST COLLECTOR 1		
S07	DUST COLLECTER 2		
S10	SOLVENT RECOVERY		
S101	PROCESS TANK AREA		
S77	TH. OXIDIZER 1 STACK		
S99	TH. OXIDIZER 2 STACK		
Z031	FUGITIVE EMISSIONS		
Z039	FUGITIVE EMISSIONS		
Z117	FUGITIVE EMISSIONS		

PERMIT MAPS

PERMIT MAPS



PERMIT MAPS

PROC
117 → STAC
Z117

PROC
IN039 → STAC
Z039

CNTL
C07 → STAC
S77

CNTL
C09 → STAC
S99

CNTL
C10 → STAC
S06

CNTL
C11 → STAC
S07

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,

SECTION B. General Title V Requirements

(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.

#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.

SECTION B. General Title V Requirements

#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.

(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.

SECTION B. General Title V Requirements

#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.

#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).

SECTION B. General Title V Requirements

(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.

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, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less

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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.

(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).

SECTION B. General Title V Requirements

#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.

#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:

SECTION B. General Title V Requirements

(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 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

SECTION B. General Title V Requirements

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 or, of the submittal date specified elsewhere in the permit, 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 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,

SECTION B. General Title V Requirements

(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 provided thereunder.

SECTION B. General Title V Requirements

(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 a fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) 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.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Sources and classes of sources other than those identified in (a) - (e) above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1 (b), that fugitive emissions from the source, after appropriate control, meet the following requirements:

(1) The emissions are of minor significance with respect to causing air pollution; and

(2) 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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001, of this Section, if such emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]

Limitations

[Odor Emissions]

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

[Visible Emissions]

A person 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:

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

005 [25 Pa. Code §123.42]

Exceptions

[Visible Emissions]

The limitations of Condition #004, of this Section, shall not apply to a visible emission in any of the following instances:

SECTION C. Site Level Requirements

(a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

(b) When the emission results from sources specified in Condition #001 of this Section.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

a. The combined hazardous air pollutant (HAP) emissions from the facility shall not exceed 20 tons per year in a 12-month rolling sum.

b. Individual HAP emissions from the facility shall not exceed 8 tons per year in a 12-month rolling sum.

007 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

(a) 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.

(b) A fire set for the purposes of instructing personnel in fire fighting, when approved by the Department.

(c) A fire set solely for cooking food.

(d) A fire set solely for recreational or ceremonial purposes.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512]

(a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A of this Permit may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.

009 [25 Pa. Code §123.43]

Measuring techniques

(a) Visible emissions, pursuant to Condition #004 of this Section, 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 by the Department.

(b) HAP emissions, pursuant to Condition #006 of this Section, shall be monitored by

SECTION C. Site Level Requirements

- (1) Keeping all the material safety data sheets with HAP content in lbs/gallon or equivalent from the suppliers.
- (2) Recording on a daily basis the usage of each coating, thinner, cleaning solvent, etc., which contains HAP.
- (3) Calculating HAP emissions on a monthly basis, and in a 12-month rolling sum.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.511.]

(a) The permittee shall monitor the facility for the following:

- (1) Odors, which the Department may determine to be objectionable.
- (2) Visible emissions.
- (3) Fugitive particulate matter.

(b) Objectionable odors, which may cause annoyance or discomfort to the public noticed at the site property boundaries that are caused, or may be caused, by operations at the site; fugitive particulate matter in excess of Condition #001, and #002, of this Section; or visible emissions in excess of Condition #004 of this Section shall:

- (1) Be investigated.
- (2) Be reported to the facility management, or individual(s) designated by the permittee.
- (3) Have appropriate corrective action taken (for emissions that originate on-site).
- (4) Be recorded in a permanent written log.

(c) The frequency of the required monitoring shall be as follows:

- (1) daily for the first six (6) months, then
- (2) weekly for the next six (6) months, then
- (3) monthly.

(d) The Department reserves the right to change the above monitoring requirements at any time, based on, but not limited to: the review of the compliance certification and the semi-annual report of monitoring and record keeping, complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.511.]

(a) Records of the monitoring data and supporting information required by this Permit shall be maintained for a minimum of five (5) years.

(b) Within 30 days of Permit issuance the permittee shall submit, to the Department for approval, the formats that records required in subparagraph (a) above are to be kept in.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.511.]

The permittee shall record, at a minimum, the following information relating to reports of malodors, fugitive particulate emission not authorized by Condition #001 of this Section and/or exceedances of the visible emissions standard from any

**SECTION C. Site Level Requirements**

sources listed in Section A of this Permit:

- (a) Date, time, place of incident(s).
- (b) Results of the investigation.
- (c) Any corrective action taken.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep sufficient records to show the actual individual and combined HAP emissions.

V. REPORTING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.511.]

(a) The permittee shall notify the Department by telephone at (610) 832-6241, within two (2) of becoming knowledgeable of an occurrence of any malfunction(s), of the source(s), listed in Section A of this Permit, or associated air cleaning device(s) which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this Permit or in 25 Pa. Code Article III.

(b) Malfunction(s) which occur(s) at this Title V facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate Permit conditions if the source continued to operate after the malfunction(s), shall immediately be reported to the Department by telephone at the above number.

(c) A written report describing the malfunction(s) shall be submitted to the Department within two (2) working days following the notification by telephone required under subsections (a) and (b) above. This report shall describe, at a minimum, the malfunction(s), the emission(s), the duration, and the corrective action(s) taken.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.511.]

(a) The permittee shall report, at a minimum, the following information relating to the reports malodors, and/or exceedances of any visible emissions and/or fugitive particulate emissions:

- (1) Date, time, and location of the incident(s).
- (2) Results of the investigation.
- (3) Any corrective action taken.

(b) These records shall be in a format approved by the Department, and kept as a permanent record.

016 [25 Pa. Code §135.21]

Emission statements

The permittee shall submit, by March 1 of each year, an annual emission statement for the preceding calendar year.

017 [25 Pa. Code §135.3]

Reporting

The permittee shall submit, by March 1 of each year, an Air Information Management System (AIMS) inventory report for the preceding calendar year.

SECTION C. Site Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

018 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in Condition #001, of this Section, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) Use, where possible, of water or suitable chemicals, as approved by the Department, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, water, or suitable chemicals, as approved by the Department, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) 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.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For New Source Review purposes, the allowable VOC emissions increase(net change) in the facility since 1994 is 5.38 tons per year(PA-15-0014A issued January 27, 1999).

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall immediately upon discovery implement measures, including the installation of air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this Permit is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act as stated in this Permit.

021 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall ensure that the air cleaning devices and sources, listed in Section A, of this Permit, are operated and maintained in a manner consistent with good operating and maintenance practices to control and minimize malodor, fugitive particulate emissions and visible emissions.

022 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

- (a) The permittee may not modify any source identified in Section A, of this permit, prior to obtaining Department approval, except those modifications authorized by Condition #017(g), of Section B, of this permit.
- (b) If an unauthorized modification of any source occurs at this facility, then this permit, as it pertains to the modified source(s), may be suspended and the source(s) shall not be operated until authorized by the Department.



SECTION C. Site Level Requirements

VII. ADDITIONAL REQUIREMENTS.

023 [25 Pa. Code §121.7]

Prohibition of air pollution.

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit within thirty days of 04/01/2002 a certificate of compliance with all permit terms and conditions set forth in this Title V permit as required under condition #24 of section B of this permit, and semi-annually thereafter.

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

*** Permit Shield In Effect ***

SECTION D. Source Level Requirements

Source ID: 031

Source Name: COMBINATION OF INSIG. COMB. SOURCES

Source Capacity/Throughput:

44.000 MMBTU/HR

N/A

NATURAL GAS



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount and type of fuel used by this source, on a monthly basis, using a Department approved method.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the amount and type of fuel used by this source, on a monthly basis, using a Department approved method.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The owner and operator shall record the date and operating hours for the emergency generator.

**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).

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The sources shall be operated and maintained in accordance with manufacturer's specifications and good air pollution control practices.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The operation of the emergency generator shall not exceed 500 hours per year.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of the combustion sources and units listed below:

Sources	Capacity	
	No. of Units	MMBTU/Hr (each)
Space Heaters	6	0.096
Line 1 Ovens	2	3.5
Line 2 Ovens	5	2
Line 3 Ovens	5	2.16
Pilot Line Ovens	2	0.5
Air Makeup Units	4	3
Front Office Heaters	2	0.15
Pilot Line Heaters	2	0.12
Slit Room Heaters	2	0.115
QA/QC Heater	1	0.06
Air Makeup Warehouse	1	0.4
R & D Heaters	2	0.15
Emergency Generator	1	1.09

*** Permit Shield in Effect. ***

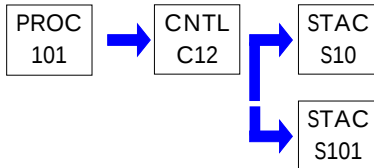
SECTION D. Source Level Requirements

Source ID: 101

Source Name: PROCESS TANK AREA & SOLVENT RECOVERY UNIT

Source Capacity / Throughput:

N / A



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner or operator shall operate this manufacturing process so as to limit the VOC atmospheric emissions from the process and the storage area to 15.0 tons per year in a 12-month consecutive 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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

To insure a temperature of equal to or less than minus fifty degrees f (-50°F) is maintained at the condenser, the permittee shall monitor the temperature, at the outlet of the condenser in the Solvent Recovery Unit on a daily basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner or operator shall monitor the amount of solvent processed through each of the six tanks and the inlet and outlet from the solvent recovery unit on a daily basis to demonstrate compliance with the VOC emissions limit.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The aggregate VOC emissions from this source shall be recorded monthly, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

To insure a temperature of equal to or less than minus 50 degrees F is maintained at the condenser, the permittee shall

SECTION D. Source Level Requirements

record the temperature, at the outlet of the condenser in the Solvent Recovery Unit on a daily basis.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records to clearly demonstrate to the Department that the sources are in compliance with emission limitations of this Operating Permit.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner or operator shall record on a daily basis the amount of solvent processed through the solvent recovery system and each of the six tanks and keep additional records, such as purchase orders, to demonstrate compliance with the VOC emissions limit.

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.

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner or operator shall operate sensors to detect VOC fugitive losses and conduct maintenance on all equipment with a fugitive leak in excess of 10,000 ppm.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

A temperature indicator and recorder shall be operated and maintained at the outlet of the condenser in the Solvent Recovery Unit. A temperature of equal to or less than minus fifty degrees F shall be maintained at this condenser.

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: 107B

Source Name: SURFACE COATING LINE 1

Source Capacity / Throughput:

6,666.667 CF / HR

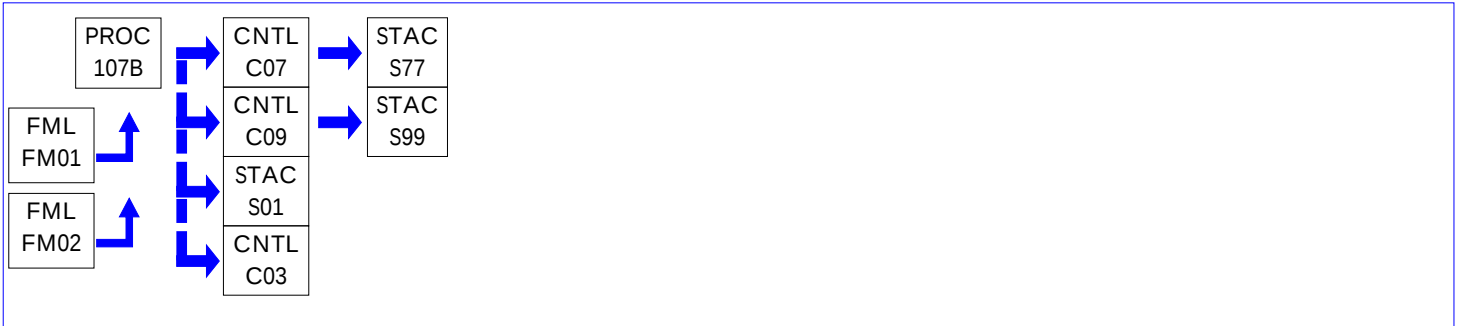
Natural Gas

10.000 Tons / HR

SOLVENT

N / A

CLEANING SOLVENT



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code §127.1.]

Emissions of total particulate matter (PM) from Surface Coating Line No. 1, when coating polyurethane foam, shall not exceed 0.02 grains per dry standard cubic foot.

002 [25 Pa. Code §123.13]

[Processes](#)

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The operation of surface coating process lines No. 1 (Source ID 107B) and No. 2 (Source ID 108B) shall not result in emitting, in total, more than 2,160 pounds per day and 240 tons per year of volatile organic compounds (VOCs) as determined on a 12-month rolling basis.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The VOC emissions generated from a by-pass when applying coatings, which comply with 25 Pa. Code Section 129.52(b)(1) shall also conform to the VOC emission limitations specified in this permit.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The NO_x emissions from dimethylformamide (HCON(CH₃)₂) or DMF combustion shall not exceed 115 tons per year in a 12-month consecutive period.

006 [25 Pa. Code §129.52]

SECTION D. Source Level Requirements

Surface coating processes

The permittee shall not cause or permit the emissions into the outdoor atmosphere of VOCs from a surface coating process unless the overall weight of VOCs emitted to the atmosphere is reduced through the use of incineration or another method which is acceptable under § 129.51(a) (relating to general). The overall efficiency of the control system, as determined by the test methods and procedures specified in Chapter 139 shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = (1 - E/V) \times 100$$

Where:

V = The VOC content of the as applied coating, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

E = Table I limit, as per 25 Pa. Code § 129.52, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

O = Overall control efficiency.

007 [25 Pa. Code §129.52]

Surface coating processes

Emissions of volatile organic compounds (VOCs) from Surface Coating Line No. 1, when coating polyurethane foam, shall not exceed 3 pounds per hour, 15 pounds per day, or 1 ton per year (based on a 12 - month rolling period).

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall certify the composition of each coating used at the facility, when the VOC emissions from the coating exceed 10% of the Title V threshold (See definition of "Title V facility" in 25 Pa. Code § 121.1.). All testing shall be performed in accordance with Method 24A, as specified in 40 CFR part 60, Appendix A, or an alternative test method, as approved by the Department. Whenever the VOC emissions from the coating exceed 10% of the Title V threshold in any ongoing calendar year, the coating shall be tested during that year. At least 25% of the affected coatings shall be tested quarterly and all of the affected coatings shall be tested at least once during the calendar year.

(b) Testing in accordance with sub-condition (a) is not required when one of the following provisions is met:

(1) Certified product data sheets (CPDS). When a CPDS is supplied, there is no need to replicate testing to verify the accuracy of CPDS. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

(2) Material safety data sheets (MSDS). When the ink or solvent is less than 50% of an emissions limitation, as calculated based on the upper bounds reported in a MSDS, no additional testing is needed. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

III. MONITORING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall monitor, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

SECTION D. Source Level Requirements

The owner shall monitor the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal weekly.

011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor the operational start and end times, for this source, on a daily basis.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall monitor the following information, for this source, using a Department approved method, on a daily basis:

(a) The following parameters for each coating, thinner and other component as supplied:

- (1) The coating, thinner or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.
- (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.

(b) The VOC content of each coating, thinner and other component as supplied.

(c) The VOC content of each as applied coating.

IV. RECORDKEEPING REQUIREMENTS.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The aggregate VOC emissions from this source shall be recorded daily, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

014 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall record, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

SECTION D. Source Level Requirements

As per the Rule Effectiveness Program for surface coating sources, the company shall keep records of the type and amount of training provided to each operator on the proper operation and maintenance of source(s) and control device(s).

016 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The aggregate NOx emissions from this source shall be recorded monthly, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

017 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, Operators must follow the Master Operation and Maintenance Instructions (O & M) and /or checklists for source(s) and air pollution control device(s) and sign off daily.

018 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records to clearly demonstrate to the Department that the sources are in compliance with emission limitations of this Operating Permit.

019 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall keep on hand the material safety data sheet (MSDS), from the suppliers, for the materials applied on the surface coating lines covered by this operating permit.

020 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall maintain records sufficient to demonstrate compliance with 25 Pa. Code § 129.52. At a minimum the facility shall, using a Department approved method, maintain daily records of:

(a) The following parameters for each coating, thinner and other component as supplied:

- (1) The coating, thinner or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.
- (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.

(b) The VOC content of each coating, thinner and other component as supplied.

SECTION D. Source Level Requirements

(c) The VOC content of each as applied coating.

021 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall record the operational start and end times, for this source, on a daily basis.

022 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall record when polyurethane foam is being processed and which control device is being used for the polyurethane foam.

V. REPORTING REQUIREMENTS.

023 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, coating composition and usage records required in Operating Permit are required for the Rule Effectiveness Program. These records shall be submitted to the Department once every six months.

VI. WORK PRACTICE REQUIREMENTS.

024 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The exhaust from surface coating line No. 1 (Source ID 107 B) shall be ducted to thermal oxidizer No. 2 (Source ID C09) while both surface coating lines No. 1 (Source ID 107B) and No. 2 (Source ID 108B) are applying solvent coatings at the same time.

025 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The company shall apply solvent coatings on only two of the three surface coating process lines (Source ID 107B, 108B, and 109) at the same time.

026 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall provide at least 41 hours of introductory training to new employees, and 25 hours per year of refresher training on the proper operation and maintenance of the source/control device.

027 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the source(s) and air pollution control device(s) shall be operated and maintained in a manner consistent with the Master Operations and Maintenance Instructions (O & M) supplied

SECTION D. Source Level Requirements

by the manufacturer.

028 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The polyurethane foam application process shall not be run on any other surface coating line unless prior approval has been received by the Department.

029 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

VOC emissions shall be controlled by either one of the thermal oxidizers (Source ID C07, Source ID C09) or the AES mist eliminator (Source ID C03).

030 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Work practice standard Condition which relates to the following:

The exhaust from surface coating line No. 1 (Source ID 107b) shall be ducted to thermal oxidizer No. 2 (Source ID C09) while both surface coating lines No. 1 (Source ID 107b) and No. 2 (Source ID 108B) are applying solvent coatings at the same time. shall apply unless Surface Coating Line No. 1 (Source ID 107B) is processing polyurethane foam.

VII. ADDITIONAL REQUIREMENTS.

031 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The polyurethane foam process is exempt from the conditions of 25 Pa. Code §129.52, except for recordkeeping requirements of 25 Pa. Code §129.52(c).

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 108B

Source Name: SURFACE COATING LINE 2

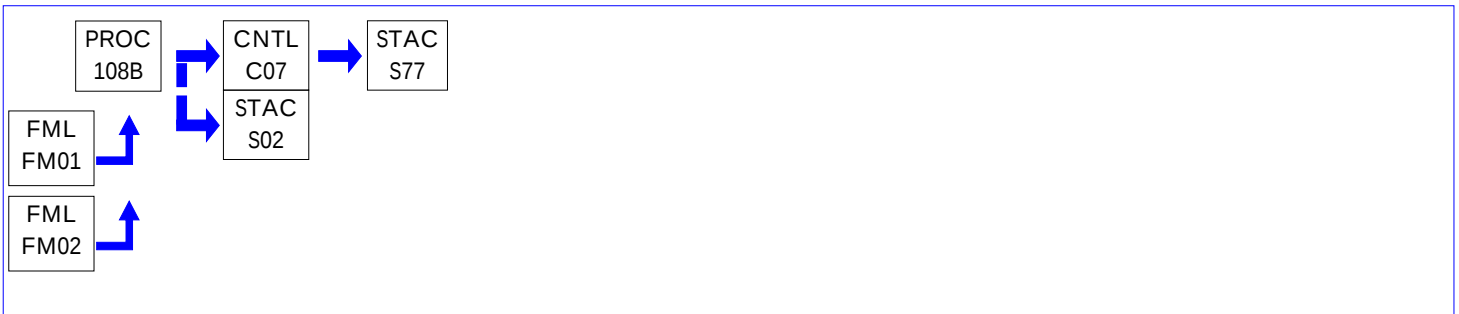
Source Capacity/Throughput:

9,523.809 CF/HR

Natural Gas

2,400.000 Tons/HR

SOLVENT



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The operation of surface coating process lines No. 1 (Source ID 107B) and No. 2 (Source ID 108B) shall not result in emitting, in total, more than 2,160 pounds per day and 240 tons per year of volatile organic compounds (VOCs) as determined on a 12-month rolling basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The VOC emissions generated from a by-pass when applying coatings, which comply with 25 Pa. Code Section 129.52(b)(1) shall also conform to the VOC emission limitations specified in this permit.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The NO_x emissions from dimethylformamide (HCON(CH₃)₂) or DMF combustion shall not exceed 115 tons per year in a 12-month consecutive period.

005 [25 Pa. Code §129.52]

Surface coating processes

The permittee shall not cause or permit the emissions into the outdoor atmosphere of VOCs from a surface coating process unless the overall weight of VOCs emitted to the atmosphere is reduced through the use of incineration or another method which is acceptable under § 129.51(a) (relating to general). The overall efficiency of the control system, as determined by the test methods and procedures specified in Chapter 139 shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = (1 - E/V) \times 100$$

SECTION D. Source Level Requirements

Where:

V = The VOC content of the as applied coating, in lb VOC /gal of coating solids or lb VOC /lb of coating solids.

E = Table I limit, as per 25 Pa. Code § 129.52, in lb VOC /gal of coating solids or lb VOC /lb of coating solids.

O = Overall control efficiency.

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall certify the composition of each coating used at the facility, when the VOC emissions from the coating exceed 10% of the Title V threshold (See definition of "Title V facility" in 25 Pa. Code § 121.1.). All testing shall be performed in accordance with Method 24A, as specified in 40 CFR part 60, Appendix A, or an alternative test method, as approved by the Department. Whenever the VOC emissions from the coating exceed 10% of the Title V threshold in any ongoing calendar year, the coating shall be tested during that year. At least 25% of the affected coatings shall be tested quarterly and all of the affected coatings shall be tested at least once during the calendar year.

(b) Testing in accordance with sub-condition (a) is not required when one of the following provisions is met:

(1) Certified product data sheets (CPDS). When a CPDS is supplied, there is no need to replicate testing to verify the accuracy of CPDS. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

(2) Material safety data sheets (MSDS). When the ink or solvent is less than 50% of an emissions limitation, as calculated based on the upper bounds reported in a MSDS, no additional testing is needed. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

III. MONITORING REQUIREMENTS.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall monitor, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall monitor the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal weekly.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor the operational start and end times, for this source, on a daily basis.

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall monitor the following information, for this source, using a Department approved method, on a daily basis:

SECTION D. Source Level Requirements

- (a) The following parameters for each coating, thinner and other component as supplied:
- (1) The coating, thinner or component name and identification number.
 - (2) The volume used.
 - (3) The mix ratio.
 - (4) The density or specific gravity.
 - (5) The weight percent of total volatiles, water, solids and exempt solvents.
 - (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.
- (b) The VOC content of each coating, thinner and other component as supplied.
- (c) The VOC content of each as applied coating.

IV. RECORDKEEPING REQUIREMENTS.

011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The aggregate VOC emissions from this source shall be recorded daily, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall record, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall keep records of the type and amount of training provided to each operator on the proper operation and maintenance of source(s) and control device(s).

014 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The aggregate NO_x emissions from this source shall be recorded monthly, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, Operators must follow the Master Operation and Maintenance Instructions (O & M) and/or checklists for source(s) and air pollution control device(s) and sign off daily.

SECTION D. Source Level Requirements

016 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records to clearly demonstrate to the Department that the sources are in compliance with emission limitations of this Operating Permit.

017 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall keep on hand the material safety data sheet (MSDS), from the suppliers, for the materials applied on the surface coating lines covered by this operating permit.

018 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall maintain records sufficient to demonstrate compliance with 25 Pa. Code § 129.52. At a minimum the facility shall, using a Department approved method, maintain daily records of:

(a) The following parameters for each coating, thinner and other component as supplied:

- (1) The coating, thinner or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.
- (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.

(b) The VOC content of each coating, thinner and other component as supplied.

(c) The VOC content of each as applied coating.

019 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall record the operational start and end times, for this source, on a daily basis.

V. REPORTING REQUIREMENTS.

020 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, coating composition and usage records required in Operating Permit are required for the Rule Effectiveness Program. These records shall be submitted to the Department once

SECTION D. Source Level Requirements

every six months.

VI. WORK PRACTICE REQUIREMENTS.

021 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The exhaust from surface coating line No. 1 (Source ID 107 B) shall be ducted to thermal oxidizer No. 2 (Source ID C09) while both surface coating lines No. 1 (Source ID 107B) and No. 2 (Source ID 108B) are applying solvent coatings at the same time.

022 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The company shall apply solvent coatings on only two of the three surface coating process lines (Source ID 107B, 108B, and 109) at the same time.

023 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall provide at least 41 hours of introductory training to new employees, and 25 hours per year of refresher training on the proper operation and maintenance of the source/control device.

024 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the source(s) and air pollution control device(s) shall be operated and maintained in a manner consistent with the Master Operations and Maintenance Instructions (O & M) supplied by the manufacturer.

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: 109B

Source Name: SURFACE COATING LINE 3

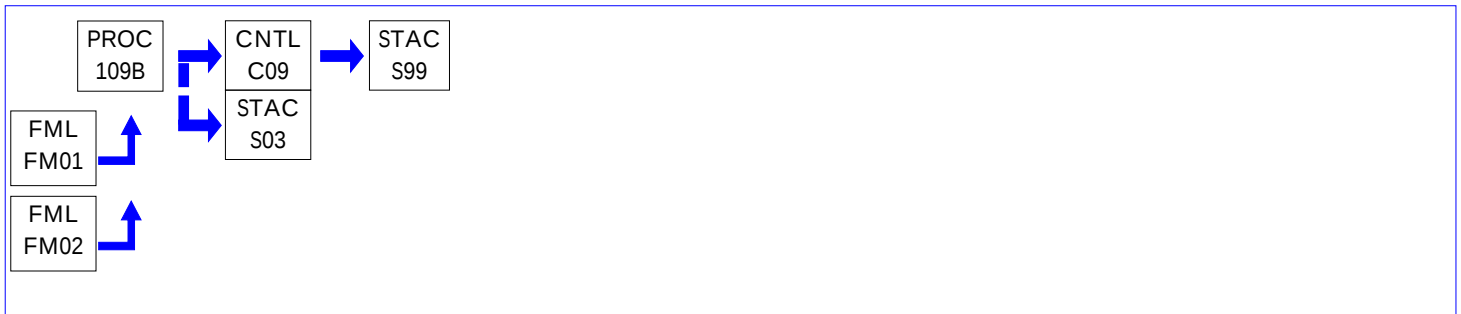
Source Capacity/Throughput:

6,190.476 CF/HR

Natural Gas

10.000 Tons/HR

SOLVENT



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The operation of surface coating process line No. 3 and the pilot line, including cleanup operations, shall not result in total VOC emissions more than 377 pounds per day and 44.7 tons per year on a 12-month rolling basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The VOC emissions generated from a by-pass when applying coatings, which comply with 25 Pa. Code Section 129.52(b)(1) shall also conform to the VOC emission limitations specified in this permit.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The NO_x emissions from dimethylformamide (HCON(CH₃)₂) or DMF combustion shall not exceed 115 tons per year in a 12-month consecutive period.

005 [25 Pa. Code §129.52]

Surface coating processes

The permittee shall not cause or permit the emissions into the outdoor atmosphere of VOCs from a surface coating process unless the overall weight of VOCs emitted to the atmosphere is reduced through the use of incineration or another method which is acceptable under § 129.51(a) (relating to general). The overall efficiency of the control system, as determined by the test methods and procedures specified in Chapter 139 shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = (1 - E/V) \times 100$$

SECTION D. Source Level Requirements

Where:

V = The VOC content of the as applied coating, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

E = Table I limit, as per 25 Pa. Code § 129.52, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

O = Overall control efficiency.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.442]

Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations
Standard for volatile organic compounds.

The owner or operator shall:

(a) Use coatings that would result in uncontrolled emissions of less than 0.20 kg VOC / kg of coating solids applied as calculated on a weighted average basis for one calendar month; or

(b) Demonstrate a 90 percent overall VOC emission reduction as calculated over a calendar month.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.447]

Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations
Reporting requirements.

(a) The owner or operator shall submit quarterly reports, to the U.S. EPA and the Department, of exceedances of the VOC emission limits specified in 60.442. If no such exceedances occur during a particular quarter, a report stating this shall be submitted to the U.S. EPA and the Department semi-annually.

(b) The owner or operator shall also submit reports semi-annually of all three hour periods during actual coating operations which the average temperature of the thermal oxidizer is more than 50 degrees Fahrenheit below the average temperature of the device during the most recent performance test. If no such periods occur the owner or operator shall state this in the report.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall certify the composition of each coating used at the facility, when the VOC emissions from the coating exceed 10% of the Title V threshold (See definition of "Title V facility" in 25 Pa. Code § 121.1.). All testing shall be performed in accordance with Method 24A, as specified in 40 CFR part 60, Appendix A, or an alternative test method, as approved by the Department. Whenever the VOC emissions from the coating exceed 10% of the Title V threshold in any ongoing calendar year, the coating shall be tested during that year. At least 25% of the affected coatings shall be tested quarterly and all of the affected coatings shall be tested at least once during the calendar year.

(b) Testing in accordance with sub-condition (a) is not required when one of the following provisions is met:

(1) Certified product data sheets (CPDS). When a CPDS is supplied, there is no need to replicate testing to verify the accuracy of CPDS. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

(2) Material safety data sheets (MSDS). When the ink or solvent is less than 50% of an emissions limitation, as calculated based on the upper bounds reported in a MSDS, no additional testing is needed. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

SECTION D. Source Level Requirements

III. MONITORING REQUIREMENTS.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall monitor, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall monitor the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal weekly.

011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor the operational start and end times, for this source, on a daily basis.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall monitor the following information, for this source, using a Department approved method, on a daily basis:

(a) The following parameters for each coating, thinner and other component as supplied:

- (1) The coating, thinner or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.
- (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.

(b) The VOC content of each coating, thinner and other component as supplied.

(c) The VOC content of each as applied coating.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor, using a differential manometer or equivalent, the pressure differential between the inside and outside of the enclosure.

014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.445]

[Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations](#)

SECTION D. Source Level Requirements**Monitoring of operations and recordkeeping.**

The owner or operator shall operate a monitoring device which continuously indicates the temperature of the solvent destruction device's exhaust gases.

IV. RECORDKEEPING REQUIREMENTS.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The aggregate VOC emissions from this source shall be recorded daily, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall record, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall keep records of the type and amount of training provided to each operator on the proper operation and maintenance of source(s) and control device(s).

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The aggregate NO_x emissions from this source shall be recorded monthly, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, Operators must follow the Master Operation and Maintenance Instructions (O & M) and/or checklists for source(s) and air pollution control device(s) and sign off daily.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records to clearly demonstrate to the Department that the sources are in compliance with emission limitations of this Operating Permit.

021 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall keep on hand the material safety data sheet (MSDS), from the suppliers, for the materials applied on the surface coating lines covered by this operating permit.

SECTION D. Source Level Requirements

022 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall maintain records sufficient to demonstrate compliance with 25 Pa. Code § 129.52. At a minimum the facility shall, using a Department approved method, maintain daily records of:

(a) The following parameters for each coating, thinner and other component as supplied:

- (1) The coating, thinner or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.
- (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.

(b) The VOC content of each coating, thinner and other component as supplied.

(c) The VOC content of each as applied coating.

023 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall record the operational start and end times, for this source, on a daily basis.

024 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall record the pressure differential between the inside and outside of the enclosure once daily when operating the equipment.

025 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.443]

[Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations Compliance provisions.](#)

The owner or operator shall:

- (a) Calculate and record a weighted average of the mass of solvents used per mass of coating solids applied for one calendar month period;
- (b) Continuously record the thermal oxidizer combustion temperature; and
- (c) Record all three (3) hour periods (during actual coating operations) during which the average temperature of the device is more than 50 degrees Fahrenheit below the average temperature of the device during the most recent performance test.

026 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.445]

SECTION D. Source Level Requirements**Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations**
Monitoring of operations and recordkeeping.

(a) The owner or operator shall maintain a calendar month record of all coatings used and the manufacturer's formulation data used for determining the VOC content of those coatings.

(b) The owner or operator shall operate a monitoring device which continuously indicates and records the temperature of the solvent destruction device's exhaust gases.

V. REPORTING REQUIREMENTS.

027 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, coating composition and usage records required in Operating Permit are required for the Rule Effectiveness Program. These records shall be submitted to the Department once every six months.

028 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

Surface coating process line No. 3 is subject to Subpart RR of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 C.F.R. Section 60.4 requires submission of copies of all requests, reports, applications, submittals, and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
US EPA, Region III
1650 Arch Street
Philadelphia, PA 19103

VI. WORK PRACTICE REQUIREMENTS.

029 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The company shall apply solvent coatings on only two of the three surface coating process lines (Source ID 107B, 108B, and 109) at the same time.

030 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall provide at least 41 hours of introductory training to new employees, and 25 hours per year of refresher training on the proper operation and maintenance of the source/control device.

**SECTION D. Source Level Requirements**

031 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the source(s) and air pollution control device(s) shall be operated and maintained in a manner consistent with the Master Operations and Maintenance Instructions (O & M) supplied by the manufacturer.

032 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

A differential manometer or equivalent shall be installed and maintained to measure the pressure differential between the inside and outside of the enclosure.

033 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The enclosure system on surface coating process line No. 3 shall be operated in the same manner as those regulated under 40 C.F.R. 60.713(b)(5)(i) to demonstrate a 100% enclosure around the surface coating line No. 3.

(a) Total area of all natural draft openings shall not exceed 5 percent of the total surface area of the total enclosure walls, floor, and ceiling.

(b) All sources of emissions within the enclosure shall be a minimum of four equivalent diameters away from each natural draft opening.

(c) Any exhaust point from the enclosure shall be at least four equivalent duct diameters from each natural draft opening.

(d) Average inward face velocity across all natural draft openings (FV) shall be minimum of 3,600 meters per hour.

(e) The air passing through all natural draft openings shall flow into the enclosure continuously.

(f) All access openings not included in paragraph (a) of this condition shall be closed during routine operations of the total enclosure.

034 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.443]

[Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations Compliance provisions.](#)

Emissions from start up and shut down shall be included when determining if the overall emission reduction from Condition #006 (b) is being attained.

035 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.445]

[Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations Monitoring of operations and recordkeeping.](#)

(a) The owner or operator shall install, maintain, and operate a monitoring device which continuously indicates and records the temperature of the solvent destruction device's exhaust gases.

(b) The owner or operator shall install, maintain, and operate a monitoring device which continuously indicates that the



SECTION D. Source Level Requirements

hood or enclosure used to capture VOC fugitive emissions is operating.

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. ***

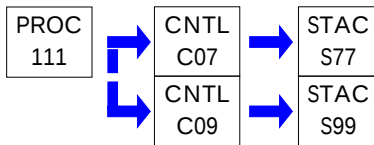
SECTION D. Source Level Requirements

Source ID: 111

Source Name: MEDICAL COMPOUNDING ROOM

Source Capacity / Throughput:

N / A



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.

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall monitor the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

Data or information required under this operating permit shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records that show the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal.

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. ***

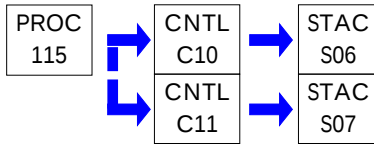
SECTION D. Source Level Requirements

Source ID: 115

Source Name: PRODUCT TAKE OFF ZONE

Source Capacity / Throughput:

N / A



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.02 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.

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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner or operator shall operate and maintain this source in accordance with 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. ***

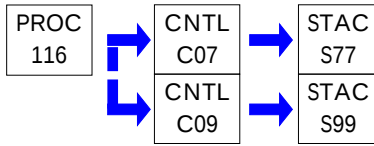
SECTION D. Source Level Requirements

Source ID: 116

Source Name: PILOT LINE (SUFACE COATING LINE)

Source Capacity / Throughput:

N / A



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The operation of surface coating process line No. 3 and the pilot line, including cleanup operations, shall not result in total VOC emissions more than 377 pounds per day and 44.7 tons per year on a 12-month rolling basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The VOC emissions generated from a by-pass when applying coatings, which comply with 25 Pa. Code Section 129.52(b)(1) shall also conform to the VOC emission limitations specified in this permit.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The NO_x emissions from dimethylformamide (HCON(CH₃)₂) or DMF combustion shall not exceed 115 tons per year in a 12-month consecutive period.

005 [25 Pa. Code §129.52]

Surface coating processes

The permittee shall not cause or permit the emissions into the outdoor atmosphere of VOCs from a surface coating process unless the overall weight of VOCs emitted to the atmosphere is reduced through the use of incineration or another method which is acceptable under § 129.51(a) (relating to general). The overall efficiency of the control system, as determined by the test methods and procedures specified in Chapter 139 shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = (1 - E / V) \times 100$$

Where:

V = The VOC content of the as applied coating, in lb VOC/gal of coating solids or lb VOC/lb of coating solids.

E = Table I limit, as per 25 Pa. Code § 129.52, in lb VOC/gal of coating solids or lb VOC/lb of coating solids.

O = Overall control efficiency.

SECTION D. Source Level Requirements**II. TESTING REQUIREMENTS.**

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall certify the composition of each coating used at the facility, when the VOC emissions from the coating exceed 10% of the Title V threshold (See definition of "Title V facility" in 25 Pa. Code § 121.1.). All testing shall be performed in accordance with Method 24A, as specified in 40 CFR part 60, Appendix A, or an alternative test method, as approved by the Department. Whenever the VOC emissions from the coating exceed 10% of the Title V threshold in any ongoing calendar year, the coating shall be tested during that year. At least 25% of the affected coatings shall be tested quarterly and all of the affected coatings shall be tested at least once during the calendar year.

(b) Testing in accordance with sub-condition (a) is not required when one of the following provisions is met:

(1) Certified product data sheets (CPDS). When a CPDS is supplied, there is no need to replicate testing to verify the accuracy of CPDS. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

(2) Material safety data sheets (MSDS). When the ink or solvent is less than 50% of an emissions limitation, as calculated based on the upper bounds reported in a MSDS, no additional testing is needed. Solvents used to dilute coatings as well as cleanup solvents must be tracked and included with the totals.

III. MONITORING REQUIREMENTS.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall monitor, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall monitor the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal weekly.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor the operational start and end times, for this source, on a daily basis.

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall monitor the following information, for this source, using a Department approved method, on a daily basis:

(a) The following parameters for each coating, thinner and other component as supplied:

(1) The coating, thinner or component name and identification number.

(2) The volume used.

SECTION D. Source Level Requirements

- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.
- (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.
- (b) The VOC content of each coating, thinner and other component as supplied.
- (c) The VOC content of each as applied coating.

IV. RECORDKEEPING REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The aggregate VOC emissions from this source shall be recorded daily, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall record, using a Department approved method, the quantity of dimethylformamide [HCON(CH₃)₂] on a daily basis.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall keep records of the type and amount of training provided to each operator on the proper operation and maintenance of source(s) and control device(s).

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The aggregate NO_x emissions from this source shall be recorded monthly, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, Operators must follow the Master Operation and Maintenance Instructions (O & M) and/or checklists for source(s) and air pollution control device(s) and sign off daily.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records to clearly demonstrate to the Department that the sources are in compliance with emission limitations of this Operating Permit.

SECTION D. Source Level Requirements

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall keep on hand the material safety data sheet (MSDS), from the suppliers, for the materials applied on the surface coating lines covered by this operating permit.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

The permittee shall maintain records sufficient to demonstrate compliance with 25 Pa. Code § 129.52. At a minimum the facility shall, using a Department approved method, maintain daily records of:

(a) The following parameters for each coating, thinner and other component as supplied:

- (1) The coating, thinner or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.
- (6) The volume percent of solids for Table I, of 25 Pa. Code § 129.52, surface coating process categories 1--10.

(b) The VOC content of each coating, thinner and other component as supplied.

(c) The VOC content of each as applied coating.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the operational start and end times, for this source, on a daily basis.

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.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall provide at least 41 hours of introductory training to new employees, and 25 hours per year of refresher training on the proper operation and maintenance of the source/control device.



SECTION D. Source Level Requirements

021 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the source(s) and air pollution control device(s) shall be operated and maintained in a manner consistent with the Master Operations and Maintenance Instructions (O & M) supplied by the manufacturer.

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. ***

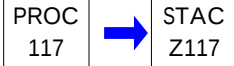
SECTION D. Source Level Requirements

Source ID: 117

Source Name: CLEANUP OPERATIONS

Source Capacity / Throughput:

N / A



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The VOC emissions from cleanup operations shall not, in total, exceed 4.5 tons per year in a 12-month consecutive 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.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall monitor the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The aggregate VOC emissions from this source shall be recorded monthly, using a Department approved method. The twelve month rolling total shall be calculated and recorded monthly.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

Data or information required under this operating permit shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall keep on hand the material safety data sheet (MSDS), from the suppliers, for the materials applied on the surface coating lines covered by this operating permit.

SECTION D. Source Level Requirements

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records that clearly demonstrate to the Department that the sources are in compliance with emission limitations of this Operating Permit.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner shall maintain records that show the amount of each solvent used for cleanup purpose and the amount of solvent waste shipped for disposal.

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.

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The source consists of cleanup operations on the following items:

- (a) Line equipment and parts cleaning;
- (b) Equipment cleaning in compounding rooms;
- (c) Equipment cleaning in foam room;
- (d) Foam line purge.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

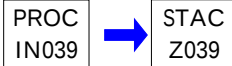
Source ID: IN039

Source Name: COMPOUNDING ROOM

Source Capacity/Throughput:

N/A

CLEANING SOLVNT

**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.

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

Data or information required under this operating permit shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

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: C03

Source Name: AES MIST ELIMINATOR

Source Capacity / Throughput:

N / A

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code §127.1.]

Emissions of total particulate matter (PM) from Surface Coating Line No. 1, when coating polyurethane foam, shall not exceed 0.02 grains per dry standard cubic foot.

002 [25 Pa. Code §129.52]

[Surface coating processes](#)

Emissions of volatile organic compounds (VOCs) from Surface Coating Line No. 1, when coating polyurethane foam, shall not exceed 3 pounds per hour, 15 pounds per day, nor 1 ton per year (based on a 12 - month rolling 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.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The pressure drop gauges associated with the mist eliminator shall be monitored daily, when in operation.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The recirculation flow rate of the cyclonic scrubber shall be monitored on a daily basis, when in operation.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The recirculation flow rate of the cyclonic scrubber shall be recorded on a daily basis, when in operation.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The pressure drop readings associated with the mist eliminator shall be recorded on a daily basis, when in operation.

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.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall operate and maintain a flow meter to measure the recirculation flow rate of the cyclonic scrubber.

SECTION D. Source Level Requirements

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall operate and maintain differential pressure gauges to measure the pressure drop at the entrance of the mist eliminator and across the mist eliminator fibered filters.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The pressure drop across the mist eliminator fibered filters shall be maintained between 1 to 6 inches water gauge (w.g.).

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The pressure drop at the entrance to the mist eliminator shall be maintained between 0.3 and 3 inches w.g. The flow rate through the mist eliminator shall be adjusted accordingly to maintain this pressure drop range.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

This mist eliminator is a Model AC24CS mist eliminator, manufactured by Advanced Environmental System Corporation (AES). The mist eliminator has a rated exhaust capacity of 5,400 standard cubic feet per minute.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The mist eliminator, Source C03, is an air-clear fibered mist eliminator with a cyclonic scrubber. It shall be used on Surface Coating Line No. 1, (Source ID 107B), only when polyurethane foam is being processed.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

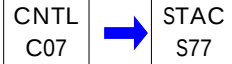
Source ID: C07

Source Name: THERMAL OXIDIZER, C.W. AIRSYSTEMS 1

Source Capacity / Throughput:

N / A

Natural Gas



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Control Device Efficiencies Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

(a) The permittee shall, while applying coatings which do not comply with 25 Pa. Code § 129.52(b)(1), ensure that the overall efficiency of the control system, as determined by the test methods and procedures specified in 25 Pa. Code § 139, shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = (1 - E/V) \times 100$$

Where:

V = The VOC content of the as applied coating, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

E = Table I limit, as per 25 Pa. Code § 129.52, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

O = Overall control efficiency.

(b) For solvent cleanup operations conducted after the application of solvent based coatings, the minimum overall efficiency specified below shall be maintained:

Coating Lines	Overall Efficiency
Line 1	75%
Line 2	85%
Line 3	90%
Pilot Line	75%

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall conduct a stack test once every five years to determine the overall control efficiency of the control device for VOC emissions. The company shall use the test methods and procedures approved by the Department's Source Testing and Monitoring Section. The test shall be conducted within the final year before the operating permit expires. Results shall be submitted to the Department for review at least

SECTION D. Source Level Requirements

60 days prior to the expiration of the operating permit.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall perform stack test for, using the Department Approved procedures for stack testing, twelve (12) month prior to this permit expiration. The stack test shall, at a minimum, test for the PM, SO_x, NO_x, CO, etc.

(b) At least sixty (60) days prior to the test, the company shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(c) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(d) Within thirty (30) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor the operational start and end times, for this source, on a daily basis.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The company shall maintain a temperature measuring and recording device on the thermal oxidizer to indicate and record the temperature of the gases exiting the combustion chambers.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall keep records of the type and amount of training provided to each operator on the proper operation and maintenance of source(s) and control device(s).

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, Operators must follow the Master Operation and Maintenance Instructions (O & M) and/or checklists for source(s) and air pollution control device(s) and sign off daily.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall record the operational start and end times, for this source, on a daily basis.

SECTION D. Source Level Requirements

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The company shall maintain a temperature measuring and recording device on the thermal oxidizer to indicate and record the temperature of the gases exiting the combustion chambers.

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.

011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall provide at least 41 hours of introductory training to new employees, and 25 hours per year of refresher training on the proper operation and maintenance of the source/control device.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the source(s) and air pollution control device(s) shall be operated and maintained in a manner consistent with the Master Operations and Maintenance Instructions (O & M) supplied by the manufacturer.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The Thermal Oxidizer shall not be by-passed unless the surface coating lines are applying coatings, which comply with 25 Pa. Code § 129.52(b)(1) or when processing polyurethane foam through Surface Coating Line No. 1 (Source 107B) and do not exceed 3 pounds per hour, 15 pounds per day, or 1 ton per year (based on a 12 - month rolling period).

014 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The Thermal Oxidizer shall be operated and maintained in accordance with the manufacturer's specifications and good air pollution control practices.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The burners associated with the thermal oxidizer shall be set as to maintain a minimum combustion chamber exit gas temperature of 1400 degrees Fahrenheit. This temperature shall be attained before the start of any solvent coating operations.



SECTION D. Source Level Requirements

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The combustion gas temperature of 1400 degrees Fahrenheit shall be maintained for at least 15 minutes after the last application of solvent coatings and the subsequent solvent cleanup operations.

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

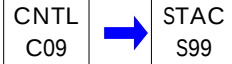
Source ID: C09

Source Name: THERMAL OXIDIZER, C.W. AIRSYSTEMS 2

Source Capacity / Throughput:

N / A

Natural Gas



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Control Device Efficiencies Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

(a) The permittee shall, while applying coatings which do not comply with 25 Pa. Code § 129.52(b)(1), ensure that the overall efficiency of the control system, as determined by the test methods and procedures specified in 25 Pa. Code § 139, shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = (1 - E/V) \times 100$$

Where:

V = The VOC content of the as applied coating, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

E = Table I limit, as per 25 Pa. Code § 129.52, in lb VOC / gal of coating solids or lb VOC / lb of coating solids.

O = Overall control efficiency.

(b) For solvent cleanup operations conducted after the application of solvent based coatings, the minimum overall efficiency specified below shall be maintained:

Coating Lines	Overall Efficiency
Line 1	75%
Line 2	85%
Line 3	90%
Pilot Line	75%

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall conduct a stack test once every five years to determine the overall control efficiency of the control device for VOC emissions. The company shall use the test methods and procedures approved by the Department's Source Testing and Monitoring Section. The test shall be conducted within the final year before the operating permit expires. Results shall be submitted to the Department for review at least

SECTION D. Source Level Requirements

60 days prior to the expiration of the operating permit.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall perform stack test for, using the Department Approved procedures for stack testing, twelve (12) month prior to this permit expiration. The stack test shall, at a minimum, test for the PM, SO_x, NO_x, CO, etc.

(b) At least sixty (60) days prior to the test, the company shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(c) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(d) Within thirty (30) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor the operational start and end times, for this source, on a daily basis.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The company shall maintain a temperature measuring and recording device on the thermal oxidizer to indicate and record the temperature of the gases exiting the combustion chambers.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall keep records of the type and amount of training provided to each operator on the proper operation and maintenance of source(s) and control device(s).

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, Operators must follow the Master Operation and Maintenance Instructions (O & M) and/or checklists for source(s) and air pollution control device(s) and sign off daily.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall record the operational start and end times, for this source, on a daily basis.

SECTION D. Source Level Requirements

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The company shall maintain a temperature measuring and recording device on the thermal oxidizer to indicate and record the temperature of the gases exiting the combustion chambers.

011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.443]

[Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations Compliance provisions.](#)

The owner or operator shall record all three (3) hour periods (during actual coating operations) during which the average temperature of the device is more than 50 degrees Fahrenheit below the average temperature of the device during the most recent performance test.

V. REPORTING REQUIREMENTS.

012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.447]

[Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations Reporting requirements.](#)

The owner or operator shall submit reports semi-annually of all three hour periods during actual coating operations which the average temperature of the thermal oxidizer is more than 50 degrees Fahrenheit below the average temperature of the device during the most recent performance test. If no such periods occur the owner or operator shall state this in the report.

VI. WORK PRACTICE REQUIREMENTS.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the company shall provide at least 41 hours of introductory training to new employees, and 25 hours per year of refresher training on the proper operation and maintenance of the source/control device.

014 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512.]

As per the Rule Effectiveness Program for surface coating sources, the source(s) and air pollution control device(s) shall be operated and maintained in a manner consistent with the Master Operations and Maintenance Instructions (O & M) supplied by the manufacturer.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The Thermal Oxidizer shall not be by-passed unless the surface coating lines are applying coatings, which comply with 25 Pa. Code § 129.52(b)(1) or when processing polyurethane foam through Surface Coating Line No. 1 (Source 107B) and do not exceed 3 pounds per hour, 15 pounds per day, or 1 ton per year (based on a 12 - month rolling period).

SECTION D. Source Level Requirements

016 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The Thermal Oxidizer shall be operated and maintained in accordance with the manufacturer's specifications and good air pollution control practices.

017 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The burners associated with the thermal oxidizer shall be set as to maintain a minimum combustion chamber exit gas temperature of 1400 degrees Fahrenheit. This temperature shall be attained before the start of any solvent coating operations.

018 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The combustion gas temperature of 1400 degrees Fahrenheit shall be maintained for at least 15 minutes after the last application of solvent coatings and the subsequent solvent cleanup operations.

019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.445]

[Subpart RR - Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations](#)

[Monitoring of operations and recordkeeping.](#)

(a) The owner or operator shall install, maintain, and operate a monitoring device which continuously indicates and records the temperature of the solvent destruction device's exhaust gases.

(b) The owner or operator shall install, maintain, and operate a monitoring device which continuously indicates that the hood or enclosure used to capture VOC fugitive emissions is operating.

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. ***

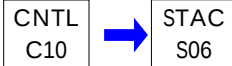
SECTION D. Source Level Requirements

Source ID: C10

Source Name: DUST COLLECTOR 1

Source Capacity/Throughput:

N/A

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.02 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 §127.441]

Operating permit terms and conditions.

The permittee shall monitor daily, using a Department approved method, the pressure differential across the collectors.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record daily, using a Department approved method, the pressure differential across the collectors.

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.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

(a) The fabric collectors must be equipped with a device for measuring the pressure differential across the collector.

(b) The pressure differential across the collectors shall be maintained at more than 2 inches water gage (w.g.).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]



SECTION D. Source Level Requirements

The owner or operator shall keep on hand a sufficient quantity of spare cartridge-type elements for the fabric collector(s), in order to be able to immediately replace any cartridge-type elements requiring replacement due to deterioration resulting from routine operation of the sources(s) and fabric collector(s).

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner / operator shall operate and maintain the cartridge-type fabric collectors in accordance with 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. ***

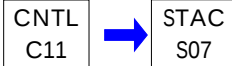
SECTION D. Source Level Requirements

Source ID: C11

Source Name: DUST COLLECTOR 2

Source Capacity / Throughput:

N / A

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.02 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 §127.441]

Operating permit terms and conditions.

The permittee shall monitor daily, using a Department approved method, the pressure differential across the collectors.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor daily, using a Department approved method, the pressure differential across the collectors.

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.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner or operator shall keep on hand a sufficient quantity of spare cartridge-type elements for the fabric collector(s), in order to be able to immediately replace any cartridge-type elements requiring replacement due to deterioration resulting from routine operation of the sources(s) and fabric collector(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

**SECTION D. Source Level Requirements**

(a) The fabric collectors must be equipped with a device for measuring the pressure differential across the collector.

(b) The pressure differential across the collectors shall be maintained at more than 2 inches water gage (w.g.).

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The owner / operator shall operate and maintain the cartridge-type fabric collectors in accordance with 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. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.

SECTION F. Emission Restriction Summary.

Source Id	Source Description		
101	PROCESS TANK AREA & SOLVENT RECOVERY UNIT		
Emission Limit		Pollutant	
15.000	Tons/Yr	12-consecutive month period	VOC
107B	SURFACE COATING LINE 1		
Emission Limit		Pollutant	
115.000	Tons/Yr	Agg.107B,108B,109B,116	NOX
0.020	gr/ DRY FT3	Particulate Matter - Polyurethane	TSP
1.000	Tons/Yr	Polyurethane	VOC
3.000	Lbs/ Hr	Polyurethane	VOC
15.000	Lbs/Day	Polyurethane	VOC
240.000	Tons/Yr	Agg. 107B &108B/ 12-month rolling Total	VOC
2,160.000	Lbs/Day	Agg. 107B & 108b	VOC
108B	SURFACE COATING LINE 2		
Emission Limit		Pollutant	
115.000	Tons/Yr	Agg.107B,108B,109B,116	NOX
240.000	Tons/Yr	Agg. 107B &108B/ 12-month rolling Total	VOC
2,160.000	Lbs/Day	Agg. 107B & 108b	VOC
109B	SURFACE COATING LINE 3		
Emission Limit		Pollutant	
115.000	Tons/Yr	Agg.107B,108B,109B,116	NOX
44.700	Tons/Yr	Aggr. from 109B & 116-12-month rolling basis	VOC
377.000	Lbs/Day	Aggr. from 109B & 116	VOC
116	PILOT LINE (SUFACE COATING LINE)		
Emission Limit		Pollutant	
115.000	Tons/Yr	Agg.107B,108B,109B,116	NOX
44.700	Tons/Yr	Aggr. from 109B & 116-12-month rolling basis	VOC
377.000	Lbs/Day	Aggr. from 109B & 116	VOC
117	CLEANUP OPERATIONS		
Emission Limit		Pollutant	
4.500	Tons/Yr	12 consecutive month total	VOC
C03	AES MIST ELIMINATOR		
Emission Limit		Pollutant	
0.020	gr/CF		PM10
1.000	Tons/Yr	Polyurethane	VOC
3.000	Lbs/ Hr	Polyurethane	VOC
15.000	Lbs/Day	Polyurethane	VOC



SECTION F. Emission Restriction Summary.

Site Emission Restriction Summary

Emission Limit	Pollutant
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SECTION G. Miscellaneous.

The following previously issued Operating Permit serves as a basis for certain terms and conditions in this Title V Operating Permit:

Operating Permit No. OP-15-0014A

The previously issued Plan Approval No. PA-15-0014C serves as a basis for certain terms and conditions for the Administrative Amendment for this Title V Operating permit, which addresses the installation of the Mist Eliminator, Source C03 on the Surface Coating Line No. 1, Source 107b.

This Operating Permit includes a minor modification to limit the facility's hazardous air pollutants, APS ID 345465, AUTH ID 600355.



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