



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: April 11, 2025

Effective Date: April 11, 2025

Expiration Date: April 10, 2030

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 unless otherwise designated.

State Only Permit No: 41-00071

Natural Minor

Federal Tax Id - Plant Code: 23-2477655-1

Owner Information

Name: WILLIAMSPORT STEEL CONTAINER CORP

Mailing Address: 360 ARCH ST  
WILLIAMSPORT, PA 17701-7811

Plant Information

Plant: WILLIAMSPORT STEEL CONTAINER/WILLIAMSPORT ARCH ST PLT

Location: 41 Lycoming County 41001 Williamsport City

SIC Code: 3412 Manufacturing - Metal Barrels, Drums, And Pails

Responsible Official

Name: MICHAEL FOGLIA

Title: VP

Phone: (570) 323 - 9473

Email: mfoglia@williamsportsteelcontainer.com

Permit Contact Person

Name: MICHAEL FOGLIA

Title: VP

Phone: (570) 323 - 9473

Email: mfoglia@williamsportsteelcontainer.com

[Signature] \_\_\_\_\_

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



## SECTION A. Table of Contents

### Section A. Facility/Source Identification

Table of Contents  
Site Inventory List

### Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation of Sources
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.
- #023 Reporting
- #024 Report Format

### Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

### Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

### Section E. Source Group Restrictions

- E-I: Restrictions



## **SECTION A. Table of Contents**

E-II: Testing Requirements  
E-III: Monitoring Requirements  
E-IV: Recordkeeping Requirements  
E-V: Reporting Requirements  
E-VI: Work Practice Standards  
E-VII: Additional Requirements

### **Section F. Alternative Operating Scenario(s)**

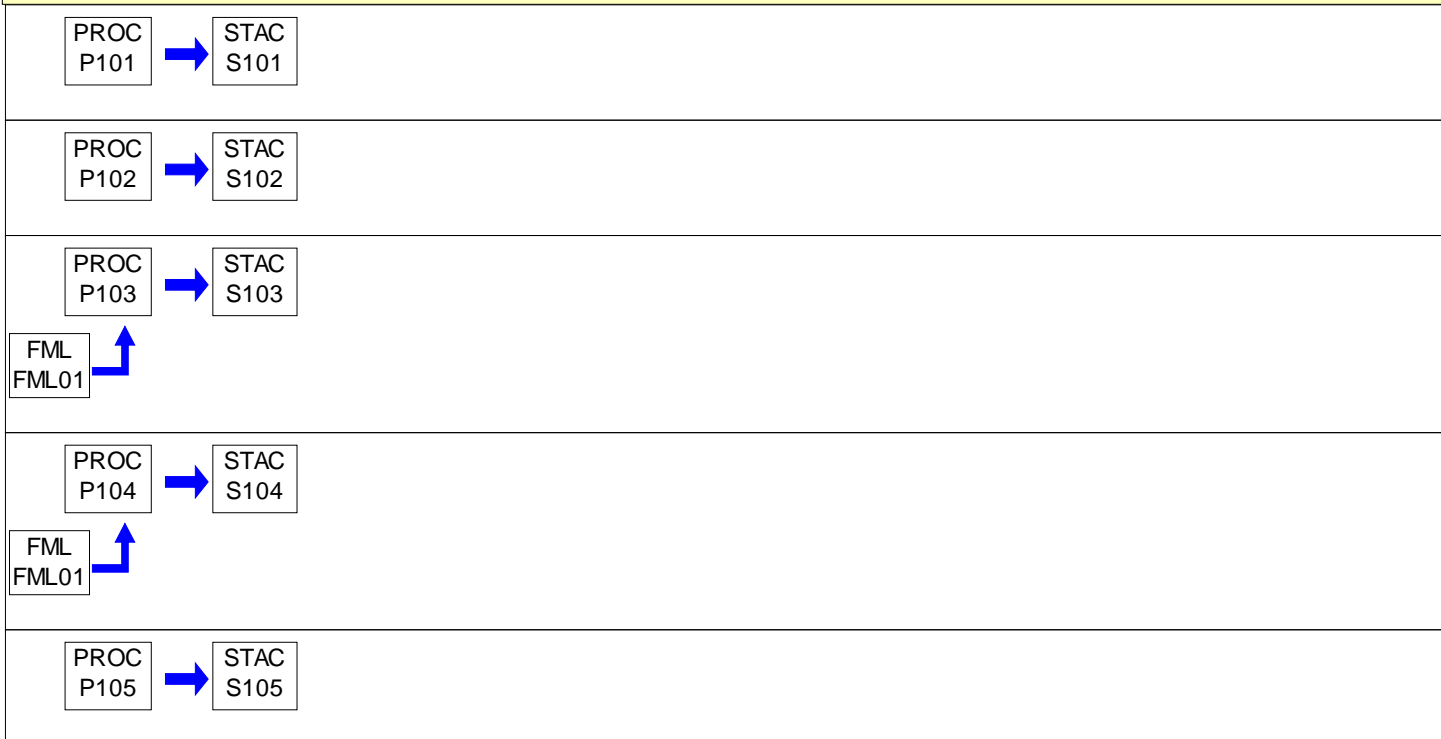
F-I: Restrictions  
F-II: Testing Requirements  
F-III: Monitoring Requirements  
F-IV: Recordkeeping Requirements  
F-V: Reporting Requirements  
F-VI: Work Practice Standards  
F-VII: Additional Requirements

### **Section G. Emission Restriction Summary**

### **Section H. Miscellaneous**

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
P101	PAINT BOOTH #2 - LINING SPRAY MACHINE BOOTH		
P102	PAINT BOOTH #3 - DRY FILTER TOUCH-UP PAINT BOOTH		
P103	HIGH BAKE DRUM CURING OVEN		
P104	FLASH-OFF OVEN		
P105	PAINT BOOTH #1 - WATER WASH BOOTH		
P106	PAINT BOOTH #4 - DRY FILTER PARTS BOOTH		
P108	GASKET CURING OVEN		
P109	PART PAINTING OVEN		
P110	SILK SCREEN PRINTING AND OVEN		
FML01	NATURAL GAS		
S101	LINING SPRAY MACHINE BOOTH STACK		
S102	DRY FILTER TOUCH-UP PAINT BOOTH STACK		
S103	HIGH BAKE DRUM CURING OVEN STACK		
S104	FLASH-OFF OVEN STACK		
S105	WATER WASH BOOTH STACK		
S106	DRY FILTER PARTS BOOTH		
S108	GASKET CURING OVEN		
S109	PART PAINTING OVEN		
S110	SILK SCREEN STACK		

**PERMIT MAPS**

**PERMIT MAPS**

PROC  
P106 → STAC  
S106

PROC  
P108 → STAC  
S108

FML  
FML01 →

PROC  
P109 → STAC  
S109

FML  
FML01 →

PROC  
P110 → STAC  
S110

FML  
FML01 →

**SECTION B. General State Only 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 in 25 Pa. Code § 121.1.

**#002 [25 Pa. Code § 127.446]****Operating Permit Duration.**

- (a) 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.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating 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.

**#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]****Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. 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.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) 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.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

**#004 [25 Pa. Code § 127.703]****Operating Permit Fees under Subchapter I.**

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
  - (1) For a synthetic minor facility, a fee equal to:
    - (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
    - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
    - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]****Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and 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 a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

**#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]****Inspection and Entry.**

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

(1) Enter at reasonable times upon the permittee's premises where a 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, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any 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, any 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 or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(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 §§ 127.441 & 127.444]****Compliance Requirements.**

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

**SECTION B. General State Only Requirements**

- (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 for the source is 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 State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

**#008 [25 Pa. Code § 127.441]****Need to Halt or Reduce Activity Not a Defense.**

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

**#009 [25 Pa. Code §§ 127.442(a) & 127.461]****Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

**#010 [25 Pa. Code § 127.461]****Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

**#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]****Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:



**SECTION B. General State Only Requirements**

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#012 [25 Pa. Code § 127.441]****Severability Clause.**

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

**#013 [25 Pa. Code § 127.449]****De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. 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.

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

(c) Except as provided below in (d), the permittee is authorized 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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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, the regulations thereunder 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, the regulations thereunder or 25 Pa. Code Article III.

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

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

**SECTION B. General State Only Requirements**

- (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 or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
  - (4) Space heaters which heat by direct heat transfer.
  - (5) Laboratory equipment used exclusively for chemical or physical analysis.
  - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) 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 (c)(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 this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (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, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making 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.

**#014 [25 Pa. Code § 127.3]****Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (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)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

**#015 [25 Pa. Code § 127.11a]****Reactivation of Sources**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(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).

**#016 [25 Pa. Code § 127.36]****Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

**#017 [25 Pa. Code § 121.9]****Circumvention.**

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 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

**#018 [25 Pa. Code §§ 127.402(d) & 127.442]****Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) 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 in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

**#019 [25 Pa. Code §§ 127.441(c) & 135.5]****Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

**#020 [25 Pa. Code §§ 127.441(c) and 135.5]****Recordkeeping.**

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

- (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 any 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.

**#021 [25 Pa. Code § 127.441(a)]****Property Rights.**

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

**#022 [25 Pa. Code § 127.447]****Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

**#024 [25 Pa. Code §135.4]****Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**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:

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

**# 002 [25 Pa. Code §123.2]****Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001 (1)-(8) above if the emissions are visible at the point the emissions pass outside the person's property.

**# 003 [25 Pa. Code §123.41]****Limitations**

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:

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

**# 004 [25 Pa. Code §123.42]****Exceptions**

The limitations of 25 Pa. Code §123.41 shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in 25 Pa. Code §123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 005 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on the respective source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

**# 006 [25 Pa. Code §139.11]****General requirements.**

- (a) As specified in 25 Pa. Code §139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.
- (b) As specified in 25 Pa. Code §139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:
- (1) A thorough source description, including a description of any air cleaning devices and the flue.
  - (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may affect emissions from the process.
  - (3) The location of the sampling ports.
  - (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO<sub>2</sub>, O<sub>2</sub>, and N<sub>2</sub>), static and barometric pressures.
  - (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
  - (6) Laboratory procedures and results.
  - (7) Calculated results.

**III. MONITORING REQUIREMENTS.****# 007 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and certified, to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

**IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §135.5]****Recordkeeping**

- (a) The permittee shall maintain such records, including computerized records, as may be necessary to comply with 25 Pa. Code §135.3. These may include records of production, fuel usage, equipment maintenance or other information, determined by the Department to be necessary for identification and quantification of air contaminant emissions.
- (b) Any records maintained pursuant to this condition shall be retained for at least 5 years and shall be shown to the Department upon request.

**SECTION C. Site Level Requirements****V. REPORTING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit all requested reports in accordance with the Department's suggested format.

**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall report malfunctions which occur at this facility to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in the emissions of air contaminants. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from this permit's requirements.

(c) When the malfunction, excess emissions or deviation from this permit's requirements poses an imminent and substantial danger to the public health and safety or the environment, the permittee shall notify the Department by telephone no later than one (1) hour after the incident.

(d) Unless otherwise required by the specific reporting requirements, any malfunction, excess emissions or deviation from this permit's requirements that is not subject to the notice requirements of subsection (c) of this permit condition shall be reported to the Department within 24 hours of discovery. In notifying the Department, the permittee shall describe the following:

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

(e) The permittee shall notify the Department immediately when corrective measures have been accomplished.

(f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within fifteen (15) days of the malfunction, excess emissions or deviations from this permit's requirements.

**VI. WORK PRACTICE REQUIREMENTS.****# 011 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions for any source specified in 25 Pa. Code §123.1(a)(1) through (7) and (9), to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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



**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 012 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act [The Air Pollution Control Act (35 P.S. §§ 4001-4015)].

**# 013 [25 Pa. Code §123.31]****Limitations**

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

**# 014 [25 Pa. Code §129.14]****Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

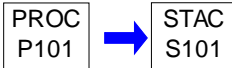
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: PAINT BOOTH #2 - LINING SPRAY MACHINE BOOTH

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

(a) The total combined emission of volatile organic compounds from Source IDs P101, P102, P103 and P104 shall not exceed 9.17 tons in any 12 consecutive month period, excluding any volatile organic compound emissions resulting from the use of cleanup solvents and any volatile organic compound emissions created from the combustion of natural gas in Source IDs P103 and P104.

(b) The total combined emission of volatile hazardous air pollutants from Source IDs P101, P102, P103 and P104 shall not exceed 0.76 tons in any 12 consecutive month period.

(c) The total combined volatile organic compound emissions from cleanup activities associated with Source IDs P101, P102, P103 and P104 shall not exceed 1.5 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

The concentration of particulate matter in the effluent gas of Source ID P101 shall not exceed 0.01 grains per dry standard cubic foot of effluent gas volume at any time.

**# 003 [25 Pa. Code §129.52]****Surface coating processes**

The volatile organic compound (VOC) content of each as applied coating used in Source P101 shall be equal to or less than the pail and drum interiors standard of 10.34 pounds VOC per gallon coating solids specified in Table I of 25 Pa. Code §129.52. The VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo})(\text{Dc})/\text{Vn}$$

where,

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC (Wv-Ww-Wex)

Wv = Weight percent of total volatiles (100%-weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal, at 25°C

Vn = Volume percent of solids of the as applied coating

**SECTION D. Source Level Requirements****Throughput Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

No more than a combined total of 3,807 gallons of coatings and coating additives shall be used in Source IDs P101 and P102 in any 12 consecutive month period, of which no more than 3,273 gallons shall have a volatile organic compound content in excess of 1.0 pound per gallon, no more than 3,209 gallons shall have a volatile organic compound content in excess of 2.0 pounds per gallon, no more than 3,173 gallons shall have a volatile organic compound content in excess of 3.0 pounds per gallon and none shall have a volatile organic compound content in excess of 4.3 pounds per gallon. Additionally, no more than 3,015 gallons shall contain volatile hazardous air pollutants, no more than 634 gallons shall have a volatile hazardous air pollutant content in excess of 1.0 pound per gallon and none shall have a volatile hazardous air pollutant content in excess of 1.8 pounds per gallon.

**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Only those coatings, coating additives, and cleanup solvents identified in the application and supplemental materials submitted for plan approval (or alternate materials determined by the Department of Environmental Protection to have an equivalent air contaminant emission potential) shall be used in, or in association with, Source ID P101.

**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

No more than a combined total of 800 gallons of acetone-containing solvent and volatile organic compound-containing solvent shall be used in any 12 consecutive month period for cleanup activities associated with Source IDs P101, P102, P103 and P104, of which no more than 400 gallons in any 12 consecutive period shall be volatile organic compound-containing solvent. Volatile hazardous air pollutant-containing solvent shall not be used for cleanup activities.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Source ID P101 shall be equipped with instrumentation to continuously monitor the differential pressure across the spray booth filters.

**IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;

**SECTION D. Source Level Requirements**

- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight); and
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) All records generated pursuant to Condition #008 shall be submitted to the Department on a semi-annual basis.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into a container as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.

**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Source ID P101 shall be equipped with spray booth filters upon any occasion when it is in use.

**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

All coatings used in Source ID P101 shall be applied by brush, wiping cloth, or by airless, air-assisted airless or HVLP (High Volume, Low Pressure) spray technology.

**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

All containers of coatings, coating additives, and cleaning solvents shall be kept closed when not in actual use.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

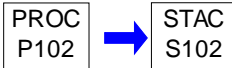
Source ID P101 is Paint Booth #2 -- Lining Spray Machine Booth.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: PAINT BOOTH #3 - DRY FILTER TOUCH-UP PAINT BOOTH

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

The concentration of particulate matter in the effluent gas of Source ID P102 shall not exceed 0.01 grains per dry standard cubic foot of effluent gas volume at any time.

**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

(a) The total combined emission of volatile organic compounds from Source IDs P101, P102, P103 and P104 shall not exceed 9.17 tons in any 12 consecutive month period, excluding any volatile organic compound emissions resulting from the use of cleanup solvents and any volatile organic compound emissions created from the combustion of natural gas in Source IDs P103 and P104.

(b) The total combined emission of volatile hazardous air pollutants from Source IDs P101, P102, P103 and P104 shall not exceed 0.76 tons in any 12 consecutive month period.

(c) The total combined volatile organic compound emissions from cleanup activities associated with Source IDs P101, P102, P103 and P104 shall not exceed 1.5 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

**# 003 [25 Pa. Code §129.52]****Surface coating processes**

(a) The volatile organic compound (VOC) content of each as applied coating used in Source ID P102 shall be equal to or less than the extreme performance coatings standard of 6.67 pounds VOC per gallon coating solids specified in Table I of 25 Pa. Code §129.52. The VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo})(\text{Dc})/\text{Vn}$$

where,

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC (Wv-Ww-Wex)

Wv = Weight percent of total volatiles (100%-weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal, at 25°C

Vn = Volume percent of solids of the as applied coating

**SECTION D. Source Level Requirements****Throughput Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

No more than a combined total of 3,807 gallons of coatings and coating additives shall be used in Sources IDs P101 and P102 in any 12 consecutive month period, of which no more than 3,273 gallons shall have a volatile organic compound content in excess of 1.0 pound per gallon, no more than 3,209 gallons shall have a volatile organic compound content in excess of 2.0 pounds per gallon, no more than 3,173 gallons shall have a volatile organic compound content in excess of 3.0 pounds per gallon and none shall have a volatile organic compound content in excess of 4.3 pounds per gallon. Additionally, no more than 3,015 gallons shall contain volatile hazardous air pollutants, no more than 634 gallons shall have a volatile hazardous air pollutant content in excess of 1.0 pound per gallon and none shall have a volatile hazardous air pollutant content in excess of 1.8 pounds per gallon.

**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Only those coatings, coating additives, and cleanup solvents identified in the application and supplemental materials submitted for plan approval (or alternate materials determined by the Department of Environmental Protection to have an equivalent air contaminant emission potential) shall be used in, or in association with, Source ID P102.

**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

No more than a combined total of 800 gallons of acetone-containing solvent and volatile organic compound-containing solvent shall be used in any 12 consecutive month period for cleanup activities associated with Source IDs P101, P102, P103 and P104, of which no more than 400 gallons in any 12 consecutive period shall be volatile organic compound-containing solvent. Volatile hazardous air pollutant-containing solvent shall not be used for cleanup activities.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Source ID P102 shall be equipped with instrumentation to continuously monitor the differential pressure across the spray booth filters.

**IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;

**SECTION D. Source Level Requirements**

- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight); and
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) All records generated pursuant to Condition #008 shall be submitted to the Department on a semi-annual basis.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Source ID P102 shall be equipped with spray booth filters upon any occasion when it is in use.

**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

All coatings used in Source ID P102 shall be applied by brush, wiping cloth, or by airless, air-assisted airless or HVLP (High Volume, Low Pressure) spray technology.

**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

All containers of coatings, coating additives, and cleaning solvents shall be kept closed when not in actual use.

**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into a container as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or other materials or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.



**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

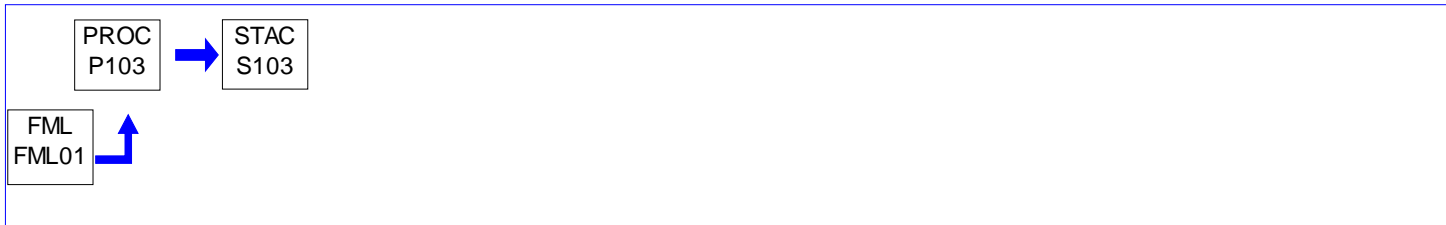
Source ID P102 is Paint Booth #3 -- Dry Filter Touch-Up Booth.

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: HIGH BAKE DRUM CURING OVEN

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

The concentration of particulate matter in the effluent gas of the process exhaust of Source ID P103 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume at any time.

**# 002 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas of the process exhaust of Source ID P103 shall not exceed 500 parts per million, by volume, dry basis, at any time.

**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

(a) The total combined emission of volatile organic compounds from Source IDs P101, P102, P103 and P104 shall not exceed 9.17 tons in any 12 consecutive month period, excluding any volatile organic compound emissions resulting from the use of cleanup solvents and any volatile organic compound emissions created from the combustion of natural gas in Source IDs P103 and P104.

(b) The total combined emission of volatile hazardous air pollutants from Source IDs P101, P102, P103 and P104 shall not exceed 0.76 tons in any 12 consecutive month period.

(c) The total combined volatile organic compound emissions from cleanup activities associated with Source IDs P101, P102, P103 and P104 shall not exceed 1.5 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

**Throughput Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

No more than a combined total of 800 gallons of acetone-containing solvent and volatile organic compound-containing solvent shall be used in any 12 consecutive month period for cleanup activities associated with Source IDs P101, P102, P103 and P104, of which no more than 400 gallons in any 12 consecutive period shall be volatile organic compound-containing solvent. Volatile hazardous air pollutant-containing solvent shall not be used for cleanup activities.

**II. TESTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight); and
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) All records generated pursuant to Condition #005 shall be submitted to the Department on a semi-annual basis.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

All containers of cleaning solvents shall be kept closed when not in actual use.

**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into containers as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner

**SECTION D. Source Level Requirements**

that would intentionally promote the evaporative loss of solvent.

**VII. ADDITIONAL REQUIREMENTS.**

# 009 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

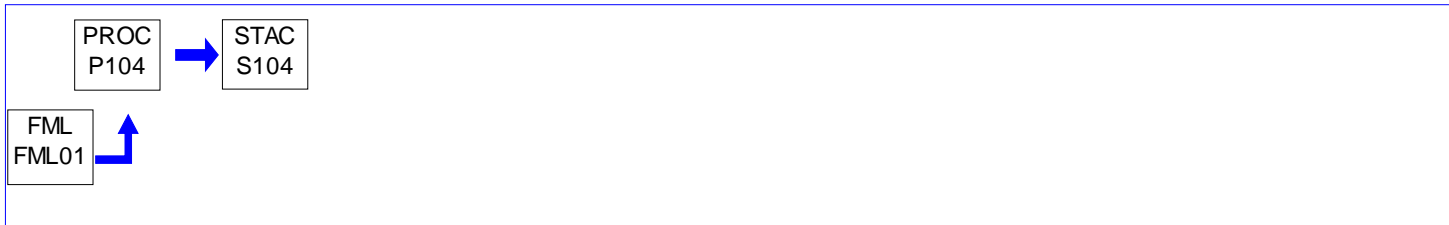
Source ID P103 is a 5.4 million Btu per hour Van Leer natural gas-fired curing oven.

**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: FLASH-OFF OVEN

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

The concentration of particulate matter in the effluent gas of the process exhaust of Source ID P104 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume at any time.

**# 002 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas of the process exhaust of Source ID P104 shall not exceed 500 parts per million, by volume, dry basis, at any time.

**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

(a) The total combined emission of volatile organic compounds from Source IDs P101, P102, P103 and P104 shall not exceed 9.17 tons in any 12 consecutive month period, excluding any volatile organic compound emissions resulting from the use of cleanup solvents and any volatile organic compound emissions created from the combustion of natural gas in Sources P103 and P104.

(b) The total combined emission of volatile hazardous air pollutants from Source IDs P101, P102, P103 and P104 shall not exceed 0.76 tons in any 12 consecutive month period.

(c) The total combined volatile organic compound emissions from cleanup activities associated with Source IDs P101, P102, P103 and P104 shall not exceed 1.5 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

**Throughput Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

(a) "Solvent B-27" and "Drawsol 100" (or alternate materials determined by the Department of Environmental Protection to have an equivalent air contaminant emission potential) shall be the only stamping lubricants used in the punching process associated with Source ID P104. Additionally, "Drawsol 100" shall be removed from all metal parts by wiping cloth before the parts enter Source P104.

(b) The total combined amount of "Solvent B-27" and any alternate stamping lubricant determined by the Department to be equivalent to "Solvent B-27" used in Source ID P104 shall not exceed 694 gallons in any 12 consecutive month period.

**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

No more than a combined total of 800 gallons of acetone-containing solvent and volatile organic compound-containing

**SECTION D. Source Level Requirements**

solvent shall be used in any 12 consecutive month period for cleanup activities associated with Source IDs P101, P102, P103 and P104, of which no more than 400 gallons in any 12 consecutive period shall be volatile organic compound-containing solvent. Volatile hazardous air pollutant-containing solvent shall not be used for cleanup activities.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight); and
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) The permittee shall maintain accurate and comprehensive records of the amount of "Solvent B-27" and any alternate stamping lubricant determined by the Department to be equivalent to "Solvent B-27" used in, or in association with, Source ID P104 each month.

(d) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) All records generated pursuant to Condition #006 shall be submitted to the Department on a semi-annual basis.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into containers as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.

**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code §§127.1 and 127.12]

All stamping lubricants and cleaning solvents shall be kept in closed containers when not in actual use.

**VII. ADDITIONAL REQUIREMENTS.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

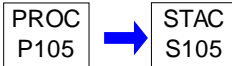
Source ID P104 is a 0.5 million Btu per hour Van Leer natural gas-fired lubricant flash-off oven.

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: PAINT BOOTH #1 - WATER WASH BOOTH

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID P105 associated with Source ID P105 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

**# 002 [25 Pa. Code §129.52]****Surface coating processes**

The volatile organic compound (VOC) content of each as applied coating used in Source ID P105 shall be equal to or less than the values specified in Table I of 25 Pa. Code Section 129.52 (listed, in part, below).

Miscellaneous metal parts & products	lbs/VOC per gal coating solids
pail and drum interiors	10.34
extreme performance coatings	6.67

The VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo}) (\text{Dc}) / \text{Vn}$$

Where:

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC ( $\text{Wv} - \text{Ww} - \text{Wex}$ )

Wv = Weight percent of total volatiles (100% - weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal, at 25 degree C

Vn = Volume percent of solids of the as applied coating

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:



**SECTION D. Source Level Requirements**

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight);
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) All records generated pursuant to Condition #003 shall be submitted to the Department on a semi-annual basis.
- (b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into a container as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.

**VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

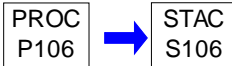
Source ID P105 is Paint Booth #1 -- Water Wash Booth.

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: PAINT BOOTH #4 - DRY FILTER PARTS BOOTH

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID P106 associated with Source ID P106 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

**# 002 [25 Pa. Code §129.52]****Surface coating processes**

The volatile organic compound (VOC) content of each as applied coating used in Source ID P106 shall be equal to or less than the extreme performance coatings standard of 6.67 pounds of VOC per gallon coating solids specified in Table I of Pa. Code Section 129.52. The VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo}) (\text{Dc}) / \text{Vn}$$

Where:

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC (Wv-Ww-Wex)

Wv = Weight percent of total volatiles (100%- weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal, at 25 degree C

Vn = Volume percent of solids of the as applied coating

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile

**SECTION D. Source Level Requirements**

hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight);
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) All records generated pursuant to Condition #003 shall be submitted to the Department on a semi-annual basis.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into a container as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.

**VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

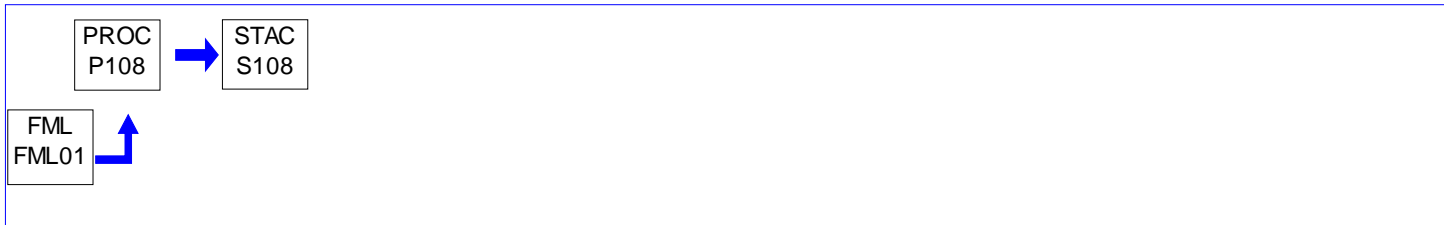
Source ID P106 is Paint Booth #4 -- Dry Filter Parts Booth.

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: GASKET CURING OVEN

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

The concentration of particulate matter in the effluent gas of the process exhaust of Source ID P108 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume at any time.

**# 002 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas of the process exhaust of Source ID P108 shall not exceed 500 parts per million, by volume, dry basis, at any time.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight);
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of

**SECTION D. Source Level Requirements**

generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

- (a) All records generated pursuant to Condition #003 shall be submitted to the Department on a semi-annual basis.
- (b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into a container as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.

**VII. ADDITIONAL REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

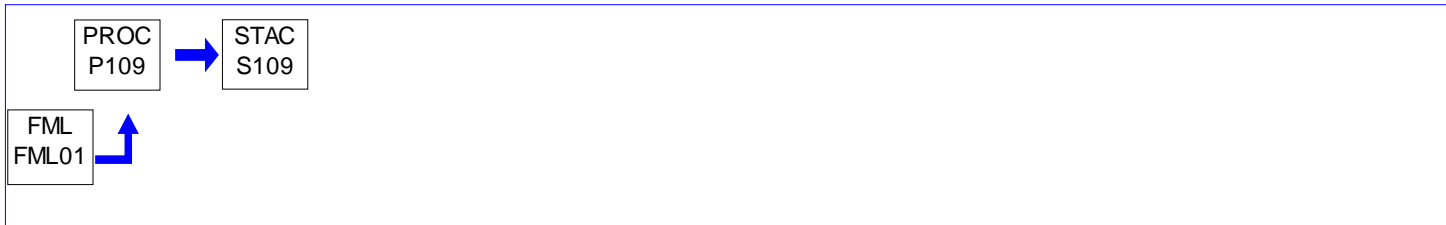
Source ID P108 is a 0.55 million Btu per hour natural gas-fired oven used for curing gaskets.

**SECTION D. Source Level Requirements**

Source ID: P109

Source Name: PART PAINTING OVEN

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

The concentration of particulate matter in the effluent gas of the process exhaust of Source ID P109 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume at any time.

**# 002 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides, express as SO<sub>2</sub>, in the effluent gas of the process exhaust of Source ID P1009 shall not exceed 500 parts per million, by volume, dry basis, at any time.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight);
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of

**SECTION D. Source Level Requirements**

generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

- (a) All records generated pursuant to Condition #003 shall be submitted to the Department on a semi-annual basis.
- (b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into a container as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.

**VII. ADDITIONAL REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

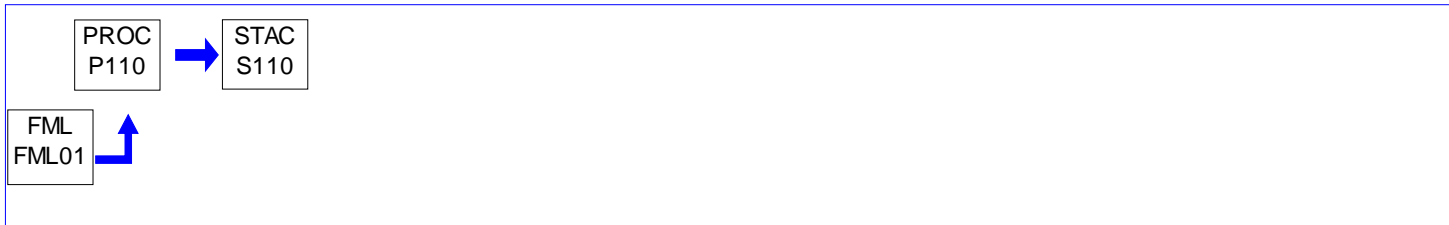
Source ID P109 is a 0.10 million Btu per hour natural gas-fired oven used for parts painting.

**SECTION D. Source Level Requirements**

Source ID: P110

Source Name: SILK SCREEN PRINTING AND OVEN

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID P110 associated with Source ID P110 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

**# 002 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas of the process exhaust of Source ID P110 shall not exceed 500 parts per million, by volume, dry basis, at any time.

**# 003 [25 Pa. Code §129.52]****Surface coating processes**

The volatile organic compound (VOC) content of each as applied coating used in Source ID P110 shall be equal to or less than the coatings standard of 5.06 pounds of VOC per gallon coating solids specified in Table I of Pa. Code Section 129.52. The VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo}) (\text{Dc}) / \text{Vn}$$

Where:

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC (Wv-Ww-Wex)

Wv = Weight percent of total volatiles (100%- weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal, at 25 degree C

Vn = Volume percent of solids of the as applied coating

**II. TESTING REQUIREMENTS.**

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



**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing coatings, coating additives, and cleaning solvents used in, or in association with, Source IDs P101, P102, P103, P104, P105, P106, P108, P109, and P110. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the density of each material in pounds per gallon, at 25°C;
- (5) the volatile organic compound content of each material as supplied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as supplied (% by weight);
- (7) the acetone content of each material as supplied (% by weight).

(b) If any coating is mixed on-site from multiple components or if an additive is added to a coating on-site prior to coating application, the identity of each component, additive or material which is mixed together must be recorded for each individual batch of coating mixed as well as the amount of each component, additive or material mixed together for each individual batch of coating mixed.

(c) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) All records generated pursuant to Condition #004 shall be submitted to the Department on a semi-annual basis.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous calendar year) and September 1 (for July 1 of the previous calendar year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Spray equipment, lines, et cetera shall be cleaned either by flushing a solid liquid stream of solvent into an appropriate recovery receptacle or by soaking equipment in closed containers of solvent. Under no circumstances shall solvent be flushed or sprayed into the air. Under no circumstances shall solvent be flushed into a container as an atomized spray. The use of solvent-laden rags to wipe down equipment is acceptable as long as the rags are stored in closed containers after use, until properly disposed of. Under no circumstances shall waste solvent or solvent-laden rags be treated in a manner that would intentionally promote the evaporative loss of solvent.

**VII. ADDITIONAL REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P110 is silk screen printing and oven.



**SECTION E. Source Group Restrictions.**



## **SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

The following air contaminant sources are considered to be insignificant emission sources and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (a) Grinding/Buffering operation, shall vent internally



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

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