



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

**STATE ONLY SYNTHETIC MINOR OPERATING PERMIT**

Issue Date: May 31, 2024

Effective Date: May 31, 2024

Expiration Date: May 30, 2029

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: 19-00020**

Synthetic Minor

Federal Tax Id - Plant Code: 38-1753729-1

**Owner Information**

Name: KAWNEER CO INC  
Mailing Address: 500 E 12TH ST  
BLOOMSBURG, PA 17815-3900

**Plant Information**

Plant: KAWNEER CO/BLOOMSBURG PLT  
Location: 19 Columbia County 19002 Bloomsburg Town  
SIC Code: 3442 Manufacturing - Metal Doors, Sash, And Trim

**Responsible Official**

Name: BRUCE SCHLICHTER  
Title: PLT MGR  
Phone: (570) 317 - 4257 Email: bruce.schlichter@arconic.com

**Permit Contact Person**

Name: ADAM M. SMITH  
Title: EHS MANAGER  
Phone: (570) 389 - 6315 Email: Adam.Smith@arconic.com

[Signature] \_\_\_\_\_  
MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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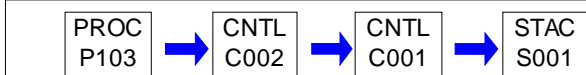
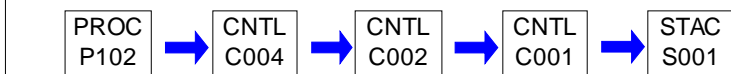
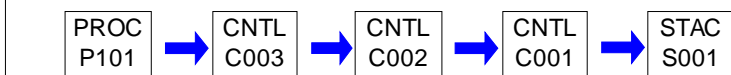
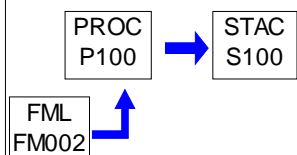
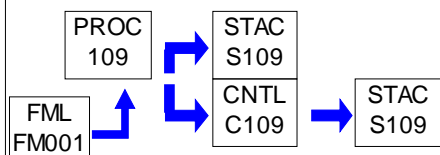
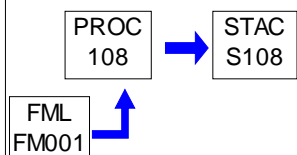
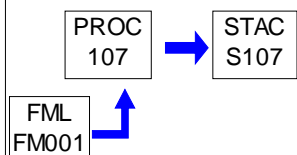
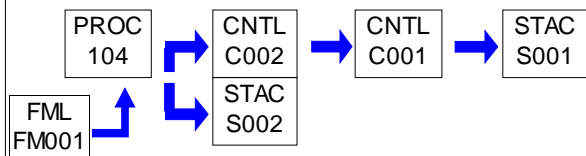
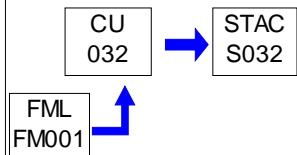
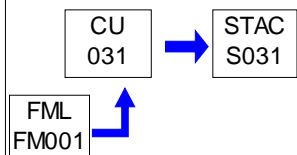
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	COMBUSTION UNITS (< 2.5 MMBTU/HR)		
032	COMBUSTION UNITS (3.0-10.0 MMBTU/HR)		
104	DRYING OVEN & COOL-DOWN CHAMBER		
107	THREE PRE-TREAT TANKS W/BURNERS		
108	LOG/BILLET PRE-HEAT FURNACE & AGING OVEN		
109	ANODIZING TANKS W/BURNERS		
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C003	PRIMER PAINT BOOTH FILTERS		
C004	TOP COAT BOOTH FILTERS		
C109	ACID ETCH TANK WET SCRUBBER		
C115	CYCLONE		
FM001	NATURAL GAS LINE		
FM002	PROPANE		
FM003	DIESEL FUEL TANKS		
S001	THERMAL OXIDIZER STACK		
S002	COOL-DOWN CHAMBER EXHAUST		
S031	COMBUSTION UNITS EXHAUSTS		
S032	COMBUSTION UNITS EXHAUSTS		
S100	GENERATOR EXHAUST		
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**PERMIT MAPS**

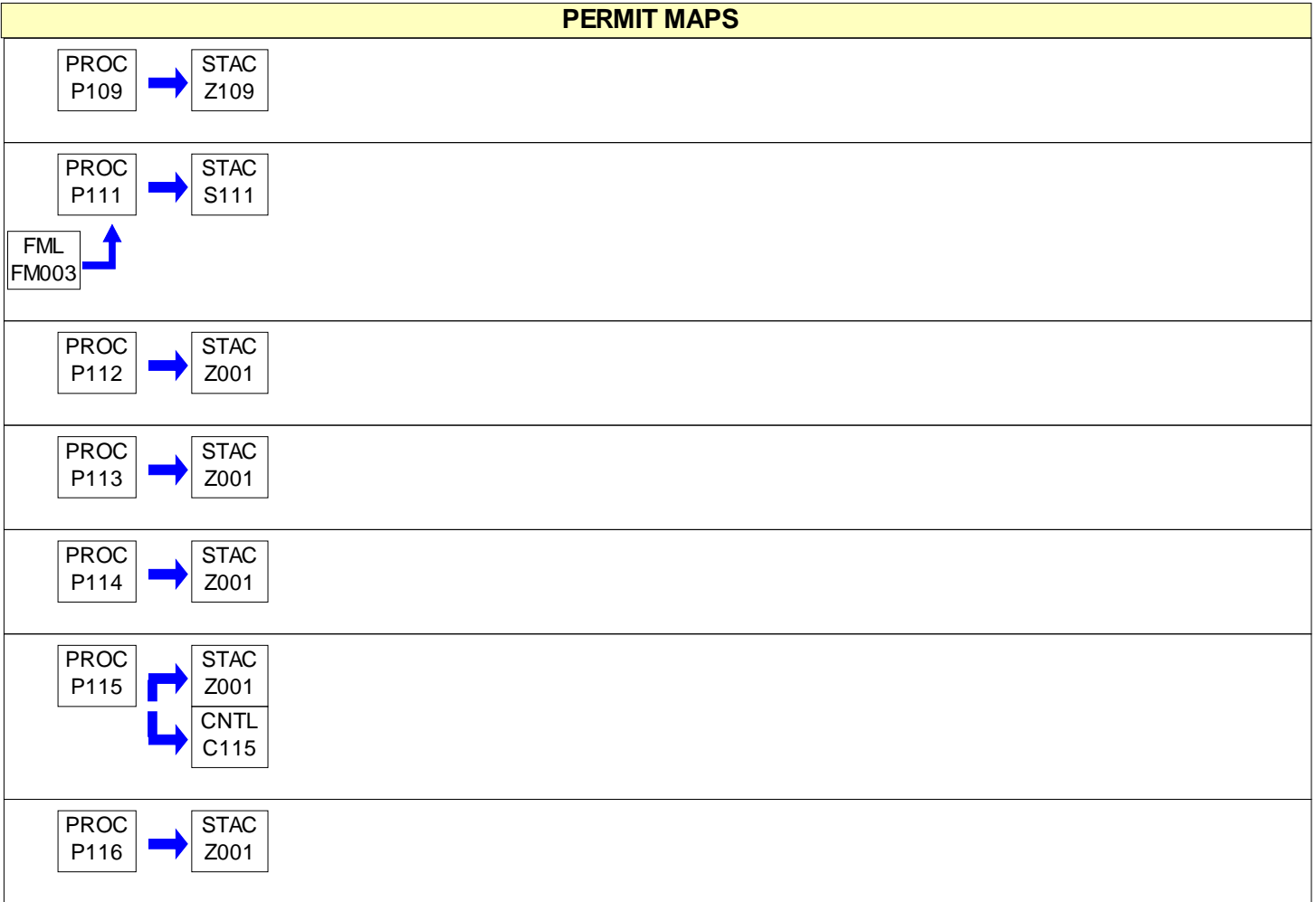


## PERMIT MAPS





**PERMIT MAPS**



**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 § 127.11]****Reactivation**

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) 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**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) in Condition #001 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 emission 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 person in observing the

**SECTION C. Site Level Requirements**

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).

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

[Additional authority for this operating permit condition is derived from the permittee requesting this Synthetic Minor restriction.]

The total combined emissions from all air contamination sources at the facility shall not at any time equal or exceed any of the following limitations:

- (1) 50 tons of volatile organic compounds in any 12 consecutive month period.
- (2) 10 tons of any single hazardous air pollutant in any 12 consecutive month period.
- (3) 25 tons of all hazardous air pollutants combined in any 12 consecutive month period.

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

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager (RA-EPNCstacktesting@pa.gov) and one electronic copy shall be sent to the PSIMS Administrator in Central Office (RA-EPstacktesting@pa.gov). The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) Within sixty (60) days of the completion of the stack tests required by this permit, an electronically submitted copy of the report in .pdf format shall be submitted to the Department. This report shall contain the results of the tests, a description of the testing and analytical procedures actually used in performance of the tests, all process and operating data collected during the tests, a copy of all raw data, and a copy of all calculations generated during data analysis.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

(e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.



**SECTION C. Site Level Requirements**

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code § § 139.53(a)(1) and 139.53(a)(3), one electronic copy of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager. In addition, one electronic copy shall be sent to the PSIMS Administrator in Central Office using the emails above when the file is 35 MB or less, or a flash drive when the file is over 35 MB.

(h) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

**# 007 [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 a 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.

**# 008 [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 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.**

**# 009 [25 Pa. Code §123.43]**  
**Measuring techniques**

Visible air contaminants may be measured using either of the following:

**SECTION C. Site Level Requirements**

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

(a) The permittee shall keep such records as are necessary to determine compliance with the air contaminant emission limitations specified herein and to provide accurate actual emissions calculations for the facility (including the sources identified in the Miscellaneous Section). The respective records shall include the following:

(1) the identity of each volatile organic compound-containing and/or volatile hazardous air pollutant-containing material used in the entire facility;

(2) the amount in gallons of each material used each month in the entire facility;

(3) the volatile organic compound content of each such material in pounds per gallon;

(4) the identity and content in pounds per gallon of each individual volatile hazardous air pollutant contained in each such material;

(5) the amount of volatile organic compounds and the amount of each individual hazardous air pollutant emitted from the entire facility during each month from the use of each individual material;

(6) the amount in gallons of each cleanup solvent used each month in the entire facility (If the permittee excludes or subtracts from the monthly usage total, any cleanup solvent that is contained in a mixture of solvent, and sludge, or solvent and any other material which is shipped off-site, records must also be maintained of the amount of cleanup solvent in each such shipment, the date of shipment, the cleanup solvent content of each drum or container shipped and a description of the analytical method used to determine the cleanup solvent content.); and

(7) an up-to-date Certified Product Data Sheet (CPDS) or Material Safety Data Sheet (MSDS) for each such material used in the entire facility.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All such records shall be retained on-site for a period of at least 5 years from the date of generation and shall be made available to the Department upon request.

**# 011 [25 Pa. Code §135.5]****Recordkeeping**

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. All such records shall be retained for at least 5 years and shall be made available to the Department upon request.

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11177]****SUBPART HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources****What records must I keep?**

For all of the mixing rooms and equipment; spray booths, ventilated prep stations, curing ovens, and associated equipment; spray guns and associated equipment; spray gun cleaning equipment; and equipment used for storage, handling, recovery, or recycling of cleaning solvent waste or paint at the facility, the permittee shall comply with the applicable recordkeeping requirements specified in 40 CFR Section 63.11177.

**SECTION C. Site Level Requirements****# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11178]****SUBPART HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources****In what form and for how long must I keep my records?**

For all of the mixing rooms and equipment; spray booths, ventilated prep stations, curing ovens, and associated equipment; spray guns and associated equipment; spray gun cleaning equipment; and equipment used for storage, handling, recovery, or recycling of cleaning solvent waste or paint at the facility, the permittee shall comply with the applicable recordkeeping requirements specified in 40 CFR Section 63.11178.

**V. REPORTING REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions 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. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

1. name, permit or authorization number, and location of the facility,
2. nature and cause of the malfunction, emergency or incident,
3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

**# 015 [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.

**SECTION C. Site Level Requirements****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit semi-annual reports that include the supporting calculations utilized to verify compliance with the volatile organic compound and hazardous air pollutant emission limitations for all sources at the facility and include the actual emissions from the sources identified in the Miscellaneous Section of this permit.

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

**# 017 [25 Pa. Code §135.3]****Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) report, shall submit by March 1 of each year an AIMS emissions report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that an annual AIMS emissions report is necessary shall submit an initial annual AIMS emissions report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

(c) The permittee may request an extension of time from the Department for the filing of an annual AIMS emissions report, and the Department may grant the extension for reasonable cause.

**# 018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications, submittals and other communications required by any federal subpart identified in this permit shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3\_Air\_Apps\_and\_Notices@epa.gov

And

United States Environmental Protection Agency  
Region III, Air and Radiation Division  
Permits Branch (3AD10)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, Pennsylvania 19103-2852

And

The Pennsylvania Department of Environmental Protection  
Air Quality Program Manager  
208 W. Third Street, Suite 101  
Williamsport, PA 17701-6448

**# 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11175]****SUBPART HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources****What notifications must I submit?**

**SECTION C. Site Level Requirements**

For all of the mixing rooms and equipment; spray booths, ventilated prep stations, curing ovens, and associated equipment; spray guns and associated equipment; spray gun cleaning equipment; and equipment used for storage, handling, recovery, or recycling of cleaning solvent waste or paint at the facility, the permittee shall comply with the applicable notification requirements specified in 40 CFR Sections 63.11175(a) and (b).

**# 020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11176]****SUBPART HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources****What reports must I submit?**

For all of the mixing rooms and equipment; spray booths, ventilated prep stations, curing ovens, and associated equipment; spray guns and associated equipment; spray gun cleaning equipment; and equipment used for storage, handling, recovery, or recycling of cleaning solvent waste or paint at the facility, the permittee shall comply with the applicable reporting requirements specified in 40 CFR Section 63.11176(a).

**VI. WORK PRACTICE REQUIREMENTS.****# 021 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.
- (2) Application of asphalt, oil, 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) 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.

**# 022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11173]****SUBPART HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources****What are my general requirements for complying with this subpart?**

For all of the mixing rooms and equipment; spray booths, ventilated prep stations, curing ovens, and associated equipment; spray guns and associated equipment; spray gun cleaning equipment; and equipment used for storage, handling, recovery, or recycling of cleaning solvent waste or paint at the facility, the permittee shall comply with the applicable general requirements specified in 40 CFR Sections 63.11173(e), (f), and (g).

**VII. ADDITIONAL REQUIREMENTS.****# 023 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

**# 024 [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.

**SECTION C. Site Level Requirements****# 025 [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 §129.14.

**# 026 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11169]****SUBPART HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources****What is the purpose of this subpart?**

All of the mixing rooms and equipment; spray booths, ventilated prep stations, curing ovens, and associated equipment; spray guns and associated equipment; spray gun cleaning equipment; and equipment used for storage, handling, recovery, or recycling of cleaning solvent waste or paint at the facility are subject to Subpart HHHHHH of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.11169 through 63.11180 (National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources). The permittee shall comply with all applicable requirements specified in this Subpart.

**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.**

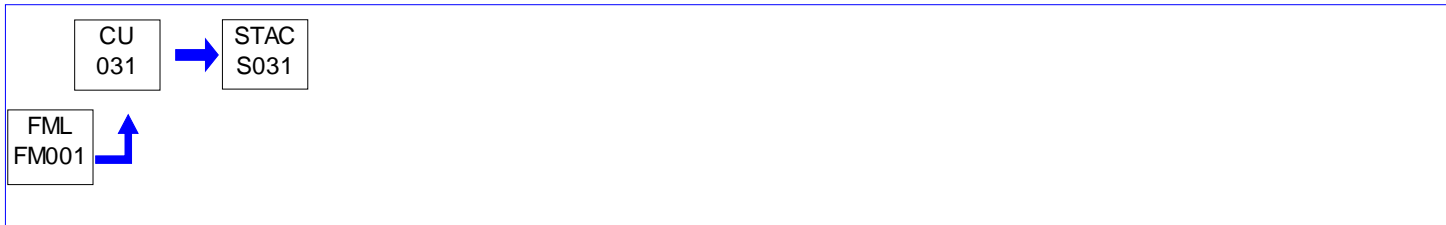
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: COMBUSTION UNITS (&lt; 2.5 MMBTU/HR)

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

None of the combustion units incorporated in Source 031 shall emit sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each combustion unit incorporated in Source 031 shall be fired on natural gas only.

**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.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source 031 consists of the following:

- (1) one 0.40 million Btu per hour Dayton model 4E462 natural gas-fired heater located in the paint area.
- (2) thirty-six 0.20 million Btu per hour Beacon Morris model TBUF-BT200A1NS111 vented natural gas-fired space heaters.
- (3) one 0.075 million Btu per hour Beacon Morris model TBUG-BR075A1NS111 vented low-profile tubular natural gas-fired space heater.
- (4) one 0.40 million Btu per hour (unknown manufacturer) model 4XL68 tubular natural gas-fired space heater.
- (5) seventeen 0.030 million Btu per hour Dayton model 3E134B natural gas-fired infrared space heaters.

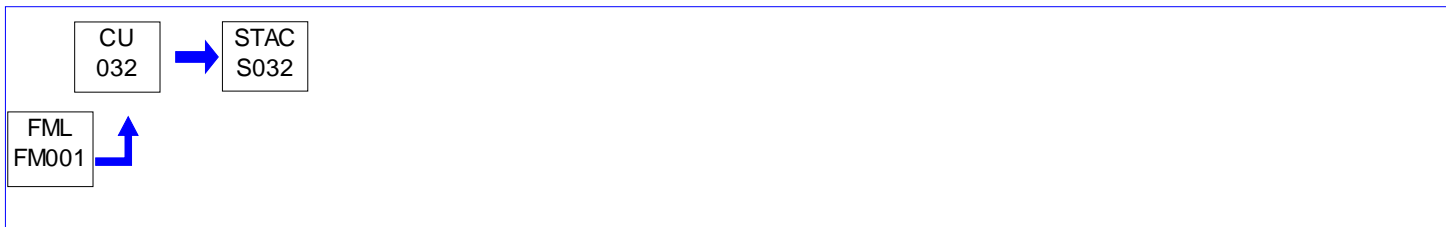


**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: COMBUSTION UNITS (3.0-10.0 MMBTU/HR)

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

No person may permit the emission into the outdoor atmosphere of particulate matter from any combustion unit incorporated in Source 032 in excess of the rate of 0.4 pounds per million Btu of heat input.

# 002 [25 Pa. Code §123.22]

**Combustion units**

None of the combustion units incorporated in Source 032 shall emit sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each combustion unit incorporated in Source 032 shall be fired on natural gas only.

**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.**

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

**V. REPORTING REQUIREMENTS.**

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

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

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source 032 consists of the following:

- (1) one 3.0 million Btu per hour Hastings model SBD227 air make-up unit located in the paint area.
- (2) one 3.6 million Btu per hour Control Air model CF5225 air make-up unit located in the press area.
- (3) one 5.0 million Btu per hour Hartzell model G501 air make-up unit located in the shipping area.
- (4) two 5.0 million Btu per hour Hartzell model G501 air make-up units located in the anodizing area.
- (5) one 7.0 million Btu per hour Control Air model CF6236V air make-up unit located in the anodizing area.

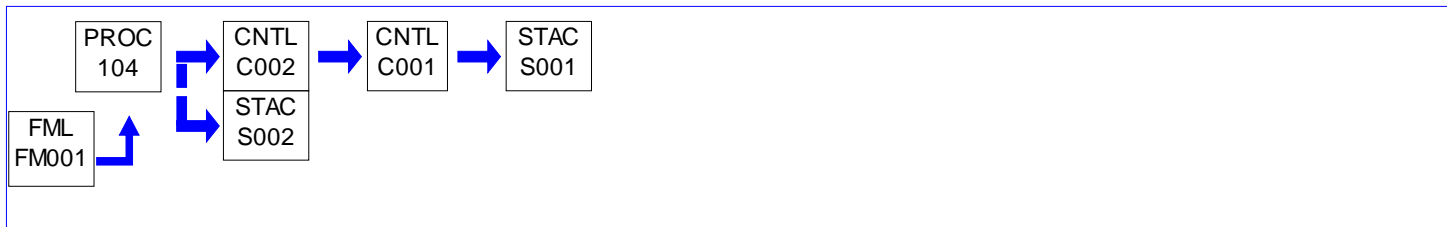
**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: DRYING OVEN &amp; COOL-DOWN CHAMBER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 2

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

The concentration of particulate matter in the effluent gases of the cool-down chamber incorporated in Source 104 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

**Fuel Restriction(s).****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The drying oven incorporated in Source 104 shall be fired on natural gas only.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

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

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

**SECTION D. Source Level Requirements**

Determination dated July 19, 2016]

The entrance to the drying oven and the drying oven incorporated in Source 104 shall be equipped with localized fume capture systems ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§127.1 and 127.12 and the Request for Determination dated July 19, 2016]

The exhaust stream from the cool-down chamber of Source 104 shall at all times be balanced with the cool-down chamber makeup air stream such that there is no flow of room air into the cool-down chamber of Source 104.

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

Source 104 is a 4.0 MMBtu/hr (Zone 1: 2.0 MMBtu/hr and Zone 2: 2.0 MMBtu/hr) natural gas-fired drying oven and cool-down chamber. The drying oven and cool-down chamber are also known as a bake oven and cool-down zone, respectively.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§127.1 and 127.12 and the Request for Determination dated July 19, 2016]

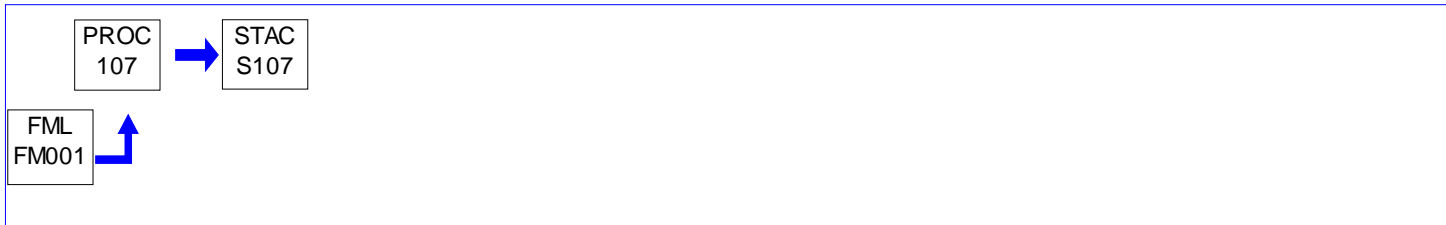
The air contaminant emissions from the drying oven incorporated in Source P104 shall be controlled by a filter room containing inclined particle filters (Control Device C002) and Control Device C001 (two-module ABB Air Preheater Co. model 2-16.7R95NGI Combu-Changer electrically-heated regenerative thermal oxidizer equipped with two 3.0 million Btu per hour natural gas-fired burners). All exhaust gases from the drying oven incorporated in Source 104 shall be ducted to Control Device C002. In addition, all gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: THREE PRE-TREAT TANKS W/BURNERS

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the effluent gases of each burner incorporated in Source 107 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the effluent gases of each burner incorporated in Source 107 shall not exceed 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each burner incorporated in Source 107 shall be fired on natural gas only.

**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.**

# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11509]

**Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my notification, reporting, and recordkeeping requirements?**

For the 4000-gallon aboveground chromium solution process tank incorporated into Source ID 107, the permittee shall comply with the applicable notification, recordkeeping, and reporting requirements specified in 40 CFR Sections 63.11509(a), (b), (c)(6), (c)(7), (d), (e), and (f).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11509]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my notification, reporting, and recordkeeping requirements?**

For the 4000-gallon aboveground chromium solution process tank incorporated into Source ID 107, the permittee shall comply with the applicable notification, recordkeeping, and reporting requirements specified in 40 CFR Sections 63.11509(a), (b), (c)(6), (c)(7), (d), (e), and (f).

**VI. WORK PRACTICE REQUIREMENTS.****# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my standards and management practices?**

For the 4000-gallon aboveground chromium solution process tank incorporated into Source ID 107, the permittee shall comply with the applicable standards and management practices specified in 40 CFR Section 63.11507(g).

**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11508]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my compliance requirements?**

For the 4000-gallon aboveground chromium solution process tank incorporated into Source ID 107, the permittee shall comply with the applicable compliance requirements specified in 40 CFR Sections 63.11508(a), (b), (d)(1), (d)(2), and (d)(8).

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

Source 107 consists of the following:

- (1) one 4000-gallon aboveground alkaline cleaner process tank (vat) equipped with a 0.5 million Btu per hour natural gas-fired Eclipse model IP23005N2BEVX5X313 burner.
- (2) one 4000-gallon aboveground chromium solution process tank (vat) equipped with a 0.5 million Btu per hour natural gas-fired model IP23005N2BEVX5X313 burner.
- (3) one 4000-gallon aboveground rinse water process tank equipped with a 0.5 million Btu per hour natural gas-fired model IP23005N2BEVX5X313 burner.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11504]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****Am I subject to this subpart?**

The 4000-gallon aboveground chromium solution process tank incorporated into Source ID 107 is subject to Subpart WWWW of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.11504 through 63.11513 (National Emission Standards for Hazardous Air Pollutants Area Sources Plating and Polishing Operations). The permittee shall comply with all applicable requirements specified in this Subpart.

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: LOG/BILLET PRE-HEAT FURNACE &amp; AGING OVEN

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the effluent gases of the furnace and oven incorporated in Source 108 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the effluent gases of the furnace and oven incorporated in Source 108 shall not exceed 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The furnace and oven incorporated in Source 108 shall be fired on natural gas only.

**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.**

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

**V. REPORTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

All aluminum logs/billets placed into the Belco oven shall be clean and dry.

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

Source 108 consists of the following:

- (1) one 4.67 million Btu per hour Belco aluminum log/billet pre-heat furnace, also known as an extrusion heating furnace.
- (2) one 5.0 million Btu per hour age oven with three temperature zones (two zones each having 2.0 MMBtu/hr burners and one zone having a 1.0 MMBtu/hr burner).



**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: ANODIZING TANKS W/BURNERS

Source Capacity/Throughput:

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

The concentration of particulate matter in the effluent gases of the burners incorporated in Source 109 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

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

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the effluent gases of the burners incorporated in Source 109 shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from the Request for Determination dated December 2, 2022 (eRFD 10003)]

The total hazardous air pollutant emissions from the acid etch tank operation, listed as #4 in this permit, shall not exceed 0.5 tons in any 12 consecutive month period. The total ammonia emissions from the acid etch tank operation shall not exceed 3.38 tons in any 12 consecutive month period.

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

Each burner incorporated in Source 109 shall be fired on natural gas only.

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

[Additional authority for this permit condition is derived from the Request for Determination dated January 16, 2015]

The scrubber Control Device C109 shall be equipped with an operable solution flow-rate monitor and alarm system used to

**SECTION D. Source Level Requirements**

indicate to the operator improper solution flow rate.

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

[Additional authority for this permit condition is derived from the Request for Determination dated January 16, 2015]

The scrubber Control Device C109 shall be equipped with an operable pressure differential monitor and alarm system, designed to go off at 0.2 inches or less of water or 1.5 inches or greater of water, to indicate to the operator improper pressure differential.

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

[Additional authority for this permit condition is derived from the Request for Determination dated January 16, 2015]

The permittee shall keep accurate up-to-date MSDSs of all materials (except for water) used in the acid etch process authorized in the Request For Determination.

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

[Additional authority for this permit condition is derived from the Request for Determination dated January 16, 2015]

(a) The permittee shall keep comprehensive and accurate records of the total hazardous air pollutant and ammonia emissions each month from the etch tank listed as #4 in this permit.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All such records shall be retained for at least five years and shall be made available to the Department of Environmental Protection upon request.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11509]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my notification, reporting, and recordkeeping requirements?**

For the two 7500-gallon aboveground mid-temp-seal process tanks incorporated into Source ID 109, the permittee shall comply with the applicable notification, recordkeeping, and reporting requirements specified in 40 CFR Sections 63.11509(a), (b), (c)(6), (c)(7), (d), (e), and (f).

**V. REPORTING REQUIREMENTS.****# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11509]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my notification, reporting, and recordkeeping requirements?**

For the two 7500-gallon aboveground mid-temp-seal process tanks incorporated into Source ID 109, the permittee shall comply with the applicable notification, recordkeeping, and reporting requirements specified in 40 CFR Sections 63.11509(a), (b), (c)(6), (c)(7), (d), (e), and (f).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the Request for Determination dated January 16, 2015]

The permittee shall operate the scrubber Control Device C109 according to the manufacturer's recommend procedures to ensure it operates as proposed in the Request For Determination.

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my standards and management practices?**

For the two 7500-gallon aboveground mid-temp-seal process tanks incorporated into Source ID 109, the permittee shall comply with the applicable standards and management practices specified in 40 CFR Section 63.11507(g).

**# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11508]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my compliance requirements?**

For the two 7500-gallon aboveground mid-temp-seal process tanks incorporated into Source ID 109, the permittee shall comply with the applicable compliance requirements specified in 40 CFR Sections 63.11508(a), (b), (d)(1), (d)(2), and (d)(8).

**VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source 109 consists of the following tanks:

- (1) one 7,500-gallon aboveground cleaning solution process tank (vat) equipped with a 1.0 million Btu per hour natural gas-fired Eclipse model IP23X006N2BEV414 burner.
- (2) one 7,500-gallon aboveground hot rinse process tank (vat) equipped with a 1.0 million Btu per hour natural gas-fired Eclipse model IP23X006N2BEV414 burner.
- (3) one 7,500-gallon aboveground etch solution storage tank (vat) equipped with a 1.0 million Btu per hour natural gas-fired Eclipse model IP23X006N2BEV414 burner.
- (4) one 7,500-gallon aboveground etch solution storage tank (vat) equipped with a 1.36 million Btu per hour natural gas-fired Rite Engineering & Mfg Corp Power model 135WG burner. Emissions are controlled by a 28,000 cfm Viron Vir-Ti-Cal model VVS-108-PVC-28-60-S-2-G-460-3-60 vertical wet scrubber (Control Device C109).
- (5) two 7,500-gallon aboveground mid-temp-seal process tanks (vats) each of which is equipped with a 1.0 million Btu per hour natural gas-fired Eclipse model IP23X006N2BEV414 burner.

**# 015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11504]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****Am I subject to this subpart?**

The two 7500-gallon aboveground mid-temp-seal process tanks incorporated into Source ID 109 are subject to Subpart WWWW of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.11504 through 63.11513 (National Emission Standards for Hazardous Air Pollutants Area Sources Plating and Polishing Operations). The permittee shall comply with all applicable requirements specified in this Subpart.

**SECTION D. Source Level Requirements**

Source ID: P100

Source Name: PROPANE-FIRED GENERATOR

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the effluent gases of Source P100 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the effluent gases of Source P100 shall not exceed 500 parts per million, by volume, dry basis.

# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4233]

**Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What emission standards must I meet if I am an owner or operator of a stationary SI internal combustion engine?**

The engine incorporated into Source ID P100 shall comply with the applicable emission limitations specified in 40 CFR Section 60.4233(a).

**Fuel Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source P100 shall be fired on propane only.

**Operation Hours Restriction(s).**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The emergency generator incorporated in Source ID P100 shall not be operated more than 100 hours in any 12 consecutive month period. This restriction applies only to non-emergency operation.

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

(a) The permittee shall keep comprehensive and accurate records of the number of hours per month that Source ID P100 operated using a non-resettable hour meter.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All records generated pursuant to this condition shall be retained for a minimum of five years and shall be made available to the Department upon request.

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4245]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary SI internal combustion engine?**

The permittee shall comply with the applicable recordkeeping requirements specified in 40 CFR Section 60.4245(a).

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

(a) The permittee shall submit semiannual reports to the Department. At a minimum, these reports shall include the following:

(1) the number of hours Source ID P100 operated each month.

(b) The semiannual reports shall be submitted to the Department by no later than September 1 (for the immediately preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

**VI. WORK PRACTICE REQUIREMENTS.****# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4243]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary SI internal combustion engine?**

The permittee shall comply with the applicable compliance requirements specified in 40 CFR Section 60.4243.

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

The engine incorporated in Source ID P100 shall be equipped with a non-resettable hour meter.

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

Source P100 is an 18.8 brake-horsepower Kohler model 14RES propane-fired generator.

**SECTION D. Source Level Requirements****# 012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4230]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****Am I subject to this subpart?**

Source ID P100 is subject to Subpart JJJJ of the Standards of Performance for New Stationary Sources, 40 CFR 60.4230 through 60.4248 (Standards of Performance for Stationary Spark Ignition Internal Combustion Engines). The permittee shall comply with all applicable requirements specified in this Subpart.

**# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

Source ID P100 is subject to Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.6580 through 63.6675 (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). The permittee shall comply with all applicable requirements specified in this Subpart.

**SECTION D. Source Level Requirements**

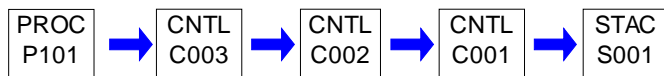
Source ID: P101

Source Name: PRIMER PAINT BOOTHS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 1

2

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P101 shall be equipped with a localized fume capture system ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

Source P101 consists of two conveyORIZED primer paint spray booths and the associated flashoff area.

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

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

**SECTION D. Source Level Requirements**

The air contaminant emissions from Source P101 shall be controlled by spray booth filters and filter bags (Control Device C003), a filter room containing inclined particle filters (Control Device C002) and a thermal oxidizer (Control Device C001). The exhaust of each spray booth incorporated in Source P101 shall be filtered by Control Device C003 before being ducted to Control Device C002. All gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

Source P101 and all coating materials applied in this source shall meet all applicable requirements set forth in 25 Pa. Code §129.52.



**SECTION D. Source Level Requirements**

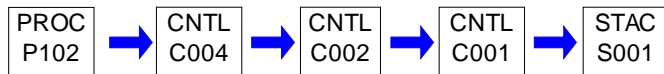
Source ID: P102

Source Name: TOP COAT PAINT BOOTHS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 1

2

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P102 shall be equipped with a localized fume capture system ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

Source P102 consists of two conveyORIZED topcoat spray booths, the associated flashoff area, and Rinse Tank RT48.

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

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

**SECTION D. Source Level Requirements**

The air contaminant emissions from Source P102 shall be controlled by spray booth filters and filter bags (Control Device C004), a filter room containing inclined particle filters (Control Device C002) and a thermal oxidizer (Control Device C001). The exhaust of each spray booth incorporated in Source P102 shall be filtered by Control Device C004 before being ducted to the Control Device C002. All gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

Source P102 and all coating materials applied in this source shall meet all applicable requirements set forth in 25 Pa. Code §129.52.

**SECTION D. Source Level Requirements**

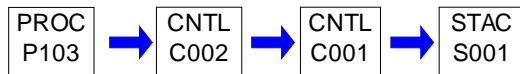
Source ID: P103

Source Name: PAINT MIXING &amp; THINNING OPERATION

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 1

2

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The paint mix room incorporated in Source P103 shall be equipped with a localized fume capture system ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

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

The paint mix room incorporated in Source P103 shall not be ventilated in any way other than to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P103 is a paint mixing & thinning operation and consists of a paint mix room, a mix room sample spray booth, a Graymills Flp-Bac parts cleaner, and a JPW Design and Manufacturing model BT222SUL220V6KWSR electric oven.

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

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

The air contaminant emissions from Source P103 shall be controlled by a filter room containing inclined particle filters (Control Device C002) and a thermal oxidizer (Control Device C001). All gases from Source P103 shall be ducted to Control Device C002. All gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

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

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

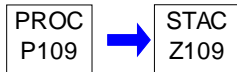
Source P103 and all coating materials applied in this source shall meet all applicable requirements set forth in 25 Pa. Code §129.52.

**SECTION D. Source Level Requirements**

Source ID: P109

Source Name: WATER TREATMENT TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**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.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P109 consists of the following:

(a) Water Treatment Facility located in main building near the anodizing tank area.

- (1) one 2,000-gallon aboveground sulfuric acid (approx. 15% concentration) storage tank.
- (2) one 2,000-gallon aboveground caustic (approx. 20% to 30% concentration sodium hydroxide) storage tank.
- (3) one 5,600-gallon aboveground sludge thickener tank.
- (4) one 1,000-gallon aboveground treated water storage tank.

(b) Wastewater Treatment Facility #1 located in the main building.

- (1) one 10,000-gallon aboveground industrial wastewater equalization tank.
- (2) one 10,000-gallon aboveground industrial wastewater surge tank.

**SECTION D. Source Level Requirements**

- (3) one 10,000-gallon aboveground treated wastewater storage tank.
- (c) Wastewater Treatment Facility #2 located in the main building near the pre-treat tanks.
- (1) one 6,000-gallon aboveground pre-treat liquids storage tank.
  - (2) one DMP treatment unit.
  - (3) one 6,000-gallon in-ground pre-treat liquids storage tank.

**SECTION D. Source Level Requirements**

Source ID: P111

Source Name: DIESEL-FIRED ENGINES

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the exhaust of each engine incorporated in Source ID P111 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the exhaust from each engine incorporated in Source ID P111 shall not exceed 500 parts per million, by volume, dry basis.

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The total combined nitrogen oxide (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from the 174 brake-horsepower engines incorporated in Source ID P111 shall not exceed 100 pounds per hour, 1,000 pounds per day, 2.75 tons per ozone season (May 1 through September 30) and 6.6 tons in any 12 consecutive month period.

# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]

**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

The engines incorporated into Source ID P111 shall comply with the applicable emission limitations specified in 40 CFR Section 60.4205(b).

**Fuel Restriction(s).**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The engines incorporated in Source ID P111 shall be fired on diesel fuel only to which no reclaimed/reprocessed oil, waste oil or other waste materials have been added.

# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]

**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

The permittee shall comply with the applicable fuel requirements specified in 40 CFR Section 60.4207(b).

**Operation Hours Restriction(s).**

# 007 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each engine incorporated in Source ID P111 shall not be operated more than 100 hours in any 12 consecutive month period. This restriction applies only to non-emergency operation.

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

(a) The permittee shall keep records of the following information:

(1) Hours of operation for each engine on a monthly basis using a non-resettable hour meter.

(2) The emission of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) from each engine to verify compliance with the emission limitations.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All records generated pursuant to this condition shall be kept for a minimum of five years and shall be made available to the Department upon request.

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

(a) The permittee shall submit semiannual reports to the Department. At a minimum, these reports shall include the following:

(1) the number of hours each engine incorporated in Source ID P111 operated each month.

(b) The semiannual reports shall be submitted to the Department by no later than September 1 (for the immediately preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

**VI. WORK PRACTICE REQUIREMENTS.****# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall comply with the applicable compliance requirements specified in 40 CFR Section 60.4211(a).

**# 011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall comply with the applicable operational requirements specified in 40 CFR Section 60.4211(f).



**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P111 consists of three diesel-fired engines:

(a) Two 174 brake-horsepower hour Caterpillar (made by Perkins) model C6.6 ACERT, diesel-fired water pumps.

(b) One 51 brake-horsepower hour, Generac Power Systems Model A2400T-Gen diesel-fired emergency generator.

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

Each engine incorporated in Source ID P111 shall be equipped with a non-resettable hour meter.

**# 014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

The engines incorporated into Source ID P111 are subject to Subpart IIII of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.4200 through 60.4219 (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines). The permittee shall comply with all applicable requirements specified in this Subpart.

**# 015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

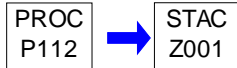
The engines incorporated into Source ID P111 are subject to Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.6580 through 63.6675 (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). The permittee shall comply with all applicable requirements specified in this Subpart.

**SECTION D. Source Level Requirements**

Source ID: P112

Source Name: SOLVENT RECOVERY SYSTEM

Source Capacity/Throughput:

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

The total combined volatile organic compound and volatile hazardous air pollutant emissions from the solvent recycling system incorporated in Source ID P112 shall not exceed 2.7 tons and 1.0 tons in any 12 consecutive month period, respectively.

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

(a) The permittee shall keep records of the following information:

(1) The amount of solvent utilized in the solvent recovery system on a monthly basis

(2) The emission of volatile organic compounds and volatile hazardous air pollutants from the solvent recovery system on a monthly basis.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All records generated pursuant to this condition shall be maintained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

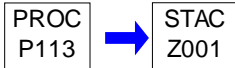
Source ID P112 consists of one Finish Thompson, Inc. model LS55E solvent recycler.

**SECTION D. Source Level Requirements**

Source ID: P113

Source Name: POWDER COATING SPRAY BOOTH

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from the Request for Determination authorized on December 15, 2021]

The total amount of hazardous air pollutants emitted into the outdoor atmosphere from the use of HAP-containing powder paint in Source P113 shall not exceed 0.0065 tons (13.0 pounds) in any 12 consecutive month period.

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

(a) The permittee shall keep comprehensive and accurate records of the following information for Source P113:

(1) The amount of each coating used in Source ID P113 each month.

(2) The amount of each HAP-containing powder paint used in Source P113 each month.

(3) The HAP content of each powder paint used in Source P113 using up to date material safety data sheets (MSDSs) or certified product data sheets (CPDSs).

(4) The HAP emissions each month from the use of this source, including the supporting calculations used to calculate the HAP emissions to demonstrate compliance with the emission limitation.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All records generated pursuant to this condition shall be retained for a minimum of five years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit semi-annual reports which include the supporting calculations utilized to verify compliance with the hazardous air pollutant emission limitation for this source.

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

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the Request for Determination authorized on December 15, 2021]

The permittee shall not operate Source ID P113 without the simultaneous operation of the booth's filtration system.

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

[Additional authority for this permit condition is derived from the Request for Determination authorized on December 15, 2021]

The permittee shall operate and maintain Source ID P113 in accordance with the manufacturer's recommendations and with good operating practices to minimize air contaminant emissions.

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

[Additional authority for this permit condition is derived from the Request for Determination authorized on December 20, 2011]

No volatile-organic-compound-containing coatings shall be applied through Source ID P113 at any time.

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

[Additional authority for this permit condition is derived from the Request for Determination authorized on December 20, 2011]

The exhaust of Source ID P113 shall be vented internally at all times.

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

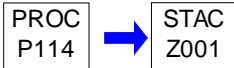
Source ID P113 is a Nordson Excel 3000 Series Powder Coating System.

**SECTION D. Source Level Requirements**

Source ID: P114

Source Name: FLUSHLINE DOOR LINE

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the Request for Determination dated July 7, 2015]

The total volatile organic compound emissions and hazardous air pollutant emissions from the Flushline Door operation shall not exceed 0.4 pounds and 0.4 pounds in any 12 consecutive month period, respectively.

**Throughput Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the Request for Determination dated July 7, 2015]

The total number of pounds of Preferred Foam Products A-Side DP-BP used in the Flushline Door operation in any 12 consecutive month period shall not exceed 378,432 pounds.

**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 keep comprehensive and accurate records of the following:

(1) total volatile organic compound emissions and hazardous air pollutant emissions from the Flushline Door operation to demonstrate compliance with the annual emission limitations established above.

(2) total number of pounds of Preferred Foam Products A-Side DP-BP used in the Flushline Door operation each month to demonstrate compliance with the annual throughput limitation established above.

(3) up-to-date MSDSs of all materials (except for water) used in the polyurethane foam making process in the Flushline Door operation.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All such records shall be retained for at least five years and shall be made available to the Department of Environmental

**SECTION D. Source Level Requirements**

Protection upon request.

(d) The calculations of total volatile organic compound emissions and hazardous air pollutant emissions from the Flushline Door operation shall be included with the existing recordkeeping and reporting requirements.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the Request for Determination dated July 7, 2015 and the 2023 renewal application]

The only chemicals to be used in the polyurethane foam making process in the Flushline Door operation (except nitrogen and water) are to be Preferred Foam Products A-Side DP-BP and Preferred Foam Products NCFI 23-008 R (or alternate chemicals having an equivalent, or lower, air contaminant emission potential, as determined by the Department). Preferred Foam Products 23-024 R is an acceptable material to be used in this source due to its lower air contaminant emission potential.

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

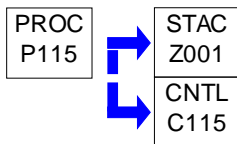
Source P114 is a Flushline Door operation.

**SECTION D. Source Level Requirements**

Source ID: P115

Source Name: POUR &amp; DEBRIDGE PROCESS

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from exemption criteria in the September 21, 1996 edition of the Pennsylvania Bulletin, Category #29]

(a) The total volatile organic compound emissions from Source ID P115 shall not exceed 1.64 tons in any 12 consecutive month period.

(b) The hazardous air pollutant emissions from Source ID P115 shall not exceed 1.0 tons for any single HAP and 1.29 tons for any combination of HAPs in any 12 consecutive month period, respectively.

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

(a) The permittee shall keep accurate and comprehensive records of the following information:

(1) The quantity of Azon 13-302A Component Part A, Azon Universal No-Tape™ 303-12T (Part B), and BASF Propylene carbonate S® each month.

(2) Accurate up-to-date MSDSs of all materials used in Source ID P115.

(3) The emissions calculations, on a monthly basis, to demonstrate compliance with the volatile organic compounds and hazardous air pollutants emissions limitations.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All records generated pursuant to this condition shall be maintained for a minimum of five (5) years and shall be made available to the Department upon request.



**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit semi-annual reports which include the supporting calculations utilized to verify compliance with the volatile organic compounds and hazardous air pollutant emission limitations for this source.

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

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The only chemicals to be used in Source ID P115 are to be Azon 13-302A Component Part A, Azon Universal No-Tape™ 303-12T (Part B), and BASF Propylene carbonate S® (or alternate chemicals having an equivalent, or lower, air contaminant emission potential, as determined by the Department).

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

(a) The cyclone associated with this operation shall be exhausted indoors at all times.

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

(a) Source ID P115 consists of the Pour and Debridge process.

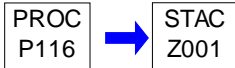
(b) The particulate matter generated by this process shall be controlled by the cyclone, which exhausts indoors at all times. The cyclone shall control the particulate matter from this process at any time the particulate matter is being generated in this source.

**SECTION D. Source Level Requirements**

Source ID: P116

Source Name: INSULPOUR PROCESS

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from exemption criteria in effect August 8, 2018, Category #31]

(a) The total volatile organic compound emissions from Source ID P116 shall not exceed 2.7 tons in any 12 consecutive month period.

(b) The hazardous air pollutant emissions from Source ID P116 shall not exceed 0.48 tons in any 12 consecutive month period, respectively.

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

(a) The permittee shall keep accurate and comprehensive records of the following information:

(1) The quantity of Azon 13-302A Component Part A, Azon SU 207-12T (Part B), and Azo-Purge MP2™ each month.

(2) Accurate up-to-date MSDSs of all materials used in Source ID P116.

(3) The emissions calculations, on a monthly basis, to demonstrate compliance with the volatile organic compounds and hazardous air pollutants emissions limitations.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All records generated pursuant to this condition shall be maintained for a minimum of five (5) years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit semi-annual reports which include the supporting calculations utilized to verify compliance with the volatile organic compounds and hazardous air pollutant emission limitations for this source.

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

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The only chemicals to be used in Source ID P116 are to be Azon 13-302A Component Part A, Azon SU 207-12T (Part B), and Azo-Purge MP2TM (or alternate chemicals having an equivalent, or lower, air contaminant emission potential, as determined by the Department).

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

(a) The flush container shall be emptied into a drum at the end of each work day. The lid on the drum shall be closed at all times, except when flush is being deposited into it.

(b) The permittee is allowed to deposit flush into the drum throughout the day.

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

Source ID P116 consists of the Insulpour process.

**SECTION E. Source Group Restrictions.**

Group Name: 1

Group Description: Surface Coating Operation

**Sources included in this group**

ID	Name
P101	PRIMER PAINT BOOTHS
P102	TOP COAT PAINT BOOTHS
P103	PAINT MIXING & THINNING OPERATION

**I. RESTRICTIONS.**

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

**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.****# 001 [25 Pa. Code §129.52]****Surface coating processes**

(a) Pursuant to 25 Pa. Code §129.52(c), the permittee shall keep daily records of the following for Sources P101, P102 and P103:

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

- (i) The coating, thinner or component name and identification number.
- (ii) The volume used.
- (iii) The mix ratio.
- (iv) The density or specific gravity.
- (v) The weight percent of total volatiles, water, solids and exempt solvents.
- (vi) The volume percent of solids.

(2) The volatile organic compound content, expressed as pounds volatile organic compounds per gallon coating solids, of each coating, thinner and other component as-supplied.

(3) The volatile organic compound content, expressed as pounds volatile organic compounds per gallon coating solids, of each as-applied coating.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All such records shall be retained for a period of at least 5 years from the date of generation and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

**SECTION E. Source Group Restrictions.****VI. WORK PRACTICE REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

No coating containing 1,1,1-trichloroethane (methyl chloroform), methylene chloride or any other halogenated solvent shall be used in Sources P101, P102 or P103.

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

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

All coating application in Sources P101, P102 and P103 shall be performed electrostatically; no other coating application method shall be employed. The electrostatics shall not under any circumstances be deactivated when coating is occurring.

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION E. Source Group Restrictions.**

Group Name: 2

Group Description: Thermal Oxidizer

Sources included in this group

ID	Name
104	DRYING OVEN & COOL-DOWN CHAMBER
P101	PRIMER PAINT BOOTHS
P102	TOP COAT PAINT BOOTHS
P103	PAINT MIXING & THINNING OPERATION

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

The concentration of particulate matter in the effluent gases of Control Device C001 associated with Sources 104, P101, P102 and P103 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

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

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the effluent gases of Control Device C001 associated with Sources 104, P101, P102 and P103 shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§127.1 and 127.12 and the Request for Determination dated July 19, 2016]

The total combined volatile organic compound emissions from Sources 104, P101, P102 and P103 that escape capture and destruction shall be as low as possible, but in no case shall they exceed 14.8 tons in any 12 consecutive month period.

**# 004 [25 Pa. Code §129.52]****Surface coating processes**

[Additional authority for this permit condition is derived from 25 Pa. Code §129.52(b)(2)]

No person may cause or permit the emission into the outdoor atmosphere of volatile organic compounds from Sources P101, P102 and P103; the flashoff area between Sources P101 and P102; the entrance to the drying oven incorporated in Source 104; and the drying oven incorporated in Source 104; unless the overall weight of volatile organic compounds emitted to the atmosphere by these sources is reduced through the use of Control Device C001. The overall efficiency of the control system for these sources, as determined by the test methods and procedures specified in 25 Pa. code Chapter 139, shall be no less than the equivalent overall efficiency calculated as shown in 25 Pa. Code §129.52(b)(2).

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

The permittee shall conduct stack testing on Control Device C001 associated with Sources 104, P101, P102 and P103 to demonstrate compliance with the volatile organic compound capture efficiency and the volatile organic compound destruction efficiency requirements contained herein. Stack testing shall be conducted while Sources 104, P101, P102, and P103 are operating at the minimum volatile organic compound generation rate at which you ever expect to operate Sources 104, P101, P102 and P103 and also while operating at a maximum volatile organic compound generation rate.

**SECTION E. Source Group Restrictions.**

During the performance of stack testing at the minimum volatile organic compound generation rate, the thermal oxidizer shall not be intentionally operated such that the hottest part of the regenerative beds of the thermal oxidizer exceed a maximum temperature of 1,650°F; the temperature of the hottest part of the regenerative beds may be less than 1,600°F during the performance of stack testing, but at no time lower than 1,400°F. All testing shall be performed using test methods and procedures which are acceptable to the Department.

Stack tests shall be conducted on an approximate triennial basis, but in each case, no less than 32 months and no more than 36 months following the previous test.

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

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

Each module incorporated into Control Device C001 associated with Sources 104, P101, P102 and P103 shall be equipped with instrumentation to monitor and record the temperature at the hottest part of the regenerative beds of Control Device C001 on a continuous basis.

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

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

A pressure differential monitoring device shall be mounted in the area of the two 8' x 8' access doors which exist between the building or room housing Sources 104, P101, P102 and P103 and the remainder of the plant, and shall be used to continuously monitor the pressure differential between the building or room housing Sources 104, P101, P102 and P103 and the remainder of the plant. This monitoring device shall be equipped with an alarm which will be activated if the air pressure in the building or room housing Sources 104, P101, P102 and P103 becomes positive in relation to the air pressure in the remainder of the plant.

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

(a) The permittee shall maintain such accurate and comprehensive records as are necessary to determine compliance with the total combined volatile organic compound emission limitation of 14.8 tons in any 12 consecutive month period for Sources 104, P101, P102 and P103. At a minimum, these records shall include the following:

- (1) the identity of each volatile organic compound-containing and/or volatile hazardous air pollutant-containing material used in Sources 104, P101, P102 and P103;
- (2) the amount in gallons of each material used each month in Sources 104, P101, P102 and P103;
- (3) the volatile organic compound content of each such material in pounds per gallon;
- (4) the identity and content in pounds per gallon of each individual volatile hazardous air pollutant contained in each such material;
- (5) the amount of volatile organic compounds and the amount of each individual hazardous air pollutant emitted from Sources 104, P101, P102 and P103 during each month from the use of each individual material; and
- (6) an up-to-date Certified Product Data Sheet (CPDS) or Material Safety Data Sheet (MSDS) for each such material used in Sources 104, P101, P102 and P103.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All such records shall be retained for a period of at least 5 years and shall be made available to the Department upon request.

**SECTION E. Source Group Restrictions.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) records of the regenerative bed temperatures, electronic or paper, continuously recorded during the operation of Control Device C001; and

(2) the pressure differential, recorded at least once daily, between the building or room housing Sources 104, P101, P102 and P103 and the remainder of the plant.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of June 2023 through the end of May 2024 shall be completed by June 15, 2024).

(c) All such records shall be retained for a period of at least 5 years and shall be made available to the Department upon request.

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

(a) The permittee shall submit semi-annual reports to the Department for Sources 104, P101, P102 and P103, which includes the supporting calculations utilized to verify compliance with the volatile organic compound emission limitation in any 12 consecutive month period.

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

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

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

The hottest part of the regenerative beds of Control Device C001 associated with Sources 104, P101, P102 and P103 shall be maintained at a temperature of at least 1,600°F whenever Sources 104, P101, P102 or P103 are in operation except during the performance of stack testing when the temperature of the hottest part of the regenerative beds may be less than 1,600°F, but at no time lower than 1,400°F.

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

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

The building or room housing Sources 104, P101, P102 and P103 shall not be equipped with any openings or doors other than those which remain closed whenever surface coating is occurring, nor shall the building or room be equipped with any exhaust or ventilation systems other than those associated with Control Device C001 and the cool-down chamber incorporated in Source 104.

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

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

The building or room housing Sources 104, P101, P102 and P103 shall be maintained under negative pressure whenever surface coating is occurring.



**SECTION E. Source Group Restrictions.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The makeup air rate to the building or room housing Sources 104, P101, P102 and P103 shall at all times be less than the total exhaust flow to Control Device C001.

**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

All gases ducted to Control Device C001 including those from Sources P101 and P102 which have already passed through spray booth filters and filter bags, shall be passed through a filter room containing inclined particle filters (Control Device C002).

**VII. ADDITIONAL REQUIREMENTS.****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The volatile organic compound capture system associated with Control Device C001 shall capture 90% or more (on a mass basis) of the volatile organic compound emissions produced by Sources 104, P101, P102 and P103. Control Device C001 shall destroy as great a percentage of the volatile organic compound emissions ducted to it as possible, but in no case shall Control Device C001 destroy less than 95% (on a mass basis).

**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Control Device C001 shall be equipped with a natural gas injection system capable of injecting up to 2,200 cubic feet of natural gas per hour into each module associated with Control Device C001.

**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Control Device C001 is a two-module ABB Air Preheater Co. model 2-16.7R95NGI Combu-Changer electrically-heated regenerative thermal oxidizer equipped with two 3.0 million Btu per hour natural gas-fired burners.



**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 of minor significance to the Department 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) Pre-treat Tanks:

- (1) Two 4000 gallon (each), above-ground, rinse water process tanks (vats).

(b) Anodizing Tanks without burners:

- (1) eight 7,500-gallon aboveground rinse water process tanks (vats).
- (2) one 7,500-gallon aboveground desmutt process tank (vat) holding water, H<sub>2</sub>SO<sub>4</sub>, and Ax-1751 (and/or alternate material determined by the Department of Environmental Protection to have an equivalent, or lower, air contaminant emission potential).
- (3) three 7,500-gallon aboveground anodizing strike process tanks (vats) holding aluminum, water and H<sub>2</sub>SO<sub>4</sub>.
- (4) one 7,500-gallon aboveground color process tank (vat) holding A-545, A-557, A-558, and H<sub>2</sub>SO<sub>4</sub> (and/or alternate material determined by the Department of Environmental Protection to have an equivalent, or lower, air contaminant emission potential).
- (5) one 7,500-gallon aboveground spray rinse water tank (vat).
- (6) two 7,500-gallon waste-water pH correction process tank (vat) holding water and H<sub>2</sub>SO<sub>4</sub>.
- (7) one spare 7,500-gallon aboveground treatment process tank (vat).

(c) Hot Log Saw Belco model 89-HLS billet saw with a B&O model B-858 chip collector.

(d) The use of ethyl alcohol on rags to manually remove residual oil, sand, or dust from stock length, door, and frame surfaces throughout the plant.

(e) Briggs & Stratton Billy Goat model LB352 vacuum powered by a 9.3 horsepower Briggs & Stratton 500 series model 09P6020060F1 gasoline-powered engine.

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(1) Revision No. 1 issued on February 22, 2022, pursuant to the minor modification procedures, incorporated conditions of approval authorized via RFD on December 15, 2021 (allowing HAP-containing coatings in P113).



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

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