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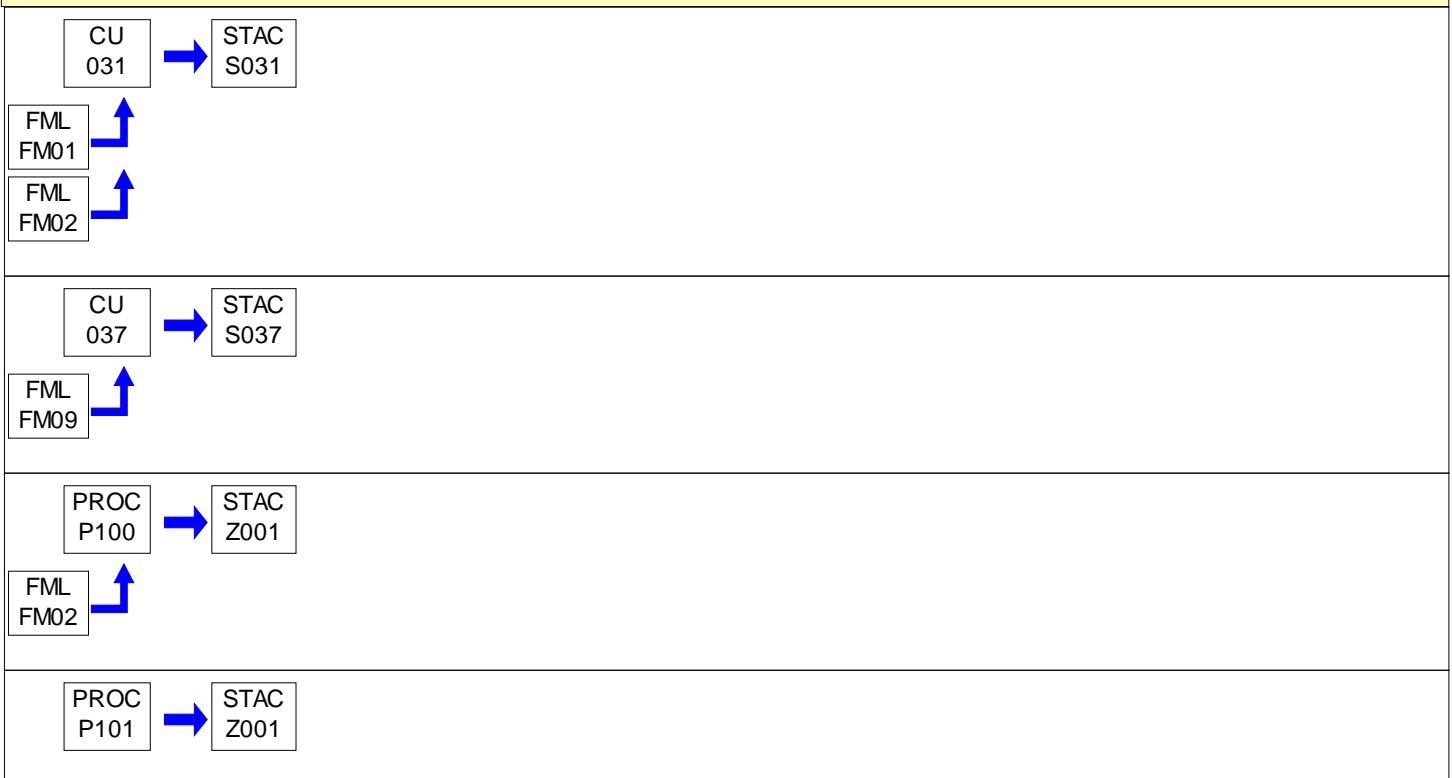
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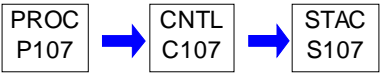
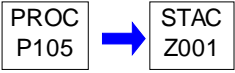
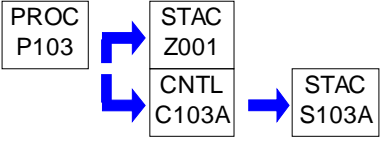
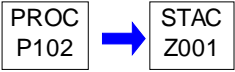
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	22 COMBUSTION UNITS		
037	OUTDOOR WOOD-FIRED BOILERS		
P100	82 SPACE HEATERS		
P101	PLANT 1		
P102	PLANTS 2 & 3		
P103	SPECIALTY PAINT SHOP		
P105	TWO REMOTE RESERVOIR COLD CLEANING MACHINES		
P107	PLANT 2 - WOODWORKING OPERATION (SAWS)		
C103A	SPRAY BOOTH FILTERS		
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C103C	SPRAY BOOTH FILTERS		
C107	REVERSE FLOW FABRIC COLLECTOR		
FM01	NO. 2 FUEL OIL		
FM02	LIQUEFIED PETROLEUM GAS		
FM09	CLEAN WOOD		
S031	COMBUSTION UNIT STACKS		
S037	OUTDOOR BOILER STACKS		
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S107	FABRIC COLLECTOR STACK		
Z001	FUGITIVE EMISSIONS		

**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**

The permittee shall not 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**

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

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

The permittee shall 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 Condition #003 shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in Condition #001 (1) through (7) above.

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

[Additional authority for this 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.

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 006 [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.

**# 007 [25 Pa. Code §139.11]****General requirements.**

(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.

(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:

- (a) A thorough source description, including a description of any air cleaning devices and the flue.
- (b) 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.
- (c) The location of sampling ports.
- (d) 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.
- (e) 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.
- (f) Laboratory procedures and results.
- (g) Calculated results.

**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.**

The permittee shall keep such records as are necessary to determine compliance with the air contaminant emission limitations specified in Condition #005 herein and shall make these records available to the Department upon request.

**# 009 [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.

**V. REPORTING REQUIREMENTS.****# 010 [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.

**# 011 [25 Pa. Code §127.442]****Reporting requirements.**

(1) 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

**SECTION C. Site Level Requirements**

- improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (2) 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.
- (3) The report shall describe the following:
- name, permit or authorization number, and location of the facility,
  - nature and cause of the malfunction, emergency or incident,
  - date and time when the malfunction, emergency or incident was first observed,
  - expected duration of excess emissions,
  - estimated rate of emissions,
  - corrective actions or preventative measures taken.
- (4) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (2) 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 (3), and any permit specific malfunction reporting requirements.
- (5) 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 (2) through (4), as applicable, including any permit specific malfunction reporting requirements.
- (6) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.
- (7) 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.

**# 012 [25 Pa. Code §135.3]****Reporting**

- (1) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) emissions 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 preceding calendar year and sources modified during the same period which were not previously reported.
- (2) 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.
- (3) 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.

**VI. WORK PRACTICE REQUIREMENTS.****# 013 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in Condition #001 (1) through (8), 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:

- 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.
- Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- Paving and maintenance of roadways.
- Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.



**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. §§ 4001 through 4015)).

**# 015 [25 Pa. Code §123.31]****Limitations**

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

**# 016 [25 Pa. Code §129.14]****Open burning operations**

The permittee shall not permit the open burning of material at this facility unless in accordance with 25 Pa. Code §129.14.

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

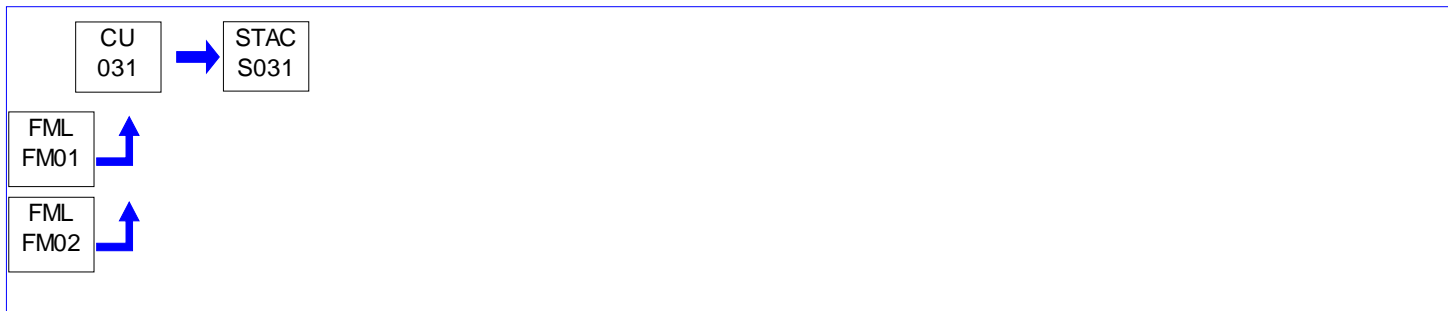
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: 22 COMBUSTION UNITS

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

The combustion units incorporated in Source 031 shall not 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 §123.22]

**Combustion units**

The sulfur content of the #2 fuel oil fired in Source 031 shall not exceed 0.5 percent, by weight, at any time.

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The combustion units incorporated in Source 031 shall only be fired on natural gas, LP gas or #2 fuel oil to which no reclaimed or waste oil or other waste materials have been added.

**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 031 consists of the following:

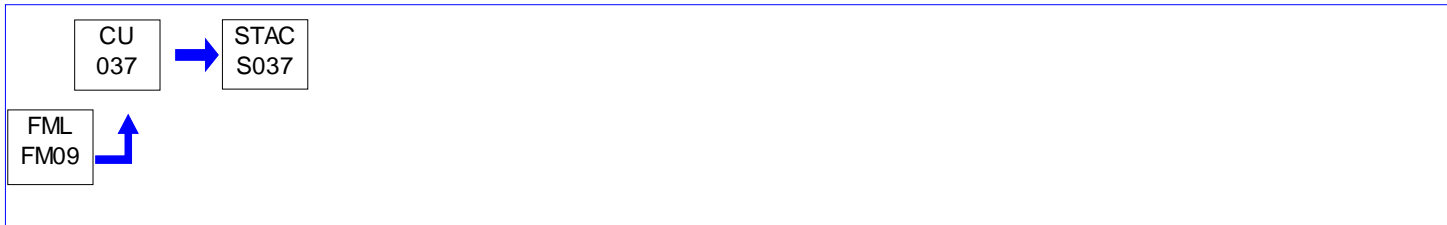
- (1) one 1.50 million Btu per hour Applied Air Systems 02HLIPFP250/175 #2 fuel oil-fired forced air furnace located in Plant 1
- (2) one 0.55 million Btu per hour Commercial Comfort Company TCS-S-O-X-1 #2 fuel oil-fired forced air furnace located in Plant 1
- (3) one 0.086 million Btu per hour Miller M1SB-086A-BW #2 fuel oil-fired forced air furnace located in Plant 1
- (4) one 1.50 million Btu per hour Applied Air Systems 02HHIFP250/175 #2 fuel oil-fired forced air furnace located in Plant 2
- (5) one 0.55 million Btu per hour Commercial Comfort Company TCS-S-O-X-1 #2 fuel oil-fired forced air furnace located in Plant 2
- (6) one 1.50 million Btu per hour Applied Air Systems 02HLIPP250/175 #2 fuel oil-fired forced air furnace located in Plant 3
- (7) one 0.55 million Btu per hour Commercial Comfort Company TCS-S-O-X-1 #2 fuel oil-fired forced air furnace located in Plant 3
- (8) one 0.07 million Btu per hour Miller M1MB-070A-MB LP gas-fired forced air furnace located in Plant 3
- (9) one 0.07 million Btu per hour Miller M1MB-070A-BW LP gas-fired forced air furnace located in Plant 3
- (10) one 0.125 million Btu per hour Acclaim WGDAG-12EARJR LP gas-fired forced air furnace located in the Specialty Paint Shop
- (11) one 0.125 million Btu per hour Ambirad (unknown model) LP gas-fired forced air furnace located in the Specialty Paint Shop
- (12) one 0.635 million Btu per hour Binks LU115-6-635 LP gas-fired forced air furnace located in the Specialty Paint Shop
- (13) four 0.186 million Btu per hour Reznor OH190 #2 fuel oil-fired forced air furnaces located in the Cabinet Shop
- (14) one 0.125 million Btu per hour Westinghouse FOUU154ME #2 fuel oil-fired forced air furnace located in the Building 5 Garage
- (15) four 0.075 million Btu per hour Nordyne R4GA-060C096C LP gas-fired heat pumps located in the Office Building
- (16) one 0.10 million Btu per hour International Comfort Products PGE 180H360AA LP gas-fired heat pump located in the Office Building

**SECTION D. Source Level Requirements**

Source ID: 037

Source Name: OUTDOOR WOOD-FIRED BOILERS

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

The permittee shall not permit the emission of sulfur oxides (SO<sub>x</sub>), expressed as SO<sub>2</sub> into the outdoor atmosphere from the boilers incorporated in Source 037 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.**

The wood-fired boilers incorporated in Source 037 shall only be fired on green or kiln dried wood and clean scrap paper. At no time, shall wood laminates, particleboard, treated wood, construction and demolition waste or materials other than wood and paper be fired in the boilers. All scrap paper fired in the boilers shall be generated on site and shall not contain plastics or other waste materials.

**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 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]

**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

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

- (1) Copies of each notification and report submitted to comply with Subpart JJJJJJ of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers Area Sources and all documentation supporting any Initial Notification or Notification of Compliance Status submitted.
- (2) Records to document conformance with the work practice standard required by Condition #006 herein. Records must identify the boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which each boiler incorporated in Source 037 was tuned.
- (3) Records of the occurrence and duration of each malfunction of each boiler incorporated in Source 037, or of the associated air pollution control and monitoring equipment.
- (4) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions, including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

**SECTION D. Source Level Requirements**

All records must be in a form suitable and readily available for expeditious review. The permittee shall retain each record for 5 years following the date of each recorded action. The permittee shall retain each record onsite or be accessible from a central location by computer or other means that instantly provide access at the site for at least 2 years after the date of each recorded action. The permittee may retain records off site for the remaining 3 years.

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

The submission of reports and notifications required by Subpart JJJJJ of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers Area Sources, 40 CFR 63.11193 through 63.11226, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and electronically to the Environmental Protection Agency. The electronic reports must be submitted using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). The submission of all other requests, applications submittals and other communications required by Subpart JJJJJ of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers Area Sources, 40 CFR 63.11193 through 63.11226, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

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

and

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

**# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****SUBPART JJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

The permittee shall prepare, by March 1 of every other year, and submit to the Department upon request, a biennial compliance certification report containing the information specified in subsections (1) through (3) of this condition. You must submit the report by March 15 if you had any instance described by paragraph (3) of this section.

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the boilers incorporated in Source 037 have complied with all the relevant standards and other requirements of this subpart. The notification must include a certification that "the facility complies with the requirement to conduct a 5-year tune-up of each boiler incorporated in Source 037," and signed by a responsible official.

(3) If either boiler incorporated in Source 037 experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

**VI. WORK PRACTICE REQUIREMENTS.****# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]****SUBPART JJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

The permittee shall conduct a performance tune-up of the wood-fired boilers incorporated in Source 037 every 5 years in accordance with subsections (1) through (7) of this condition. Each 5-year tune-up must be conducted no more than 61

**SECTION D. Source Level Requirements**

months after the previous tune-up.

- (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the permittee may delay the burner inspection until the next scheduled unit shutdown, but you must inspect each burner at least once every 72 months).
- (2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.
- (3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the permittee may delay the burner inspection until the next scheduled unit shutdown, but you must inspect each burner at least once every 72 months).
- (4) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.
- (5) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).
- (6) Maintain on-site and submit, if requested by the Department, a report containing the information in subsections (6)(a) through (6)(c) of this condition.
  - (a) The concentrations of carbon monoxide in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the wood-fired boilers incorporated in Source 037.
  - (b) A description of any corrective actions taken as a part of the tune-up of the wood-fired boilers incorporated in Source 037.
  - (c) The type and amount of fuel used over the 12 months prior to the 5-year tune-up of the wood-fired boilers incorporated in Source 037.
- (7) If either of wood-fired boilers incorporated in Source 037 is not operating on the required date for a tune-up, the tuneup must be conducted within 30 days of startup of the subject boiler.

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

Source 037 consists of the following boilers:

- (1) One 0.90 million Btu per hour, wood-fired Mahoning model 750 outdoor boiler.
- (2) One 0.61 million Btu per hour, wood-fired Central Boiler, Pallet Burner type outdoor boiler.

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11194]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What is the affected source of this subpart?**

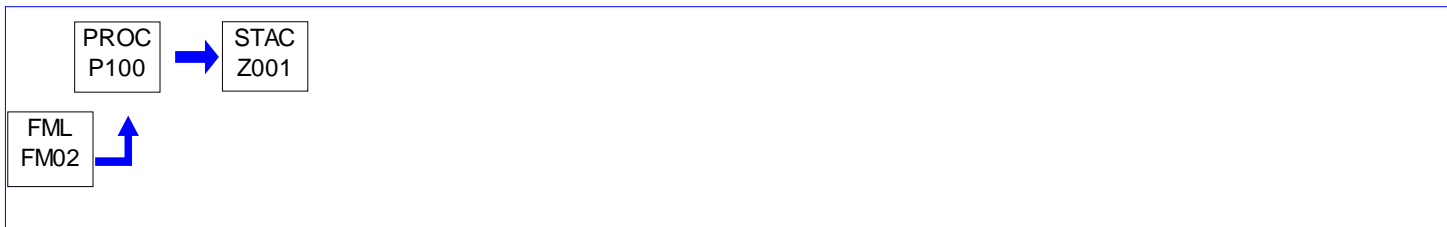
The wood-fired boilers incorporated in Source 037 are subject to Subpart JJJJJJ of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Industrial Boilers Area Sources. The permittee shall comply with all applicable requirements specified in 40 CFR Sections 63.11193 through 63.11237.

**SECTION D. Source Level Requirements**

Source ID: P100

Source Name: 82 SPACE HEATERS

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the effluent gas of the space heaters incorporated in 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 gas of the space heaters incorporated in Source P100 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 space heaters incorporated in Source P100 shall only be fired on natural gas or LP gas.

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

Source P100 consists of the following:

- (1) nineteen 0.25 million Btu per hour L.B. White Norseman 250 LP gas-fired space heaters located in Plant 1
- (2) thirty-six 0.25 million Btu per hour L.B. White Norseman 250 LP gas-fired space heaters located in Plant 2
- (3) twenty-seven 0.25 million Btu per hour L.B. White Norseman 250 LP gas-fired space heaters located in Plant 3

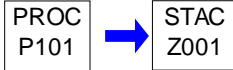


**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: PLANT 1

Source Capacity/Throughput:

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

The emission of volatile organic compounds from Source P101 shall not at any time equal or exceed 10 tons 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.**

The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing and/or volatile hazardous air pollutant-containing materials, used in, or associated with the use of, Source P101. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons or pounds of each material used each month;
- (4) the density of each material as-applied in pounds per gallon;
- (5) the volatile organic compound content of each material as-applied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as-applied (% by weight); and
- (7) the amount of volatile organic compounds and the amount of hazardous air pollutants emitted during each month from the use of each individual material.

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

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

The permittee shall submit quarterly reports that include the records required by Condition #002 above. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due on January 30th, April 30th, July 30th and October 30th). This report shall include all background information and calculations used in the derivation of the reported values.

**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 P101 is a mobile/modular home assembly plant designated by the permittee as Plant 1.

**# 005 [25 Pa. Code §129.77.]**

**Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

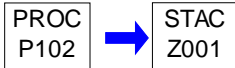
All adhesives, sealants, adhesive primers and sealant primers, as well as any associated surface preparation and cleanup solvents, used in Source P101 shall comply with all applicable requirements specified in 25 Pa. Code Section 129.77.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: PLANTS 2 &amp; 3

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 25 Pa. Code §§ 127.1 and 127.12]

The total combined emissions from Source P102 shall not at any time exceed any of the following limitations:

- (1) 25.39 tons of volatile organic compounds in any 12 consecutive month period.
- (2) 3.05 tons of hazardous air pollutants in any 12 consecutive month period.

**# 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 total combined emission of volatile organic compounds and/or hazardous air pollutants resulting from the use of "EnerBond BA," "DOW Voramer CE," "DOW Voramer MB," "Henkel Glue," "Sun White Wood Glue" and "Enerfoam NBS" (and/or any alternate material determined by the Department to be equivalent) in Source P102 shall not exceed 1 pound 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.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing and/or volatile hazardous air pollutant-containing materials used in, or associated with the use of, Source P102. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons or pounds of each material used each month;
- (4) the density of each material as-applied in pounds per gallon;
- (5) the volatile organic compound content of each material as-applied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as-applied (% by weight); and
- (7) the amount of volatile organic compounds and the amount of hazardous air pollutants emitted during each month from the use of each individual material.

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

**SECTION D. Source Level Requirements**

generation and shall be provided to the Department upon request.

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

Except for up-to-date Certified Product Data Sheets (CPDSs), the permittee shall submit quarterly reports that include the records required by Condition #003 above. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due on January 30th, April 30th, July 30th and October 30th). This report shall include all background information and calculations used in the derivation of the reported values.

**VI. WORK PRACTICE REQUIREMENTS.****# 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]

Only airless, air-assisted airless or HVLP (high volume low pressure) spray technology shall be used to apply coatings in Source P102.

**# 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]

All adhesives, coatings, insulating foams and barriers and cleaning solvents shall be kept in closed containers when not in actual use.

**# 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]

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

**VII. ADDITIONAL REQUIREMENTS.****# 008 [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]

"EnerBond BA" is the only adhesive that shall be used in Source P102 to secure floor decking to joists, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "EnerBond BA."

**# 009 [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]

"DOW Voramer CE" and "DOW Voramer MB" are the only adhesives that shall be used in Source P102 to secure ceiling board to trusses, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "DOW Voramer CE" and "DOW Voramer MB."

**SECTION D. Source Level Requirements****# 010 [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]

"Henkel Glue" is the only adhesive that shall be used in Source P102 to secure wallboard to studs, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Henkel Glue."

**# 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]

"Sun White Wood Glue" is the only general purpose adhesive that shall be used in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Sun White Wood Glue."

**# 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]

"Enerfoam NBS" is the only foam insulation that shall be used in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Enerfoam NBS."

**# 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]

"Con-Bond 3498" is the only adhesive that shall be used to secure laminate to countertops in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Con-Bond 3498." The volatile organic compound content of "Con-Bond 3498" shall not exceed 3.67 pounds per gallon and the hazardous air pollutant content of this material shall not exceed 9.75 pounds per gallon, of which no more than 6.83 pounds shall be methylene chloride and 2.92 pounds shall be trichloroethylene. Additionally, the total combined amount of "Con-Bond 3498" and any alternate adhesive determined by the Department to be equivalent to "Con-Bond 3498" that may be used in Source P102 shall not exceed 224 gallons in any 12 consecutive month period.

**# 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]

"Oatey Cement" is the only adhesive that shall be used to secure PVC plumbing connections in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Oatey Cement." The volatile organic compound content of "Oatey Cement" shall not exceed 5.40 pounds per gallon and this material shall contain no hazardous air pollutants. Additionally, the total combined amount of "Oatey Cement" and any alternate adhesive determined by the Department to be equivalent to "Oatey Cement" that may be used in Source P102 shall not exceed 396 gallons in any 12 consecutive month period.

**# 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]

"Duron Pro-Kote Supreme 59-865" is the only coating that shall be used to coat interior mobile/modular home walls and surfaces in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Duron Pro-Kote Supreme 59-865." The volatile organic compound content of "Duron Pro-Kote Supreme 59-865" shall not exceed 0.77 pounds per gallon and this material shall contain no hazardous air pollutants. Additionally, the total combined amount of "Duron Pro-Kote Supreme 59-865" and any alternate coating determined by the Department to be equivalent to "Duron Pro-Kote Supreme 59-865" that may be used in Source

**SECTION D. Source Level Requirements**

P102 shall not exceed 52,500 gallons in any 12 consecutive month period.

**# 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]

"Reynco 6437-WP" is the only coating that shall be used to coat metal surfaces in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Reynco 6437-WP." The volatile organic compound content of "Reynco 6437-WP" shall not exceed 0.036 pounds per gallon and this material shall contain no hazardous air pollutants. Additionally, the total combined amount of "Reynco 6437-WP" and any alternate coating determined by the Department to be equivalent to "Reynco 6437-WP" that may be used in Source P102 shall not exceed 2,985 gallons in any 12 consecutive month period.

**# 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]

"PUR-SOL #2144" is the only solvent that shall be used to clean EnerBond application heads in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "PUR-SOL #2144." The volatile organic compound content of "PUR-SOL #2144" shall not exceed 4.18 pounds per gallon and this material shall contain no hazardous air pollutants. Additionally, the total combined amount of "PUR-SOL #2144" and any alternate solvent determined by the Department to be equivalent to "PUR-SOL #2144" that may be used in Source P102 shall not exceed 50 gallons in any 12 consecutive month period.

**# 018 [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]

"BOSS 345" and "OSI Formula #38" are the only general purpose adhesives that shall be used in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "BOSS 345." The volatile organic compound contents of "BOSS 345" and "OSI Formula #38" shall not exceed 3.17 pounds per gallon and the hazardous air pollutant contents of these materials shall not exceed 0.2 pounds per gallon. Additionally, the total combined amount of "BOSS 345," "OSI Formula #38" and any alternate adhesive determined by the Department to be equivalent to "BOSS 345" that may be used in Source P102 shall not exceed 1,425 gallons in any 12 consecutive month period.

**# 019 [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]

"TACC ST 172" is the only solvent that shall be used to clean excess adhesive from laminated countertops in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "TACC ST 172." The volatile organic compound content of "TACC ST 172" shall not exceed 3.35 pounds per gallon and the hazardous air pollutant content of this material shall not exceed 11.18 pounds per gallon. Additionally, the total combined amount of "TACC ST 172" and any alternate solvent determined by the Department to be equivalent to "TACC ST 172" that may be used in Source P102 shall not exceed 225 gallons in any 12 consecutive month period.

**# 020 [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]

"Oatey Purple Primer" is the only solvent that shall be used to clean PVC plumbing prior to applying adhesives in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Oatey Purple Primer." The volatile organic compound content of "Oatey Purple Primer" shall

**SECTION D. Source Level Requirements**

not exceed 5.00 pounds per gallon and this material shall contain no hazardous air pollutants. Additionally, the total combined amount of "Oatey Purple Primer" and any alternate solvent determined by the Department to be equivalent to "Oatey Purple Primer" that may be used in Source P102 shall not exceed 195 gallons in any 12 consecutive month period.

**# 021 [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]

"Boring Smith Cleaner" is the only general purpose coating solvent that shall be used in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Boring Smith Cleaner." The volatile organic compound content of "Boring Smith Cleaner" shall not exceed 6.59 pounds per gallon and this material shall contain no hazardous air pollutants. Additionally, the total combined amount of "Boring Smith Cleaner" and any alternate solvent determined by the Department to be equivalent to "Boring Smith Cleaner" that may be used in Source P102 shall not exceed 35 gallons in any 12 consecutive month period.

**# 022 [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]

"Specialty Adhesives 7702" is the only material that shall be used to seal ceiling/roof cavities in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "Specialty Adhesives 7702." The hazardous air pollutant content of "Specialty Adhesives 7702" shall not exceed 0.005 pounds per gallon (of vinyl acetate monomer only) and this material shall contain no volatile organic compounds. Additionally, the total combined amount of "Specialty Adhesives 7702" and any alternate material determined by the Department to be equivalent to "Specialty Adhesives 7702" that may be used in Source P102 shall not exceed 15,330 gallons in any 12 consecutive month period.

**# 023 [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]

"CYCLO Surface Silicone" is the only material that shall be used to lubricate saw blades in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "CYCLO Surface Silicone." The volatile organic compound content of "CYCLO Surface Silicone" shall not exceed 4.99 pounds per gallon and this material shall contain no hazardous air pollutants. Additionally, the total combined amount of "CYCLO Surface Silicone" and any alternate material determined by the Department to be equivalent to "CYCLO Surface Silicone" that may be used in Source P102 shall not exceed 15 gallons in any 12 consecutive month period.

**# 024 [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]

"FlexGrip 550" is the only material that shall be used as a duct sealant for heating ducts in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "FlexGrip 550." The volatile organic compound content of "FlexGrip 550" shall not exceed 0.63 pounds per gallon and the hazardous air pollutant content of this material shall not exceed 0.63 pounds per gallon. Additionally, the total combined amount of "FlexGrip 550" and any alternate material determined by the Department to be equivalent to "FlexGrip 550" that may be used in Source P102 shall not exceed 80 gallons in any 12 consecutive month period.

**# 025 [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]

"GREAT STUFF Gaps and Cracks" is the only material that shall be used as a fire-resistant crack sealer in Source P102, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to be equivalent to "GREAT STUFF Gaps and Cracks." The volatile organic compound content of "GREAT STUFF Gaps and Cracks" shall not exceed 1.32 pounds per gallon and the hazardous air pollutant content shall not exceed

**SECTION D. Source Level Requirements**

1.15 pounds per gallon. 4,4'-methylenediphenyl diisocyanate is the only hazardous air pollutant that shall be contained in "GREAT STUFF Gaps and Cracks." Additionally, the total combined amount of "GREAT STUFF Gaps and Cracks" and any alternate material determined by the Department to be equivalent to "GREAT STUFF Gaps and Cracks" that may be used in Source P102 shall not exceed 350 gallons in any 12 consecutive month period.

**# 026 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source P102 consists of two mobile/modular home assembly plants designated by the permittee as Plants 2 & 3.

**# 027 [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]

Only those adhesives, coatings, insulating foams and barriers and cleaning solvents identified in the application and supplemental information submitted as part of the application shall be used in Source P102, unless prior authorization has been obtained from the Department to use a material considered by the Department to be equivalent or the Department has otherwise approved the use of a different material.

**# 028 [25 Pa. Code §129.77.]**

**Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

All adhesives, sealants, adhesive primers and sealant primers, as well as any associated surface preparation and cleanup solvents, used in Source P102 shall comply with all applicable requirements specified in 25 Pa. Code Section 129.77.

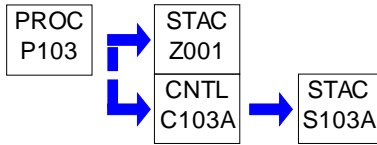


**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: SPECIALTY PAINT SHOP

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 25 Pa. Code §§ 127.1 and 127.12]

The concentration of particulate matter in the effluent gas of Source P103 shall not exceed 0.01 grains per dry standard cubic foot of effluent gas volume.

Compliance with this condition also ensures compliance with 25 Pa. Code § 123.13.

**# 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 total combined emissions from the use of lacquers in Source P103 shall not at any time exceed any of the following limitations:

- (1) 3.86 tons of volatile organic compounds in any 12 consecutive month period.
- (2) 2.19 tons of hazardous air pollutants in any 12 consecutive month period.

**# 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]

The total combined emissions from the use of cleanup solvents in Source P103 shall not at any time exceed any of the following limitations:

- (1) 0.04 tons of volatile organic compounds in any 12 consecutive month period.
- (2) 0.02 tons of hazardous air pollutants in any 12 consecutive month period.

**# 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 total combined emissions from the use of stains in Source P103 shall not at any time exceed 0.86 tons of volatile organic compounds 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).

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

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

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

The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing and/or volatile hazardous air pollutant-containing materials used in, or associated with the use of, Source P103. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons or pounds of each material used each month;
- (4) the density of each material as-applied in pounds per gallon;
- (5) the volatile organic compound content of each material as-applied (% by weight);
- (6) the volatile hazardous air pollutant content of each material as-applied (% by weight); and
- (7) the amount of volatile organic compounds and the amount of volatile hazardous air pollutants emitted during each month from the use of each individual material.

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

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

Except for up-to-date Certified Product Data Sheets (CPDSs), the permittee shall submit quarterly reports that include the records required by Condition #005 above. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due on January 30th, April 30th, July 30th and October 30th). This report shall include all background information and calculations used in the derivation of the reported values.

**VI. WORK PRACTICE REQUIREMENTS.****# 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]

Other than for stains, only airless, air-assisted airless or HVLP (high volume low pressure) spray technology shall be used to apply coatings in Source P103. All stains used in Source P103 shall be applied by brush or wiping cloth.

**# 008 [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 coatings and cleaning solvents shall be kept in closed containers when not in actual use.

**# 009 [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]

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

**SECTION D. Source Level Requirements****# 010 [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 C103A shall be equipped with instrumentation to continuously monitor the differential pressure across the spray booth filters.

**VII. ADDITIONAL 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]

Only those stains, lacquers and solvents identified in the application and supplemental information submitted as part of the application shall be used in Source P103, unless prior authorization has been obtained from the Department to use a material considered by the Department to be equivalent.

**# 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 volatile organic compound contents of solvent-based and water-based lacquers used in Source P103 shall not exceed 5.36 pounds and 1.87 pounds, respectively, per gallon of coating and the hazardous air pollutant contents of solvent-based and water-based lacquers used in Source P103 shall not exceed 3.05 pounds and 0.00 pounds, respectively, per gallon of coating.

**# 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 volatile organic compound content of all stains used in Source P103 shall not exceed 2.10 pounds per gallon of coating and these materials shall contain no hazardous air pollutants.

**# 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 volatile organic compound and hazardous air pollutant contents of all cleanup solvents used in Source P103 shall not exceed 6.75 pounds and 3.37 pounds, respectively, per gallon of solvent.

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

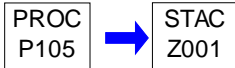
Source P103 is a wood parts (doors, molding, etc.) surface coating operation consisting of one spray booth, the particulate matter emissions from which are controlled by spray booth filters (Control Device C103A). Source P103 is designated by the permittee as the Specialty Paint Shop.

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: TWO REMOTE RESERVOIR COLD CLEANING MACHINES

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.****# 001 [25 Pa. Code §129.63]****Degreasing operations**

The permittee shall maintain accurate and comprehensive records of the name and address of the solvent supplier, the type of solvent including the product or vendor identification number, and the vapor pressure of the solvent measured in millimeter of mercury at 20°C (68°F) for each and every solvent used in the remote reservoir cold cleaning machines incorporated in Source P105 as well as the amount of solvent placed into each machine each month. An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this condition.

All records generated pursuant to this condition shall be retained for at least 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.****# 002 [25 Pa. Code §129.63]****Degreasing operations**

Each remote reservoir cold cleaning machine incorporated in Source P105 shall have a permanent, conspicuous label summarizing the following operating requirements:

- (1) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (3) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.
- (4) Air agitated solvent baths may not be used.
- (5) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

**SECTION D. Source Level Requirements**

In addition, the label shall include the following discretionary good operating practices:

- (1) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.
- (2) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.
- (3) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

**# 003 [25 Pa. Code §129.63]****Degreasing operations**

Each of the remote reservoir cold cleaning machines incorporated in Source P105 shall either be equipped with a perforated drain with a diameter of not more than 6 inches or have a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent.

**# 004 [25 Pa. Code §129.63]****Degreasing operations**

The permittee shall not use in any of the remote reservoir cold cleaning machines incorporated in Source P105 any solvent with a vapor pressure of 1.0 millimeter of mercury or greater. Additionally, no solvent shall be used which contains a hazardous air pollutant as an intentionally-added ingredient.

**# 005 [25 Pa. Code §129.63]****Degreasing operations**

Each remote reservoir cold cleaning machine incorporated in Source P105 shall be operated in accordance with the following procedures:

- (1) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (3) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.
- (4) Air agitated solvent baths may not be used.
- (5) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

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

Source P105 consists of the following:

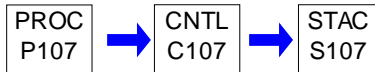
- (1) one 30-gallon Safety Kleen Model 30 remote reservoir cold cleaning machine
- (2) one 30-gallon Zep Dyna-Brute FB remote reservoir cold cleaning machine

**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: PLANT 2 - WOODWORKING OPERATION (SAWS)

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P107 in such a manner that the concentration in the effluent gas exceeds 0.01 grains per dry standard cubic foot.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

**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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Control Device C107 shall be equipped with a triboelectric monitoring system to detect the presence of excessive particulate matter caused by broken or improperly installed collector bags.

**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.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep on hand a sufficient quantity of spare collector bags in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from the routine operation of Source P107 and Control Device C107.

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The triboelectric monitoring system shall immediately shutdown Control Device C107 any time the system detects excessive particulate matter contained in the effluent gas from Control Device C107. Control Device C107 shall not be restarted until the fault is cleared.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The triboelectric monitoring system incorporated in Control Device C107 shall be equipped with self-check capabilities

**SECTION D. Source Level Requirements**

which ensure the accuracy of the system and associated sensors.

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The triboelectric monitoring system incorporated in Control Device C107 shall be maintained and operated in accordance with all applicable manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source P107 is comprised of miter saws, table saws, upcut saws and routers, the particulate matter emissions from which shall be controlled by a Nederman NFS-2 reverse air fabric collector (Control Device C107).



**SECTION E. Source Group Restrictions.**





**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



## SECTION H. Miscellaneous.

The following air contaminant sources are considered to be 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:

- (1) four 1,000-gallon #2 fuel oil aboveground storage tanks
- (2) one 275-gallon #2 fuel oil aboveground storage tank
- (3) four 1,000-gallon LP gas aboveground storage tanks
- (4) seven arc welders
- (5) three MIG welders
- (6) one plasma cutter
- (7) nine acetylene torch sets
- (8) one 49 horsepower Ingersoll Rand diesel-fired portable air compressor
- (9) various pieces of woodworking equipment, the particulate matter emissions from which are controlled by twenty-six portable dust collectors, all of which are exhausted indoors and are incapable of being exhausted outdoors.



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

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