



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: January 6, 2026

Effective Date: January 6, 2026

Expiration Date: January 5, 2031

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

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 19-00001

Synthetic Minor

Federal Tax Id - Plant Code: 52-1162115-1

Owner Information

Name: AUTONEUM NORTH AMER INC

Mailing Address: 480 W 5TH ST
BLOOMSBURG, PA 17815-1563

Plant Information

Plant: AUTONEUM NORTH AMER INC/BLOOMSBURG PLT

Location: 19 Columbia County 19002 Bloomsburg Town
SIC Code: 2273 Manufacturing - Carpets And Rugs

Responsible Official

Name: TIM LAUGHLIN

Title: PLANT MANAGER

Phone: (570) 784 - 4100

Email: tim.laughlin@autoneum.com

Permit Contact Person

Name: SCOTT OLDWEILER

Title: EHS MANAGER

Phone: (570) 316 - 6050

Email: scott.oldweiler@autoneum.com

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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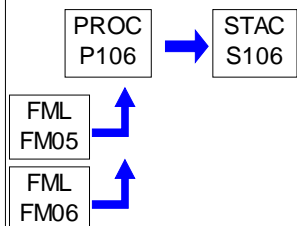
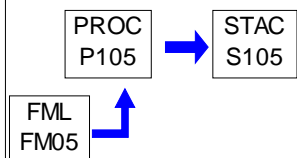
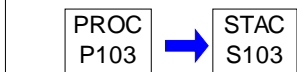
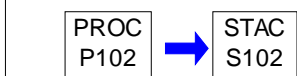
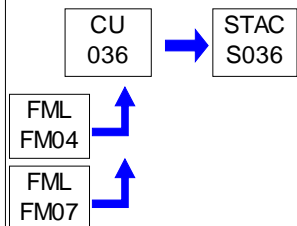
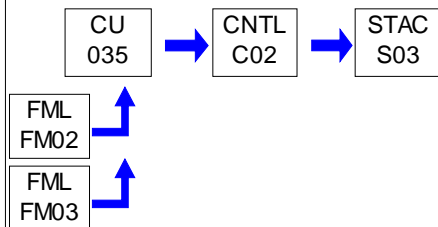
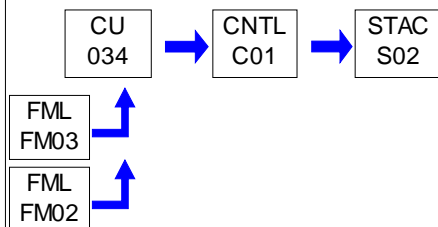
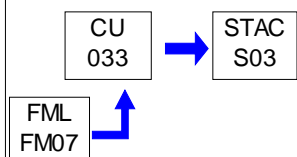
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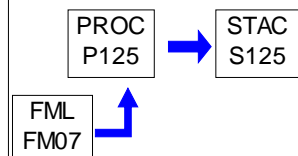
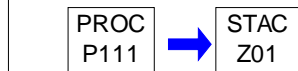
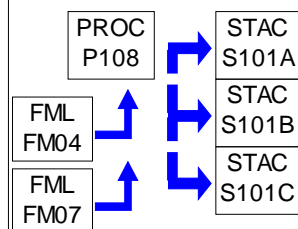
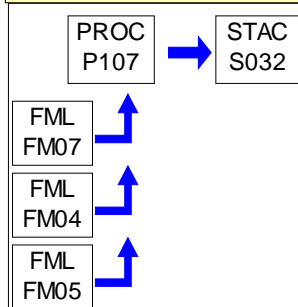
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Source ID	Source Name	Capacity/Throughput		Fuel/Material
033	BOILER 7 (E KEELER)	81.000	MMBTU/HR	
034	BOILER 4 (COMBUSTION ENGINEERING)	48.000	MMBTU/HR	
		5.000	Tons/HR	Anthracite
035	BOILER 1 (E KEELER)	86.600	MMBTU/HR	
		5.000	Tons/HR	Anthracite
036	11 SPACE HEATERS			
P102	7 POLYURETHANE FOAM PROCESS LINES			
P103	3 STORAGE TANKS			
P105	DIESEL FIRE PUMP			
P106	EMERGENCY GENERATOR (RACT)			
P107	EMERGENCY GENERATORS (NON-RACT)			
P108	CARPET DRYER 8			
P111	COLD CLEANING MACHINES			
P125	CARPET DRYER (DYELINE 2)			
C01	MULTICLONE COLLECTOR (BOILER 4)			
C02	MULTICLONES (BOILER 1)			
FM02	ANTHRACITE COAL PILE			
FM03	CARPET PELLET STORAGE			
FM04	PROPANE STORAGE TANKS			
FM05	DIESEL STORAGE TANKS			
FM06	GASOLINE STORAGE TANK			
FM07	NATURAL GAS LINE			
S02	BOILER 4 STACK			
S03	BOILERS 1, 6, AND 7 STACK			
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S036	SPACE HEATER STACKS			
S101A	#8 DRYER STACK			
S101B	#8 DRYER STACK			
S101C	#8 DRYER STACK			
S102	FOAM LINE STACKS			
S103	TANKS VENT			
S105	FIRE PUMP STACK			
S106	GENERATOR STACKS			
S125	DYELINE 2 STACK			
Z01	FUGITIVE EMISSIONS			

PERMIT MAPS

**PERMIT MAPS**

**PERMIT MAPS**

**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

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

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

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
 - (1) For a synthetic minor facility, a fee equal to:
 - (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.
 - (2) For a facility that is not a synthetic minor, a fee equal to:

**SECTION B. General State Only Requirements**

- (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:
 - (1) Enforcement action

**SECTION B. General State Only Requirements**

(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:

(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

**SECTION B. General State Only Requirements**

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_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

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

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

**SECTION B. General State Only Requirements**

(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)

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

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

**SECTION B. General State Only Requirements****#015 [25 Pa. Code § 127.11a]****Reactivation of Sources**

- (a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).
- (b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

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

- (a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].
- (b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

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

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

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

- (a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.
- (b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.
- (c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:
- Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)
- (d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.
- (e) Any records, reports or information submitted to the Department shall be available to the public except for such 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.

**SECTION B. General State Only Requirements****#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.

#023 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

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

**SECTION B. General State Only Requirements****#024 [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.

#025 [25 Pa. Code §135.4]**Report Format**

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

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

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

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) in Condition #001 above if the emissions are visible at the point the emissions pass outside the person's property.

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

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

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

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

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

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

**SECTION C. Site Level Requirements**

(2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

(3) When the emission results from sources specified in 25 Pa. Code §123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

Fuel Restriction(s).**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

All fuel oil fired at this facility shall be fuel oil to which no reclaimed or waste oil or other waste materials have been added.

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements**

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

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

The permittee shall perform testing, or receive results of testing, for each delivery of anthracite coal to demonstrate compliance with the fuel characteristics requirements herein.

008 [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.

009 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code §139.11(1), performance tests shall be conducted while the respective source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code §139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may affect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

**SECTION C. Site Level Requirements**

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

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

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

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

(1) the presence of visible emissions in excess of those allowed by 25 Pa. Code §123.41 or those allowed by any condition contained herein, whichever is more stringent,

(2) the presence of visible fugitive emissions, and

(3) the presence of malodors beyond the facility's property boundaries.

(b) All detected visible emissions, visible fugitive emissions or malodors shall be reported to the manager of the facility.

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

(a) The permittee shall keep accurate and comprehensive records of the analytical results of the coal to demonstrate compliance with the fuel characteristics requirements.

(b) All such records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

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

The permittee shall maintain a logbook for recording observed/detected instances of excessive visible emissions, visible fugitive emissions and malodorous emissions, the name of the company representative who observed or detected these instances and the date and time of each such occurrence. The permittee shall also record the corrective action(s) taken to abate each recorded instance of excessive emissions.

014 [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 and 135.21. 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.**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

**SECTION C. Site Level Requirements****# 016 [25 Pa. Code §127.442]****Reporting requirements.**

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

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

(c) The report shall describe the following:

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

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

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

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

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

017 [25 Pa. Code §135.21]**Emission statements**

(a) The permittee shall provide the Department with a statement for each stationary source in a form as prescribed by the Department, showing the actual emissions of oxides of nitrogen and volatile organic compounds from the permitted facility for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based.

(b) The annual emission statements are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.

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

**SECTION C. Site Level Requirements**

(1) A more frequent submission is required by the EPA.

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

018 [25 Pa. Code §135.3]**Reporting**

(a) 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, by March 1 of each year, submit a 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.

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

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

VI. WORK PRACTICE REQUIREMENTS.**# 019 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

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

(2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

(4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

VII. ADDITIONAL REQUIREMENTS.**# 020 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

021 [25 Pa. Code §123.31]**Limitations**

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

**SECTION C. Site Level Requirements****# 022 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Pennsylvania DEP is now accepting permit and authorization applications, as well as other documents and correspondence, electronically through DEP's Public Submission Page in Greenport. Access the web page below to submit documents:

<https://greenport.pa.gov/ePermitPublicAccess/PublicSubmission/Home>

Documents currently submitted through other electronic means such as stack test reports, emission inventory, continuous emission monitoring reports, and asbestos notifications should continue to be submitted using the previously established systems.

023 [25 Pa. Code §129.14]**Open burning operations**

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

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: 033

Source Name: BOILER 7 (E KEELER)

Source Capacity/Throughput: 81.000 MMBTU/HR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source 033 in excess of the rate determined by the following formula:

$$A = 3.6 \times E^{(-0.56)}$$

where,

A = allowable emissions in pounds per million Btus of heat input, and
E = heat input to the combustion unit in millions of Btus per hour.

002 [25 Pa. Code §123.22]**Combustion units**

Source 033 shall not emit sulfur oxides, expressed as sulfur dioxide (SO₂), in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

003 [25 Pa. Code §127.206]**ERC general requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code 127.206 and 127.207]

The emission of Sulfur Oxides (SO_x) into the outdoor atmosphere from the Source ID 033 shall not exceed 0.13 tons 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, §127.12, and 19-00001C]

(a) The air contaminant emissions from the natural gas-fired boiler incorporated in Source 033 shall not exceed the following limitations:

(1) nitrogen oxides (NO_x, expressed as NO₂) - 0.036 pounds per million Btu, 2.92 pounds per hour, and 7.99 tons in any 12 consecutive month period.

(2) carbon monoxide- 0.074 pounds per million Btu, 5.99 pounds per hour, and 16.28 tons in any 12 consecutive month period.

(3) volatile organic compounds – 1.19 tons in any 12 consecutive month period.

(4) particulate matter less than 10 microns – 1.64 tons in any 12 consecutive month period.

**SECTION D. Source Level Requirements**

(5) particulate matter less than 2.5 microns – 1.64 tons in any 12 consecutive month period.

(6) hazardous air pollutants – 0.41 tons in any 12 consecutive month period.

Fuel Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Source 033 shall only be fired on natural gas.

Throughput Restriction(s).

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, 127.12, 19-00001C, Subchapter E, and 40 CFR Section 52.21]

The natural gas usage for Source ID 033 shall not exceed 431.2 million cubic feet in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

By no later than January 31, 2027, and every five years thereafter, the permittee shall conduct stack testing on Source 033 while operating at the maximum normal rated capacity to determine the carbon monoxide and nitrogen oxides emission rates.

III. MONITORING 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, §127.12, and 19-00001C]

The permittee shall equip Source ID 033 with a fuel meter to monitor the fuel usage.

IV. RECORDKEEPING REQUIREMENTS.

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, 127.12, 19-00001C, §§127.511, 25 Pa. Code Subchapter E, and 40 CFR Section 52.21]

The permittee shall equip Source ID 033 with a fuel meter to monitor the fuel usage and shall monitor the fuel usage. To verify compliance with the annual throughput limitation, the permittee shall keep monthly records of the natural gas usage in Source ID 033.

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, 127.12, 19-00001C, §§127.511, 129.95, and 40 CFR 60.48c(g)(2)]

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

**SECTION D. Source Level Requirements**

(1) the hours Source 033 is operated each month.

(2) the amount of fuel used in Source 033 each month.

(3) stack test reports.

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

V. REPORTING 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, 127.12, 19-00001C, and §127.511]

(a) The permittee shall submit semi-annual reports to the Department which reports the amount of fuel used in Source 033 each month for each respective six-month period as well as the number of hours Source 033 is operated each month during the respective six-month period.

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

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.**# 012 [25 Pa. Code §127.206]****ERC general requirements.**

Upon initial start-up of burning natural gas in Source ID 033, the burning of fuel oil in Source ID 033 of Title V Operating Permit 19-00001 shall be permanently converted from fuel oil to natural gas. Upon conversion of Source 033 from fuel oil to natural gas the permittee may submit an ERC application in accordance with the provisions of 25 Pa. Code Sections 127.206 and 127.207.

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, 127.12, and 19-00001C]

Source 033 is an 81 million Btu per hour E. Keeler Model 15118-3, Type DS10-185 natural-gas-fired boiler located in Building 18 and identified by the permittee as Boiler #7. It is equipped with a Faber Burner model WB-1-26.5-IFGR low-NOx burner and flue gas recirculation.

014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units****Applicability and delegation of authority.**

Boiler #7 is subject to Subpart Dc of the Federal Standards of Performance for New Stationary Sources, 40 CFR 60.40c - 60.48c. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance, including any recordkeeping and reporting requirements.

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: BOILER 4 (COMBUSTION ENGINEERING)

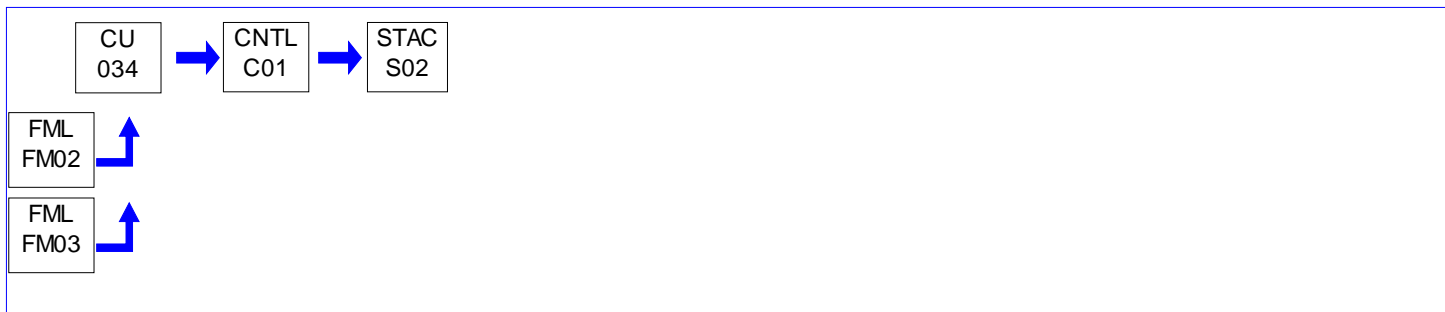
Source Capacity/Throughput:

48.000 MMBTU/HR

5.000 Tons/HR

Anthracite

Conditions for this source occur in the following groups: 4

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source 034 in excess of the rate determined by the following formula:

$$A = 3.6 \times E^{(-0.56)}$$

where,

A = allowable emissions in pounds per million Btus of heat input, and
E = heat input to the combustion unit in millions of Btus per hour.

002 [25 Pa. Code §123.22]**Combustion units**

Source 034 shall not emit sulfur oxides, expressed as sulfur dioxide (SO₂), in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §129.91]

(a) Source 034 shall not emit nitrogen oxides, expressed as nitrogen dioxide (NO₂), in excess of the rate of 0.55 pounds per million Btu of heat input.

(b) The operation of Source 034 shall be restricted such that the total nitrogen oxides emissions in any 12 consecutive month period does not exceed 57.8 tons.

004 [25 Pa. Code §129.100]**Compliance demonstration and recordkeeping requirements.**

The permittee shall demonstrate compliance with the applicable regulations specified in 25 Pa. Code §§129.96-129.100 as specified in 25 Pa. Code §129.100(a)(4) and §129.100(d).

**SECTION D. Source Level Requirements****# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What standards must I meet?**

(a) Emissions from the operation of Source ID 034 shall not exceed the limits specified below:

- i. Carbon monoxide: 420 parts per million volume on a dry gas basis (ppmdv), corrected to 3 percent O₂ and
- ii. Mercury: 0.000022 lb/MMBtu of heat input

Fuel Restriction(s).**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee electing this restriction to help achieve synthetic minor status]

(a) The coal fired in this source shall comply with the following fuel characteristics:

- (1) the ash content shall not exceed 10.73% by weight
- (2) the sulfur content shall not exceed 0.65% by weight, and
- (3) the heat content shall not exceed 12,500 Btu/pound of coal.

Throughput Restriction(s).**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee electing this restriction to achieve synthetic minor status]

The permittee shall not burn more than 3300 tons of coal in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §129.91]

The operation of Source 034 shall be restricted such that total fuel usage in any 12 consecutive month period does not exceed 9,150 tons.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §129.91]

By no later than January 23, 2025, and every five years thereafter, the permittee shall conduct stack testing on Source 034 while operating at the maximum normal rated capacity to determine the particulate matter and nitrogen oxides emission rates.

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

**SECTION D. Source Level Requirements**

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

(c) Pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

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

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

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

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

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

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11212]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What stack tests and procedures must I use for the performance tests?**

The permittee shall comply with the applicable stack test requirements specified in 40 CFR Section 63.11212.

III. MONITORING REQUIREMENTS.**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11211]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the emission limits?**

If the permittee elects to demonstrate compliance with the mercury emission limit through fuel analyses, the permittee shall comply with the fuel analysis requirements specified in 40 CFR Section 63.11211(c).

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11213]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What fuel analyses and procedures must I use for the performance tests?**

The permittee shall comply with the applicable fuel sampling requirements specified in 40 CFR Section 63.11213.

**SECTION D. Source Level Requirements****# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11221]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I monitor and collect data to demonstrate continuous compliance?**

The permittee shall comply with the applicable monitoring requirements specified in 40 CFR Section 63.11221.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11224]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall comply with the applicable monitoring, installation, operation, and maintenance requirements specified in 40 CFR Section 63.11224.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §129.95]

(a) The permittee shall keep records of the following for Source 034:

- (1) the amount (weight) of anthracite coal used each month.
- (2) the hours operated each month.
- (3) the ash content of the coal by weight.
- (4) the sulfur content of the coal by weight.
- (5) the heat content of the coal in Btu/pound.
- (6) the amount of nitrogen oxides, expressed as nitrogen dioxide, emitted each month as well as a copy of all calculations performed in deriving these values and a copy of all supporting data.
- (7) stack test reports.

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

016 [25 Pa. Code §129.100]**Compliance demonstration and recordkeeping requirements.**

(a) The permittee shall keep comprehensive and accurate records of each tune-up as specified in 25 Pa. Code §129.100(g).

The record must include, at a minimum:

- (1) The date of the tuning procedure.
- (2) The name of the service company and the technician performing the procedure.
- (3) The final operating rate or load.
- (4) The final NO_x and CO emission rates.
- (5) The final excess oxygen rate.

**SECTION D. Source Level Requirements**

(6) Other information required by the applicable operating permit.

(b) The records shall be retained for 5 years and made available to the Department upon request as specified in §129.100(i).

017 [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 comply with the applicable notification, reporting, and recordkeeping requirements specified in 40 CFR Section 63.11225.

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

(a) The permittee shall submit semi-annual reports to the Department of the following:

(1) The amount (weight) of anthracite coal used each month in Source 034.

(2) The ash content of the coal by weight.

(3) The sulfur content of the coal by weight.

(4) The heat content of the coal in Btu/pound.

(5) The amount of nitrogen oxides, expressed as nitrogen dioxide, emitted from Source 034 each month (The reports need not, however, include a copy of the calculations performed in deriving these values or a copy of any supporting data unless this information is specifically requested by the Department).

(6) The number of hours Source 034 is operated each month.

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

019 [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 comply with the applicable notification, reporting, and recordkeeping requirements specified in 40 CFR Section 63.11225.

020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]**Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

In accordance with 40 CFR §§ 60.4 and 63.10, copies of all requests, reports, applications, submittals, and other communications shall also be submitted to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) accessible at <https://cdx.epa.gov> unless electronic reporting is not available, in which case a copy shall be sent to the following address:

R3_Air_Apps_and_Notices@epa.gov

And

**SECTION D. Source Level Requirements**

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

And

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

VI. WORK PRACTICE REQUIREMENTS.**# 021 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

The permittee shall conduct a biennial tune-up as specified in 25 Pa. Code §129.97(b)(1) where the tune-up shall be performed in accordance with the procedures in 40 CFR §63.11223 and shall include, at a minimum, the following:

- (1) Inspection and cleaning or replacement of fuel-burning equipment, including the burners and components, as necessary, for proper operation as specified by the manufacturer.
- (2) Inspection of the flame pattern and adjustment of the burner, as necessary, to optimize the flame pattern to minimize total emissions of NO_x and, to the extent possible, emissions of CO.
- (3) Inspection and adjustment, as necessary, of the air-to-fuel ratio control system to ensure proper calibration and operation as specified by the manufacturer.

022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What standards must I meet?**

The permittee shall comply with the applicable work practice standards, emission reduction measures, management practices, and operating limits specified in 40 CFR Section 63.11201.

023 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**Subpart JJJJJJ - 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 comply with the applicable work practice and management practice standards specified in 40 CFR Section 63.11223(e).

VII. ADDITIONAL REQUIREMENTS.**# 024 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source 034 is a 48 million Btu per hour Combustion Engineering Model 14177 anthracite coal-fired traveling grate stoker boiler located in Building 18 and identified by the permittee as Boiler #4. The air contaminant emissions from Source 034 shall be controlled by a set of American Blower Corporation RT model 342 multiclones (Control Device C01).

This source was derated to not exceed 48 million Btu per hour. The physical derating of this source shall not be altered to allow the heat input capacity to exceed 48 million Btu per hour.

**SECTION D. Source Level Requirements****# 025 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11193]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****Am I subject to this subpart?**

Source ID 034 is subject to Subpart JJJJJJ of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.11193 through 63.11237 (National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources). The permittee shall comply with all applicable requirements specified in this Subpart.

026 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11196]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my compliance dates?**

The permittee shall comply with the applicable requirements specified in 40 CFR Part 63 Subpart JJJJJJ by the date specified in 40 CFR Section 63.11196(a).

027 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

The permittee shall comply with the applicable general requirements specified in 40 CFR Section 63.11205.

028 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11210]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my initial compliance requirements and by what date must I conduct them?**

The permittee shall comply with the applicable initial compliance requirements specified in 40 CFR Sections 63.11210(a), (b), and (c).

029 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11211]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the emission limits?**

The permittee shall comply with the applicable initial compliance demonstration requirements specified in 40 CFR Section 63.11211.

030 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11214]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?**

The permittee shall comply with the applicable initial compliance requirements specified in 40 CFR Sections 63.11214(c) and (d).

031 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11220]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****When must I conduct subsequent performance tests?**

The permittee shall comply with the applicable continuous compliance requirements specified in 40 CFR Section 63.11220.

032 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11222]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the emission limits?**

The permittee shall comply with the applicable continuous compliance demonstration requirements specified in 40 CFR Section 63.11222.

**SECTION D. Source Level Requirements**

Source ID: 035

Source Name: BOILER 1 (E KEELER)

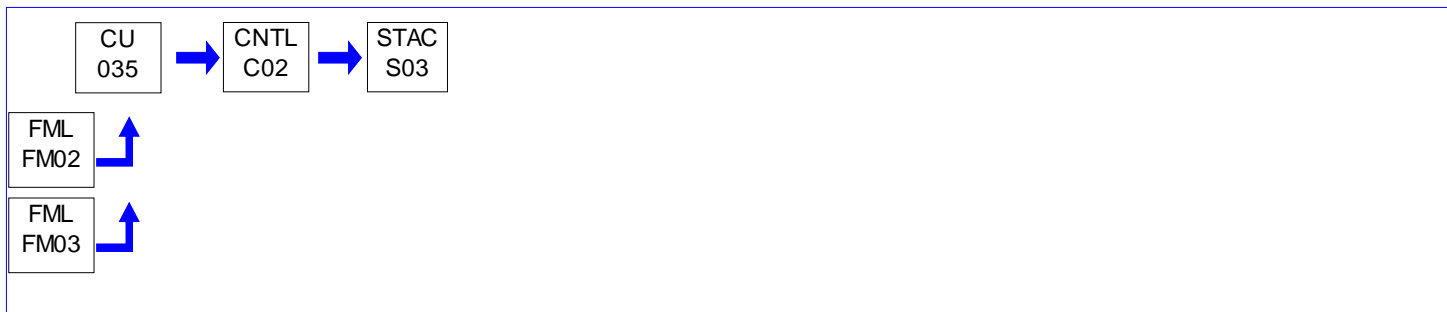
Source Capacity/Throughput:

86.600 MMBTU/HR

5.000 Tons/HR

Anthracite

Conditions for this source occur in the following groups: 4

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source 035 in excess of the rate determined by the following formula:

$$A = 3.6 \times E^{(-0.56)}$$

where,

A = allowable emissions in pounds per million Btus of heat input, and
E = heat input to the combustion unit in millions of Btus per hour.

002 [25 Pa. Code §123.22]**Combustion units**

Source 035 shall not emit sulfur oxides, expressed as sulfur dioxide (SO₂), in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91]

(a) Source 035 shall not emit nitrogen oxides, expressed as nitrogen dioxide (NO₂), in excess of the rate of 0.42 pounds per million Btu of heat input.

(b) The operation of Source 035 shall be restricted such that the total nitrogen oxides emissions in any 12 consecutive month period do not exceed 74.1 tons.

004 [25 Pa. Code §129.97]**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

[Additional authority for this permit condition is derived from 25 Pa. Code §129.97(g)(1)(v)]

Source 035 shall not emit nitrogen oxides, expressed as nitrogen dioxide (NO₂), in excess of the rate of 0.45 pounds per million Btu of heat input.

**SECTION D. Source Level Requirements****# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What standards must I meet?**

(a) Emissions from the operation of Source ID 035 shall not exceed the limits specified below:

i. Carbon monoxide: 420 parts per million volume on a dry gas basis (ppmdv), corrected to 3 percent O₂ and

ii. Mercury: 0.000022 lb/MMBtu of heat input 63.11201

Fuel Restriction(s).**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee electing this restriction to help achieve synthetic minor status]

(a) The coal fired in this source shall comply with the following fuel characteristics:

(1) the ash content shall not exceed 10.73% by weight

(2) the sulfur content shall not exceed 0.65% by weight, and

(3) the heat content shall not exceed 12,500 Btu/pound of coal.

Throughput Restriction(s).**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code §129.91]

The operation of Source 035 shall be restricted such that total fuel usage in any 12 consecutive month period does not exceed 15,350 tons.

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

[Additional authority for this permit condition is derived from the permittee electing this restriction to achieve synthetic minor status]

The permittee shall not burn more than 4400 tons of coal in any 12 consecutive month period.

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

By no later than January 23, 2025, and every five years thereafter, the permittee shall conduct stack testing on Source 035 while operating at the maximum normal rated capacity to determine the particulate matter and nitrogen oxides emission rates.

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One hardcopy and one electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager and one hardcopy and one electronic

**SECTION D. Source Level Requirements**

copy shall be sent to the Department's Source Testing Division in Harrisburg. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

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

(c) Pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

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

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

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

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

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

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11212]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

What stack tests and procedures must I use for the performance tests?

The permittee shall comply with the applicable stack test requirements specified in 40 CFR Section 63.11212.

III. MONITORING REQUIREMENTS.

011 [25 Pa. Code §129.100]

Compliance demonstration and recordkeeping requirements.

(a) The permittee shall demonstrate compliance with the applicable regulations specified in 25 Pa. Code §§129.96-129.100 as specified in 25 Pa. Code §129.100(a)(4) and §129.100(d).

(b) The records shall be retained for 5 years and made available to the Department upon request as specified in §129.100(i).

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11211]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

How do I demonstrate initial compliance with the emission limits?

**SECTION D. Source Level Requirements**

If the permittee elects to demonstrate compliance with the mercury emission limit through fuel analyses, the permittee shall comply with the fuel analysis requirements specified in 40 CFR Section 63.11211(c).

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11213]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What fuel analyses and procedures must I use for the performance tests?**

The permittee shall comply with the applicable fuel sampling requirements specified in 40 CFR Section 63.11213.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11221]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I monitor and collect data to demonstrate continuous compliance?**

The permittee shall comply with the applicable monitoring requirements specified in 40 CFR Section 63.11221.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11224]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall comply with the applicable monitoring, installation, operation, and maintenance requirements specified in 40 CFR Section 63.11224.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §129.95]

(a) The permittee shall keep records of the following for Source 035:

- (1) the amount (weight) of anthracite coal used each month.
- (2) the hours operated each month.
- (3) the ash content of the coal by weight.
- (4) the sulfur content of the coal by weight.
- (5) the heat content of the coal in Btu/pound.
- (6) the amount of nitrogen oxides, expressed as nitrogen dioxide, emitted each month as well as a copy of all calculations performed in deriving these values and a copy of all supporting data.
- (7) stack test reports.

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

017 [25 Pa. Code §129.100]**Compliance demonstration and recordkeeping requirements.**

(a) The permittee shall demonstrate compliance with the applicable regulations specified in 25 Pa. Code §§129.96-129.100 as specified in 25 Pa. Code §129.100(a)(4) and §129.100(d).

**SECTION D. Source Level Requirements**

(b) The records shall be retained for 5 years and made available to the Department upon request as specified in §129.100(i).

018 [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 comply with the applicable notification, reporting, and recordkeeping requirements specified in 40 CFR Section 63.11225.

V. REPORTING REQUIREMENTS.**# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit semi-annual reports to the Department of the following:

(1) The amount (weight) of anthracite coal used each month in Source 035.

(2) The ash content of the coal by weight.

(3) The sulfur content of the coal by weight.

(4) The heat content of the coal in Btu/pound.

(5) The amount of nitrogen oxides, expressed as nitrogen dioxide, emitted from Source 035 each month (The reports need not, however, include a copy of the calculations performed in deriving these values or a copy of any supporting data unless this information is specifically requested by the Department).

(6) The number of hours Source 035 is operated each month.

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

020 [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 comply with the applicable notification, reporting, and recordkeeping requirements specified in 40 CFR Section 63.11225.

021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]**Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

In accordance with 40 CFR §§ 60.4 and 63.10, copies of all requests, reports, applications, submittals, and other communications shall also be submitted to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) accessible at <https://cdx.epa.gov> unless electronic reporting is not available, in which case a copy shall be sent to the following address:

R3_Air_Apps_and_Notices@epa.gov

And

**SECTION D. Source Level Requirements**

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

And

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

VI. WORK PRACTICE REQUIREMENTS.**# 022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What standards must I meet?**

The permittee shall comply with the applicable work practice standards, emission reduction measures, management practices, and operating limits specified in 40 CFR Section 63.11201.

023 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**Subpart JJJJJJ - 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 comply with the applicable work practice and management practice standards specified in 40 CFR Section 63.11223(e).

VII. ADDITIONAL REQUIREMENTS.**# 024 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source 035 is a 86.6 million Btu per hour E. Keeler Model 13775 anthracite coal-fired boiler located in Building 18 and identified by the permittee as Boiler #1. The air contaminant emissions from Source 035 are controlled by a Research Cottrell mechanical collector (Control Device C02).

025 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11193]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****Am I subject to this subpart?**

Source ID 035 is subject to Subpart JJJJJJ of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.11193 through 63.11237 (National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources). The permittee shall comply with all applicable requirements specified in this Subpart.

026 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11196]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my compliance dates?**

The permittee shall comply with the applicable requirements specified in 40 CFR Part 63 Subpart JJJJJJ by the date specified in 40 CFR Section 63.11196(a).

**SECTION D. Source Level Requirements****# 027 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

The permittee shall comply with the applicable general requirements specified in 40 CFR Section 63.11205.

028 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11210]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my initial compliance requirements and by what date must I conduct them?**

The permittee shall comply with the applicable initial compliance requirements specified in 40 CFR Sections 63.11210(a), (b), and (c).

029 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11211]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the emission limits?**

The permittee shall comply with the applicable initial compliance demonstration requirements specified in 40 CFR Section 63.11211.

030 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11214]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?**

The permittee shall comply with the applicable initial compliance requirements specified in 40 CFR Sections 63.11214(c) and (d).

031 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11220]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****When must I conduct subsequent performance tests?**

The permittee shall comply with the applicable continuous compliance requirements specified in 40 CFR Section 63.11220.

032 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11222]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the emission limits?**

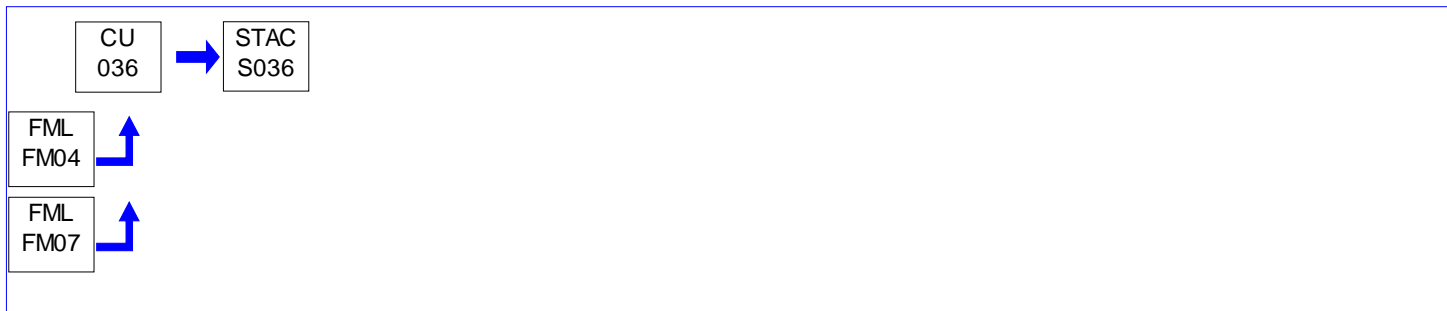
The permittee shall comply with the applicable continuous compliance demonstration requirements specified in 40 CFR Section 63.11222.

**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: 11 SPACE HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

None of the space heaters incorporated in Source 036 shall emit sulfur oxides, expressed as sulfur dioxide (SO₂), 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 space heaters incorporated in Source 036 shall be fired on propane or natural gas only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code §129.93]

**SECTION D. Source Level Requirements**

The space heaters incorporated in Source 036 shall be maintained and operated in accordance with the manufacturers' specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

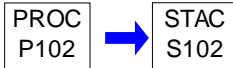
Source 036 consists of eleven 100,000 Btu per hour propane- or natural gas-fired space heaters.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: 7 POLYURETHANE FOAM PROCESS LINES

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

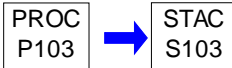
Source P102 consists of 7 polyurethane foam process lines identified by the permittee as G-1, G-2, G-3, G-4, G-5, G-6, and G-7. All 7 lines are located in building 50B and have their own single emission points. All 7 lines use non-hazardous water-based foam constituents in the process.

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: 3 STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.57]****Storage tanks less than or equal to 40,000 gallons capacity containing VOCs**

The permittee shall not store any liquid containing volatile organic compounds with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions in any storage tank incorporated in Source P103 unless the tank is equipped with a pressure relief valve which is maintained in good operating condition and which is set to release at no less than 0.7 psig of pressure or 0.3 psig of vacuum, or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

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.**

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

The permittee shall keep records of the vapor pressure of any liquid containing volatile organic compounds stored in each storage tank incorporated in Source P103 unless the tank is equipped with a pressure relief valve. All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source P103 consists of the following:

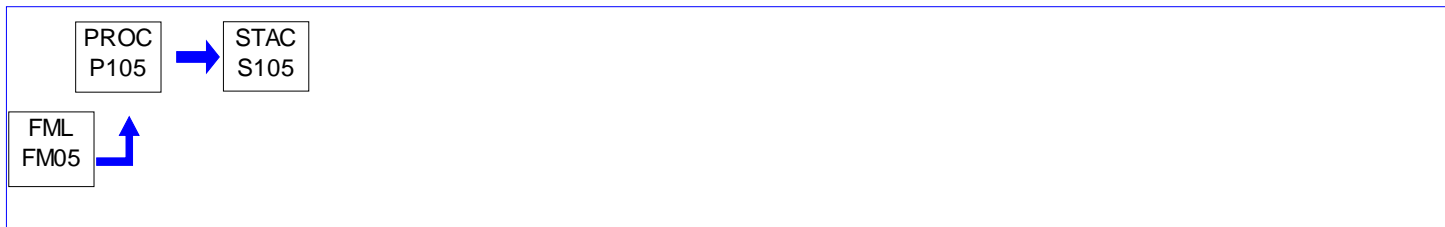
- (1) one 8,000-gallon Isocyanate storage tank
- (2) two 8,000-gallon Polyol storage tanks

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: DIESEL FIRE PUMP

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gases of Source P105 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 (SO₂), in the effluent gases of Source P105 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.

Source P105 shall be fired on diesel fuel only.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 40 CFR §63.6640(f)]

The generator incorporated in Source P105 shall not be operated in excess of 100 hours in any 12 consecutive month period. This 100-hour limitation only applies to non-emergency use. There is no limit on the number of hours of emergency operation.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code §129.93]

Source P105 shall not be operated in excess of 500 hours 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.****# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

For the engine incorporated in Source ID P105, the permittee has the option of utilizing the oil analysis program specified in 40 CFR Section 63.6625(i). If the permittee chooses to utilize that oil analysis program, the permittee shall comply with the applicable requirements specified in 40 CFR Sections 63.6625(i).

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6635]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I monitor and collect data to demonstrate continuous compliance?**

The permittee shall comply with the applicable monitoring and data collection requirements specified in 40 CFR Section 63.6635.

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

[Additional authority for this permit condition is derived from Pa. Code §§129.95 and 127.511]

The permittee shall maintain records of the number of hours Source P105 is operated each month. All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

The permittee shall comply with the applicable recordkeeping requirements specified in 40 CFR Sections 63.6655(a), (d), (e), (f) and 63.6660.

V. REPORTING REQUIREMENTS.**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]****Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

In accordance with 40 CFR §§ 60.4 and 63.10, copies of all requests, reports, applications, submittals, and other communications shall also be submitted to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) accessible at <https://cdx.epa.gov> unless electronic reporting is not available, in which case a copy shall be sent to the following address:

R3_Air_Apps_and_Notices@epa.gov

And

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

And

**SECTION D. Source Level Requirements**

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

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****When do I have to comply with this subpart?**

The permittee shall comply with the applicable notification requirement specified in 40 CFR Section 63.6595(c).

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6630]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate initial compliance with the emission limitations and operating limitations?**

The permittee shall comply with the applicable notification requirement specified in 40 CFR Section 63.6630(c).

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What reports must I submit and when?**

The permittee shall comply with the applicable reporting requirements specified in 40 CFR Sections 63.6650(b), (c), (d), and (f).

VI. WORK PRACTICE REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code §129.93]

Source P105 shall be maintained and operated in accordance with the manufacturer's specifications and good air pollution control practices.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

The permittee shall comply with the applicable operating requirements specified in 40 CFR Section 63.6603(a).

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall comply with the applicable monitoring, installation, collection, operation, and maintenance requirements specified in 40 CFR Sections 63.6625(e), (f), and (h).

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

The permittee shall comply with the applicable continuous compliance requirements specified in 40 CFR Sections 63.6640(a), (b), (e), and (f).

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P105 is a 113 horsepower (2.45 million Btu per hour) Cummins Model N-495-FP 4SRB diesel-fired fire pump.

019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

Source ID P105 is subject to Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.6580 through 63.6675 (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). The permittee shall comply with all applicable requirements specified in this Subpart.

020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****When do I have to comply with this subpart?**

The permittee shall comply with the applicable requirements specified in 40 CFR Part 63 Subpart ZZZZ by the date specified in 40 CFR Section 63.6595.

021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my general requirements for complying with this subpart?**

The permittee shall comply with the applicable general requirements specified in 40 CFR Section 63.6605.

022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6665]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What parts of the General Provisions apply to me?**

The permittee shall comply with the applicable general provisions requirements specified in 40 CFR Section 63.6665.

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: EMERGENCY GENERATOR (RACT)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 2

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The gasoline-fired generator incorporated in Source P106 shall be fired on gasoline only.

Operation Hours Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 40 CFR §63.6640(f)]

The generator incorporated in Source P106 shall not be operated in excess of 100 hours in any 12 consecutive month period. This 100-hour limitation only applies to non-emergency use. There is no limit on the number of hours of emergency operation.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code §129.93]

The generator incorporated in Source P106 shall not be operated in excess of 500 hours 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) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**What are my monitoring, installation, operation, and maintenance requirements?**

For engine 922, incorporated in Source ID P106, the permittee has the option of utilizing the oil analysis program specified in 40 CFR Section 63.6625(j). If the permittee chooses to utilize that oil analysis program, the permittee shall comply with the applicable requirements specified in 40 CFR Sections 63.6625(j).

**SECTION D. Source Level Requirements****# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6635]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I monitor and collect data to demonstrate continuous compliance?**

The permittee shall comply with the applicable monitoring and data collection requirements specified in 40 CFR Section 63.6635.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§127.511 and 129.95]

The permittee shall maintain records of the number of hours the generator incorporated in Source P106 is operated each month. All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

The permittee shall comply with the applicable recordkeeping requirements specified in 40 CFR Sections 63.6655(a), (d), (e), (f) and 63.6660.

V. REPORTING REQUIREMENTS.**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]****Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

In accordance with 40 CFR §§ 60.4 and 63.10, copies of all requests, reports, applications, submittals, and other communications shall also be submitted to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) accessible at <https://cdx.epa.gov> unless electronic reporting is not available, in which case a copy shall be sent to the following address:

R3_Air_Apps_and_Notices@epa.gov

And

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

And

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

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**SECTION D. Source Level Requirements****When do I have to comply with this subpart?**

The permittee shall comply with the applicable notification requirement specified in 40 CFR Section 63.6595(c).

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6630]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate initial compliance with the emission limitations and operating limitations?**

The permittee shall comply with the applicable notification requirement specified in 40 CFR Section 63.6630(c).

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What reports must I submit and when?**

The permittee shall comply with the applicable reporting requirements specified in 40 CFR Sections 63.6650(b), (c), (d), and (f).

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

[Additional authority for this permit condition is derived from 25 Pa. Code §129.93]

The generator incorporated in Source P106 shall be maintained and operated in accordance with the manufacturer's specifications and good air pollution control practices.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

The permittee shall comply with the applicable operating requirements specified in 40 CFR Section 63.6603(a).

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall comply with the applicable monitoring, installation, collection, operation, and maintenance requirements specified in 40 CFR Sections 63.6625(e), (f), and (h).

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

The permittee shall comply with the applicable continuous compliance requirements specified in 40 CFR Sections 63.6640(a), (b), (e), and (f).

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

Source P106 consists of the following:

(1) one 1.4 million Btu per hour Pincor Model RF-4000DV gasoline-fired 4SRB emergency generator (Company ID No. 922).

**SECTION D. Source Level Requirements****# 017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

The engine incorporated into Source ID P106 are subject to Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.6580 through 63.6675 (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). The permittee shall comply with all applicable requirements specified in this Subpart.

018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****When do I have to comply with this subpart?**

The permittee shall comply with the applicable requirements specified in 40 CFR Part 63 Subpart ZZZZ by the dates specified in 40 CFR Section 63.6595.

019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my general requirements for complying with this subpart?**

The permittee shall comply with the applicable general requirements specified in 40 CFR Section 63.6605.

020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6665]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What parts of the General Provisions apply to me?**

The permittee shall comply with the applicable general provisions requirements specified in 40 CFR Section 63.6665.

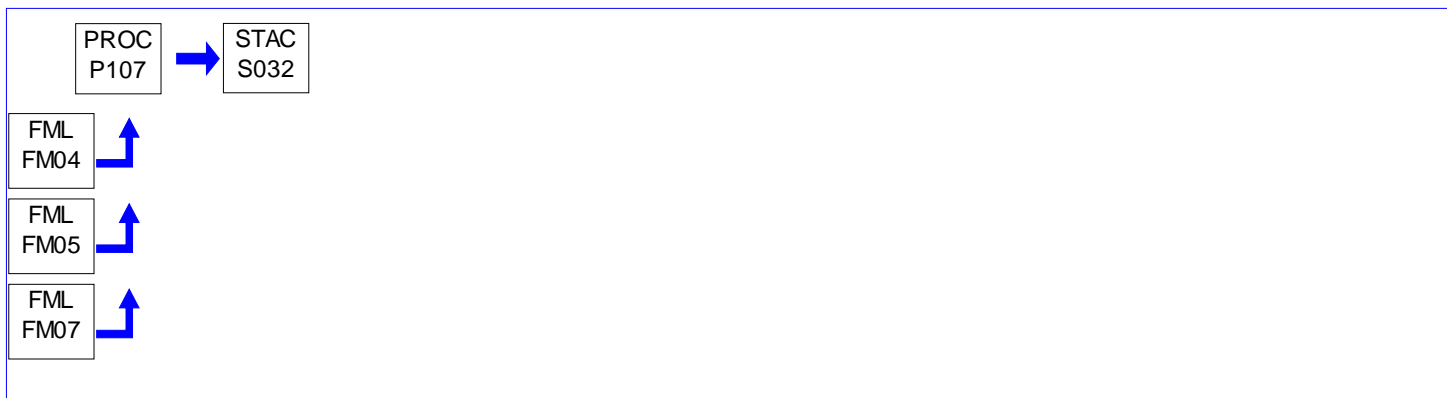
**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: EMERGENCY GENERATORS (NON-RACT)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 2

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

001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

- (a) The propane- and/or natural gas-fired generators incorporated in Source P107 shall be fired on propane or natural gas only.
- (b) The diesel-fired generators incorporated in Source P107 shall be fired on diesel fuel only.

Operation Hours Restriction(s).

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

[Additional authority for this permit condition is derived from 40 CFR §63.6640(f)]

Each generator incorporated in Source P107 shall not be operated in excess of 100 hours in any 12 consecutive month period. This 100-hour limitation only applies to non-emergency use. There is no limit on the number of hours of emergency operation.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

For engines 4788, 4758, and 5166, incorporated in Source ID P106, the permittee has the option of utilizing the oil analysis program specified in 40 CFR Section 63.6625(i). If the permittee chooses to utilize that oil analysis program, the permittee shall comply with the applicable requirements specified in 40 CFR Sections 63.6625(i).

For engines 4301 and 4965, incorporated in Source ID P106, the permittee has the option of utilizing the oil analysis

**SECTION D. Source Level Requirements**

program specified in 40 CFR Section 63.6625(j). If the permittee chooses to utilize that oil analysis program, the permittee shall comply with the applicable requirements specified in 40 CFR Sections 63.6625(j).

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6635]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I monitor and collect data to demonstrate continuous compliance?**

The permittee shall comply with the applicable monitoring and data collection requirements specified in 40 CFR Section 63.6635.

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

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

The permittee shall maintain records of the number of hours each generator incorporated in Source P107 is operated each month. All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

The permittee shall comply with the applicable recordkeeping requirements specified in 40 CFR Sections 63.6655(a), (d), (e), (f) and 63.6660.

V. REPORTING REQUIREMENTS.**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]****Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

In accordance with 40 CFR §§ 60.4 and 63.10, copies of all requests, reports, applications, submittals, and other communications shall also be submitted to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) accessible at <https://cdx.epa.gov> unless electronic reporting is not available, in which case a copy shall be sent to the following address:

R3_Air_Apps_and_Notices@epa.gov

And

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

And

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

**SECTION D. Source Level Requirements**

Williamsport, PA 17701-6448

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

When do I have to comply with this subpart?

The permittee shall comply with the applicable notification requirement specified in 40 CFR Section 63.6595(c).

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6630]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

How do I demonstrate initial compliance with the emission limitations and operating limitations?

The permittee shall comply with the applicable notification requirement specified in 40 CFR Section 63.6630(c).

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What reports must I submit and when?

The permittee shall comply with the applicable reporting requirements specified in 40 CFR Sections 63.6650(b), (c), (d), and (f).

VI. WORK PRACTICE REQUIREMENTS.**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]**

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?

The permittee shall comply with the applicable operating requirements specified in 40 CFR Section 63.6603(a).

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

The permittee shall comply with the applicable monitoring, installation, collection, operation, and maintenance requirements specified in 40 CFR Sections 63.6625(e), (f), and (h).

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

The permittee shall comply with the applicable continuous compliance requirements specified in 40 CFR Sections 63.6640(a), (b), (e), and (f).

VII. ADDITIONAL REQUIREMENTS.**# 014 [25 Pa. Code §127.441]**

Operating permit terms and conditions.

Source P107 consists of the following:

(1) one 30 kW Caterpillar Model E0858A propane- or natural-gas-fired 4SLB emergency generator located in Building 24 (Company ID No. 4301),

**SECTION D. Source Level Requirements**

(2) one 84.5 kW Olympian Model G60F3 emergency generator incorporating a 113.2 horsepower Ford Model WSG1068 natural-gas-fired 4SLB engine located in Building 60 (Company ID No. 4965),

(3) one 125 kW Caterpillar Model D125P1 diesel-fired 4SLB emergency generator located in Building 24 (Company ID No. 4788),

(4) one 200 kW Olympian Model D200P4 emergency generator incorporating a 325 horsepower Perkins Model 1306E87TA300 diesel-fired 4SLB engine located in Building 18 (Company ID No. 5166),

(5) one 200 kW Caterpillar diesel-fired 4SLB emergency generator located in Building 50A (Company ID No. 4758),

(6) one 150 kW Olympian model D150P1 emergency generator incorporating a 219 horsepower Perkins Engine model 1006TAG1 diesel-fired engine (Company ID No. 5909), and

(7) 44 bhp (0.11 MMBtu/hr) General Motors model Industrial Powertrain 4SRB propane-fired engine.

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

The engines incorporated into Source ID P107 are subject to Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.6580 through 63.6675 (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). The permittee shall comply with all applicable requirements specified in this Subpart.

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****When do I have to comply with this subpart?**

The permittee shall comply with the applicable requirements specified in 40 CFR Part 63 Subpart ZZZZ by the dates specified in 40 CFR Section 63.6595.

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my general requirements for complying with this subpart?**

The permittee shall comply with the applicable general requirements specified in 40 CFR Section 63.6605.

018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6665]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What parts of the General Provisions apply to me?**

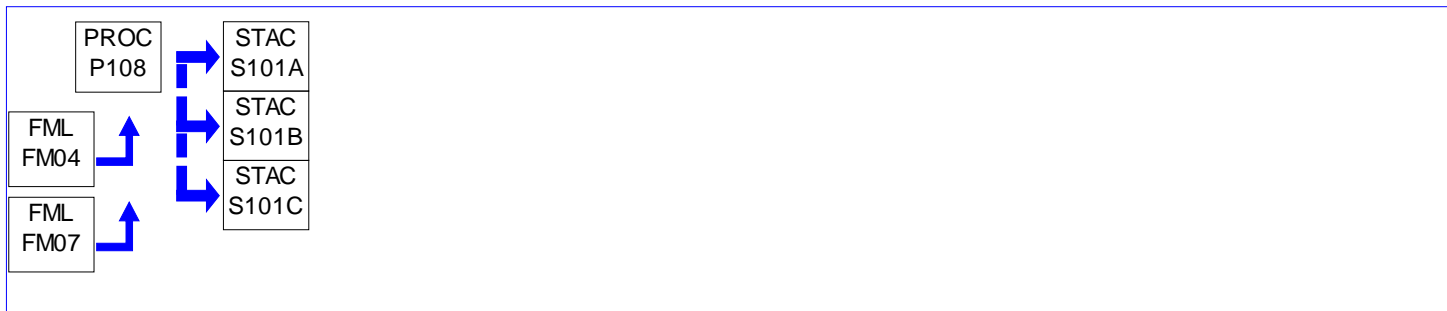
The permittee shall comply with the applicable general provisions requirements specified in 40 CFR Section 63.6665.

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: CARPET DRYER 8

Source Capacity/Throughput:

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

The concentration of particulate matter in the effluent gases of Source P108 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 (SO₂), in the effluent gases of Source P108 shall not exceed 500 parts per million, by volume, dry basis.

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

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

The volatile organic compound emissions from Source P108 shall not exceed 1.23 tons in any 12 consecutive month period.

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

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

Source P108 shall be fired on propane or natural gas only.

Throughput Restriction(s).**# 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]

(a) Source P108 shall not process more than 10 million pounds of latex backing or coating material in any 12 consecutive month period.

(b) Source P108 shall not use more than 432,000 gallons of propane in any 12 consecutive month period if the dryer is being fired solely on propane.

**SECTION D. Source Level Requirements**

(c) Source P108 shall not use more than 40 million cubic feet of natural gas in any 12 consecutive month period if the dryer is being fired solely on natural gas.

(d) Source P108 shall not exceed a combined heat input from natural gas and propane of 40 billion Btu in any 12 consecutive month period that both propane and natural gas are fired.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§127.1, 127.12 and 127.511]

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

- (1) The amount of propane used in Source P108 each month.
- (2) The amount of natural gas used in Source P108 each month.

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

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, 127.12 and 127.511]

(a) The permittee shall maintain records of the amount, by weight, of each different latex backing or coating material processed through Source P108 each month.

(b) The permittee shall maintain records of the volatile organic compound content of each different latex backing or coating material processed through Source P108 and the specific identity of the volatile organic compounds contained in each backing or coating material.

(c) The permittee shall keep on hand copies of up-to-date vendor or manufacturer-supplied material composition sheets (Material Safety Data Sheets, etc.) to verify the volatile organic compound content of the materials processed through Source P108.

All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

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

**SECTION D. Source Level Requirements**

The permittee shall maintain records of the amount of volatile organic compounds emitted from Source P108 each month as well as a copy of all calculations performed in deriving these values and a copy of all supporting data. All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

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

The permittee shall submit annual reports to the Department which list the volatile organic compound emissions from Source P108 during each month of the respective year. Annual reports shall be submitted to the Department by no later than March 1 of each year for the preceding calendar year.

VI. WORK PRACTICE 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]

The only carpet backing or coating material to be processed in Source P108 shall be latex backing or coating material.

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]

No latex backing or coating material containing more than 0.20% volatile organic compounds shall be processed through Source P108 at any time.

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

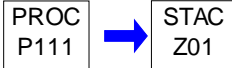
Source P108 is a 16.836 million Btu per hour Proctor and Swarts Model 150 propane- or natural gas-fired carpet dryer, identified by the permittee as Carpet Dryer #8.

**SECTION D. Source Level Requirements**

Source ID: P111

Source Name: 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 millimeters of mercury at 20°C (68°F) for each and every solvent used in the cold cleaning machines incorporated in Source P111. 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 such records 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 cold cleaning machine incorporated in Source P111 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.

**SECTION D. Source Level Requirements**

(5) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

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 cold cleaning machines incorporated in Source P111 shall be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

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

The permittee shall not use in any of the cold cleaning machines incorporated in Source P111 any halogenated solvent or any solvent with a vapor pressure of 1.0 millimeter of mercury or greater.

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

Each cold cleaning machine incorporated in Source P111 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 P111 consists of the following:

(1) one 8-gallon Safety-Kleen Model MDL17.4R remote reservoir cold cleaning machine

(2) three 8-gallon Safety-Kleen Model SK16 remote reservoir cold cleaning machines

(3) two 15-gallon Safety-Kleen Model MDL30 remote reservoir cold cleaning machines

(4) one 30-gallon Zep Model MDL5100 immersion cold cleaning machine

(5) one 30-gallon Safety-Kleen Model SK44R immersion cold cleaning machine

(6) one 30-gallon R&D Fountain Ind. Model MDL44 immersion cold cleaning machine

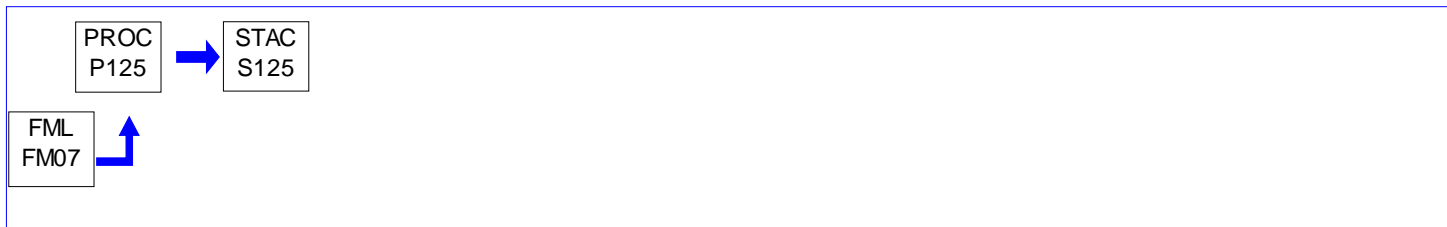
(7) one 7-gallon Zep Model F47201 immersion cold cleaning machine

**SECTION D. Source Level Requirements**

Source ID: P125

Source Name: CARPET DRYER (DYELINE 2)

Source Capacity/Throughput:

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

The concentration of particulate matter in the effluent gases of Source P125 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 (SO₂), in the effluent gases of Source P125 shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§127.1 and 127.12, and compliance with this permit condition assures compliance with 25 Pa. Code §123.41]

The visible air contaminant emissions from Source P125 shall not exceed 5% opacity at any time.

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 emissions from Source P125 shall not at any time exceed any of the following limitations:

- (1) 8.04 tons of nitrogen oxides, expressed as nitrogen dioxide (NO₂), in any 12 consecutive month period.
- (2) 8.16 tons of carbon monoxide in any 12 consecutive month period.
- (3) 5.9 tons of volatile organic compounds in any 12 consecutive month period.

Fuel Restriction(s).**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P125 shall be fired on natural gas only.

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

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

III. MONITORING REQUIREMENTS.

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

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

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

(a) The permittee shall maintain records of the calculations, vendor data, and/or stack test results which are used by the permittee to verify compliance with the 12 consecutive month emission limitations for nitrogen oxides, volatile organic compounds, and carbon monoxide.

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

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]

The permittee shall maintain comprehensive and accurate records of the amount of each dye and emulsion used each month for the carpet processed through Source P125. All such records shall be retained for at least 5 years and 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.**# 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]

Source P125 shall not be used to dry carpet which has not first been washed to remove oil prior to being dyed.

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]

All carpet that is processed through Source P125 shall first be subjected to the steaming, water rinsing and vacuuming process as proposed in Plan Approval Application No. 19-00001A and other supplemental materials submitted to the Department.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P125 is a 13.5 million Btu per hour Brucker Machinery Corporation Flow-Through Tenter Frame natural gas-fired carpet dryer equipped with 9 Maxon Overpak #415 OPR natural gas burners.

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]

Source P125 shall only be used to dry carpet which has had no backing or coating applied with the exception that the fluorocarbon emulsions HIPOWET KSP, HIPOGUARD FC-4000, and HIPOCHEM ILH may be applied to the carpet prior to being processed through the dryer.

**SECTION E. Source Group Restrictions.**

Group Name: 2

Group Description: 123.21, maintained and operated

Sources included in this group

ID	Name
P106	EMERGENCY GENERATOR (RACT)
P107	EMERGENCY GENERATORS (NON-RACT)

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

The concentration of particulate matter in the effluent gases of the generators 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 (SO₂), in the effluent gases from each generator shall not exceed 500 parts per million, by volume, dry basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: 4

Group Description: RACT Cond 10

Sources included in this group

ID	Name
034	BOILER 4 (COMBUSTION ENGINEERING)
035	BOILER 1 (E KEELER)

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Under no circumstances is anything other than anthracite coal to be burned in Sources 034 and 035.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**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.**

Operating permit No. TVOP 19-00001 was originally issued and became effective on September 7, 2000 and expired on August 31, 2005.

The operating permit was revised via administrative amendment on March 20, 2002 to incorporate the terms and conditions of Plan Approval 19-00001A for the operation of Source P125, a 13.5 million Btu per hour Brucker Machinery Corporation Flow-Through Tenter Frame natural gas-fired carpet dryer equipped with 9 Maxon Overpak #415 OPR natural gas burners.

The operating permit was renewed on January 23, 2007.

The operating permit was amended to reflect the change of ownership on February 1, 2011.

The operating permit was amended to reflect the change of ownership, incorporate Plan Approval 19-00001B, and renewed at the same time.

The operating permit was amended on December 14, 2023, to incorporate Plan Approval 19-00001C.

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) 13 steam and moisture vents that can be found at the following company locations: 11-1, 31-7, 35C-1, 35-1, 35-2, 35B-1, 35B-2, 45-1, 45-3, 45-4, 45-5, 45-6, 45-7.

(2) 17 mass back reheat tables that can be found at the following company locations: 42-1, 42-2, 42-3, 42-4, 42-5, 42-6, 50-1, 50-2, 50-3, 50-4, 50-5, 50-6, 50-7, 50-8, 50B-1, 50B-2, 50B-3. Total combined potential volatile organic compound emissions from these sources are less than 1 ton per year.

(3) Six Keldax Extruders located in Building #35. Total combined potential volatile organic compound emissions from these sources are less than 1 ton per year.

(4) A polrotor and fuzz collector operation.

(5) 8 small storage tanks, each less than 2,000 gallons:

- (a) one 500-gallon gasoline tank
- (b) one 300-gallon diesel tank
- (c) one 150-gallon diesel tank
- (d) four 275-gallon #2 oil tanks
- (e) one 300-gallon diesel tank

(6) Five silo pneumatic conveyors, each of which is controlled with a small drum-type fabric collector.

(7) Six moldable latex and polyethylene reheat tables that can be found at the following company locations: 50 and 51.



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