



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: November 27, 2024

Effective Date: November 27, 2024

Expiration Date: November 26, 2029

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

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

State Only Permit No: 47-00003

Synthetic Minor

Federal Tax Id - Plant Code: 23-6003113-6

Owner Information

Name: DANVILLE STATE HOSP
Mailing Address: 50 KIRKBRIDE DR
DANVILLE, PA 17821-8630

Plant Information

Plant: PA DPW/DANVILLE STATE HOSP
Location: 47 Montour County 47907 Mahoning Township
SIC Code: 8069 Services - Specialty Hospitals, Except Psychiatric

Responsible Official

Name: THOMAS J BURK
Title: CHIEF OPERATING OFFICER
Phone: (570) 271 - 4600 Email: tburk@pa.gov

Permit Contact Person

Name: MATTHEW TRAPANE
Title: UTILITY PLANT SUPERVISOR
Phone: (570) 271 - 4656 Email: mtrapane@pa.gov

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION

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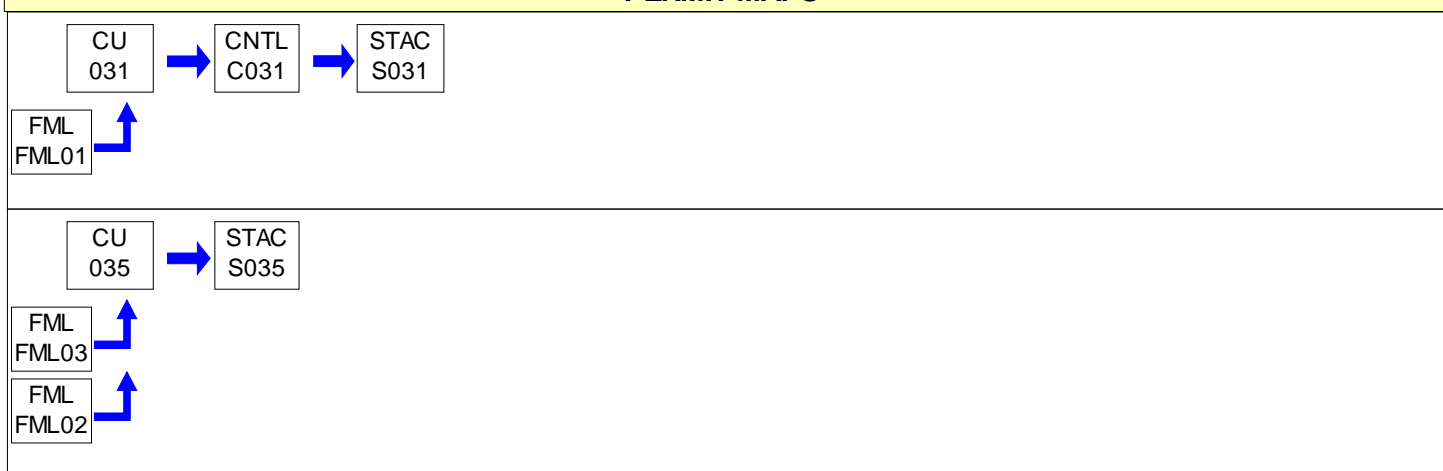
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	E KEELER BOILER 1	28.600 MMBTU/HR	
		1.080 Tons/HR	Anthracite
035	ENGLISH BOILER MDL 20-250	25.600 MMBTU/HR	
		186.000 Gal/HR	#2 Oil
		25.000 MCF/HR	Natural Gas
039	12 MMBTU/HR VS-2 GAS FIRED BOILER	12.000 MMBTU/HR	
		12.000 MCF/HR	Natural Gas
P101	ONE (1) PROPANE-FIRED STATIONARY EMERGENCY ENGINE		
P102	SIX (6), DIESEL FIRED EMERGENCY ENGINE-GENERATORS		
P104	#2 FUEL OIL TANKS		
P106	ONE (1) DIESEL FIRED EMERGENCY FIRE PUMP		
C031	MULTICLONES		
C032	MULTICLONES		
FML01	ANTHRACITE COAL BUNKER		
FML02	NATURAL GAS LINE		
FML03	2-#2 OIL TANKS		
FML04	FOUR (4), PROPANE CYLINDERS		
FML05	SIX (6), DIESEL SKID TANKS		
S031	BOILER 1 STACK		
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Z104	FUEL OIL TANK FUGITIVES		

PERMIT MAPS



PERMIT MAPS



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

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

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

(a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

(a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

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

**SECTION B. General State Only Requirements**

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

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

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_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:

**SECTION B. General State Only Requirements**

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

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

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

(e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

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

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

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

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

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

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

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

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

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

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

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

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

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

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

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

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

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

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



SECTION C. Site Level Requirements

I. RESTRICTIONS.

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.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

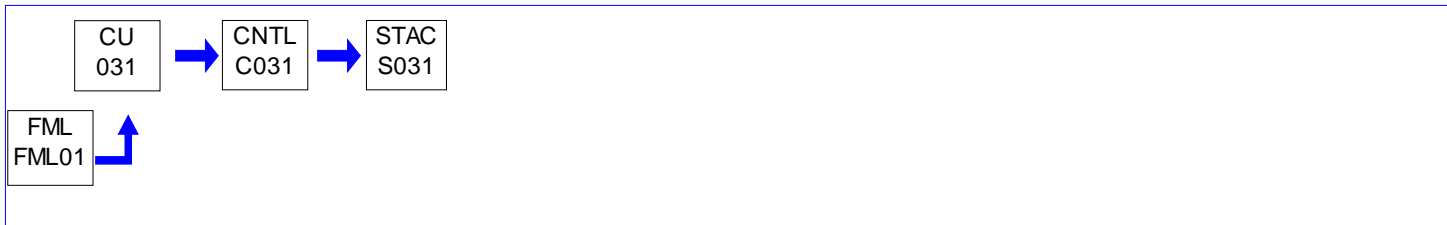
**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: E KEELER BOILER 1

Source Capacity/Throughput: 28.600 MMBTU/HR
1.080 Tons/HR Anthracite

Conditions for this source occur in the following groups: BOILER MACT

**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 control device C031 associated with Source ID 031 in excess of 0.4 pounds per million Btu of heat input in accordance with 25 Pa. Code Section 123.11(a)(1).

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

[Compliance with this permit condition will assure compliance with the applicable requirements at 40 CFR Section 52.2020]

No person may permit the emission into the outdoor atmosphere of sulfur oxides (SO_x, expressed as SO₂) from Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period in accordance with 25 Pa. Code Section 123.22(a)(1).

Fuel Restriction(s).**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall only use anthracite coal as fuel to operate Source ID 031.

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

Upon the Department's request, the permittee shall provide analyses, or samples, of the coal fired in Source ID 031.

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

The permittee shall conduct daily visible emission observations while Source ID 031 is in operation, except as provided in part (ii) of this condition. A daily visible emission observation is complete if no visible emissions are present during the first 18 seconds of the observation.

(i) If visible emissions are present during the first 18 seconds of an observation, the permittee shall conduct a 6-minute opacity reading per EPA Reference Method 9 procedures. If the 6-minute reading indicates that the opacity from the coal boiler's stack exceeds 15% in any 3-minute period, the permittee shall immediately conduct a complete EPA Reference Method 9 in order to verify compliance with the applicable opacity emission restrictions, as specified in Section C of this permit.

**SECTION D. Source Level Requirements**

(ii) If no visible emissions are observed for 10 operating days observations can be reduced to once every 7 operating days. If any visible emissions are observed, daily observations shall be resumed.

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

The Zurn multicollector (C031) used to control particulate matter for Source ID 031 shall be equipped with a magnehelic gauge or equivalent device to monitor the differential pressure across the collector on a continuous basis.

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

For Source ID 031, the permittee shall keep fuel-based emissions calculation records, or other records or periodic monitoring as approved by the Department, for compliance verification purposes with respect to the emission restriction for sulfur oxides.

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

(a) The permittee shall keep records that demonstrate conformance with the visible emission monitoring requirements for Source ID 031.

(b) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall keep records, on a monthly basis, of the following operating parameters for Source ID 031:

- (1) the number of hours of operation,
- (2) the amount of anthracite coal used to operate this air contaminant source.

(b) The permittee shall keep record of the pressure differential across the multiclone collector (ID C031), on at least a weekly basis. The pressure differential shall be recorded while Source ID 031 is operating, in order to assure that the minimum pressure differential recorded during the most recent stack test for particulate matter is being achieved.

(c) These records shall be kept for a five (5) year minimum period 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) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

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

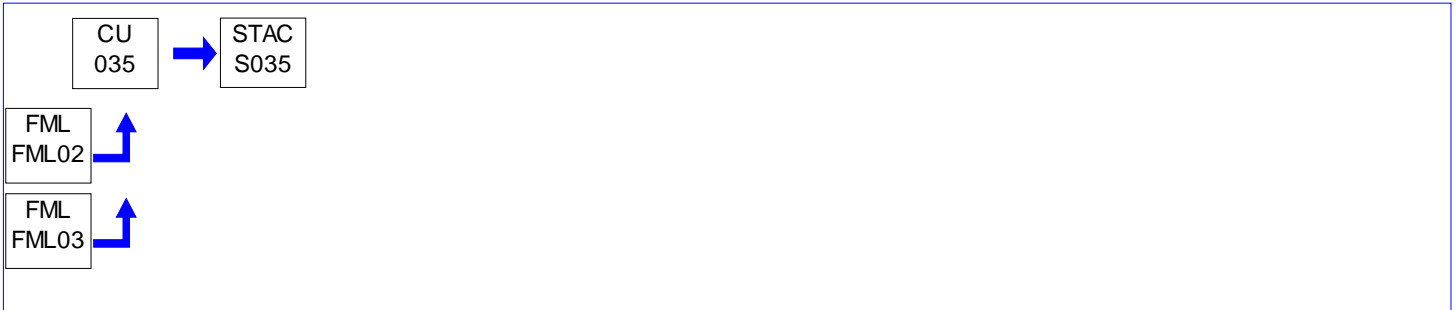
Source ID 031 is an E Keeler boiler, 28.6 MMbtu/hr, anthracite coal fired. The particulate matter emissions from Source ID 031 shall be controlled by a Zurn model #MTSA-30(7A)-9CYT-A multiclone collector (C031).

**SECTION D. Source Level Requirements**

Source ID: 035

Source Name: ENGLISH BOILER MDL 20-250

Source Capacity/Throughput: 25.600 MMBTU/HR
 186.000 Gal/HR #2 Oil
 25.000 MCF/HR Natural Gas

**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 Source ID 035 in a manner such that the rate of particulate matter emissions is in excess of 0.4 pounds per million Btu of heat input as specified by the provisions at 25 Pa. Code Section 123.11(a)(1).

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

Pursuant to the best available technology requirements at 25 Pa. Code §§ 127.1 and 127.12, the nitrogen oxides, expressed as NO₂, emissions and carbon monoxide (CO) emissions from Source ID 035 shall not be released into the outdoor atmosphere in a manner where the emissions concentrations are in excess of the following:

- (a) 30 ppm_{dv} NO₂ at 3% oxygen when firing natural gas;
- (b) 90 ppm_{dv} NO₂ at 3% oxygen when firing #2 fuel oil; and,
- (c) 400 ppm_{dv} CO at 3% oxygen.

Fuel Restriction(s).**# 003 [25 Pa. Code §123.22]****Combustion units**

[Compliance with the requirements of paragraph (a) of this condition will assure compliance with the requirements of paragraph (b) as well as the applicable emission standard at 40 CFR § 52.2020]

[Additional authority for this permit condition is also derived from the applicable fuel standard at 40 CFR § 60.42c]

(a) The sulfur content of the distillate #2 fuel oil that is used to operate Source ID 035 shall not exceed 0.0015% by weight. The use of distillate #2 fuel oil to operate Source ID 035 is limited to periods of gas curtailment, and maintenance and readiness testing purposes.

(b) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 035 in a manner such that the rate of SO₂ emissions is in excess of 4.0 pounds per million Btu of heat input over any 1-hour period as specified by the provisions at 25 Pa. Code Section 123.22(a)(1).

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

(a) During normal operation, the permittee shall only use pipeline-quality natural gas to operate Source ID 035.

**SECTION D. Source Level Requirements**

(b) The use of distillate #2 fuel oil to operate Source ID 035 is limited to periods of gas curtailment, and maintenance and readiness testing purposes. The distillate #2 fuel oil shall not contain any reclaimed or waste oil or other waste materials added.

Operation Hours Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is from the permittee's voluntary election taken to avoid the work practice and other applicable standards for existing oil boilers with a greater than 10 MMBtu/hr heat input capacity, as specified in 40 CFR Part 63 Subpart JJJJJJ]

The use of distillate #2 fuel oil to operate Source ID 035 for purposes of maintenance and readiness testing is limited to 48 hours in any calendar year.

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

a) Upon request by the Department, the permittee shall provide fuel analyses or fuel samples of the fuel used in Source ID 035 in accordance 25 Pa. Code Chapter 139.

b) Upon request by the Department, the permittee shall conduct tests deemed necessary by the Department to determine actual emission rates.

III. MONITORING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall install, operate and maintain the necessary meter(s) to continuously monitor the amount of fuel used by Source ID 035, during source operation.

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records, on a monthly basis, of the following for Source ID 035:

- (1) the amount and type of fuel used to operate the source,
- (2) the number of hours that the source operated on natural gas,
- (3) the number of hours that the source operated on distillate #2 fuel oil,
- (4) emissions calculations used to verify compliance with the carbon monoxide, nitrogen oxides, sulfur oxides, and particulate matter emission restrictions for Source ID 035,
- (5) the reason for each occurrence of distillate #2 fuel oil firing, as well as the sulfur content, percent by weight, of the distillate #2 fuel oil fired by Source ID 035,
- (6) valid purchase contract, tariff sheet, etc for the pipeline-quality natural gas fired by Source ID 035,
- (7) records verifying compliance with the 48 hours per calendar restriction on distillate #2 fuel oil usage,
- (8) records demonstrating conformance with the 10% steam load restriction, including the date on which stack testing was performed.

**SECTION D. Source Level Requirements**

(b) These records shall be kept for a five (5) year minimum period and be made available to the Department upon request.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

(a) The permittee shall comply with the recordkeeping requirements, as specified in 40 CFR Section 60.48c(f), by obtaining fuel supplier certification records for each shipment of distillate #2 fuel oil for Source ID 035.

(b) The records shall include the following information:

(i) The name of the oil supplier;

(ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR §60.41c; and

(iii) The sulfur content or maximum sulfur content, by weight, of the oil.

V. REPORTING REQUIREMENTS.**# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]****Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

(a) The permittee shall submit the fuel supplier certification records obtained for each of the distillate #2 fuel oil shipments accepted during the semi-annual reporting period, along with the signed certified statement, from the responsible official, that specifies the records of fuel supplier certifications submitted for this reporting period represent the distillate #2 fuel oil fired in Source ID 035 during the reporting period.

(b) The semi-annual reports shall be submitted to the Department and EPA no later than January 30 (for the reporting period from July 1 through December 31) and July 30 (for the reporting period from January 1 through June 30).

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

The permittee shall operate and maintain Source ID 035 in accordance with manufacturer specifications and good air pollution control practices.

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

(a) The permittee shall annually conduct tune-ups on Source ID 035. Annual tune-ups shall be conducted no more than 13 months after the previous tune-up.

(b) The following activities shall be performed during each tune-up:

(1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary.

(2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

(3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.

(4) Optimize total emissions of CO and NO_x, expressed as NO₂. This optimization should be consistent with the CO and NO_x emission restrictions and any manufacturer's specifications, if available.

**SECTION D. Source Level Requirements**

(5) Measure the concentrations in the effluent stream of CO and NO₂ in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements shall be recorded on a dry basis). Measurements may be taken using a portable gas analyzer.

(6) Maintain on-site and submit, if requested by the Department, a report containing the information in paragraphs (b)(6)(i) through (ii) of this condition.

(i) The concentrations of CO and NO₂ in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(c) If Source ID 035 is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 035 is an English boiler, model # 20-250 (GP), 25.6 MMbtu/hr, capable of firing natural gas and distillate #2 fuel oil. The boiler is equipped with low-NO_x burners manufactured by Webster Engineering, model #FDRX-SR-CL-30-200-S-1R1.

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.**

(a) Source ID 035 is subject to the Federal Standards of Performance for New Stationary Sources as codified in 40 CFR Part 60 Subpart Dc. The permittee shall comply with all of the applicable requirements at Subpart Dc, (as specified in 40 CFR Sections 60.40c - 60.48c).

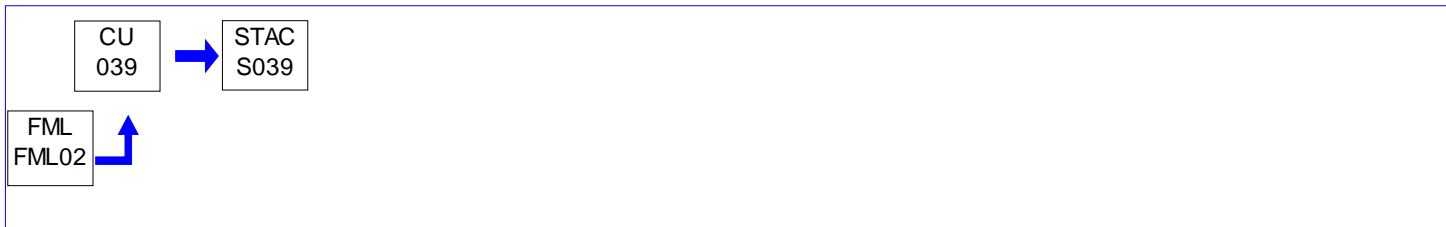
**SECTION D. Source Level Requirements**

Source ID: 039

Source Name: 12 MMBTU/HR VS-2 GAS FIRED BOILER

Source Capacity/Throughput: 12.000 MMBTU/HR

12.000 MCF/HR Natural Gas

**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 Source ID 039 in a manner such that the rate of particulate matter emissions is in excess of 0.4 pounds per million Btu of heat input as specified by the provisions at 25 Pa. Code Section 123.11(a)(1).

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

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(c)]

No person may permit the emission of sulfur oxides (SO_x), expressed as SO₂, into the outdoor atmosphere from Source ID 039 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.**

Pursuant to the best available technology requirements at 25 Pa. Code §§ 127.1 and 127.12, the nitrogen oxides, expressed as NO₂, emissions and carbon monoxide (CO) emissions from Source ID 039 shall not be released into the outdoor atmosphere in a manner where the emissions concentrations are in excess of the following:

(a) 30 ppm_{dv} NO₂ at 3% oxygen;

(b) 400 ppm_{dv} CO at 3% oxygen.

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

The permittee shall only use pipeline-quality natural gas to operate Source ID 039.

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

a) Upon request by the Department, the permittee shall provide fuel analyses or fuel samples of the fuel used in Source ID 039 in accordance 25 Pa. Code Chapter 139.

b) Upon request by the Department, the permittee shall conduct tests deemed necessary by the Department to determine actual emission rates.

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall install, operate and maintain the necessary meter(s) to continuously monitor the amount of fuel used by Source ID 039, during source operation.

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

[Additional authority for this permit condition is also derived from 40 CFR §§60.48c(g)(2) and 60.48c(i)]

(a) The permittee shall keep records, on a monthly basis, of the following for Source ID 039:

- (1) the amount of fuel used to operate the source,
- (2) the number of hours that the source operated,
- (3) emissions calculations used to verify compliance with the carbon monoxide, nitrogen oxides, sulfur oxides, and particulate matter emission restrictions for Source ID 039,
- (4) valid purchase contract, tariff sheet, etc for the pipeline-quality natural gas fired by Source ID 039,

(b) These records shall be kept for a five (5) year minimum period 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.**

The permittee shall operate and maintain Source ID 039 in accordance with manufacturer specifications and good air pollution control practices.

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

(a) The permittee shall annually conduct tune-ups on Source ID 039. Annual tune-ups shall be conducted no more than 13 months after the previous tune-up.

(b) The following activities shall be performed during each annual tune-up:

- (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary.
- (2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.
- (3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.
- (4) Optimize total emissions of CO and NO_x, expressed as NO₂. This optimization should be consistent with the CO and NO_x emission restrictions and any manufacturer's specifications, if available.
- (5) Measure the concentrations in the effluent stream of CO and NO₂ in parts per million, by volume, and oxygen in volume

**SECTION D. Source Level Requirements**

percent, before and after the adjustments are made (measurements shall be recorded on a dry basis). Measurements may be taken using a portable gas analyzer.

(6) Maintain on-site and submit, if requested by the Department, a report containing the information in paragraphs (b)(6)(i) through (ii) of this condition.

(i) The concentrations of CO and NO₂ in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(c) If Source ID 039 is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 039 is a Victory Energy VS-2 "O" type natural gas-fired boiler rated at a maximum heat input capacity of 12 MMBtu/hr.

011 [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.**

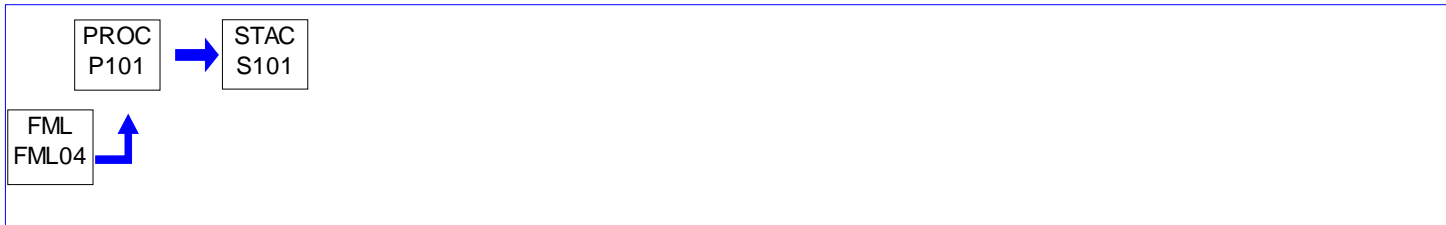
Source ID 039 is subject to the Federal Standards of Performance for New Stationary Sources as codified in 40 CFR Part 60 Subpart Dc. The permittee shall comply with all of the applicable requirements at Subpart Dc, (as specified in 40 CFR Sections 60.40c - 60.48c).

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: ONE (1) PROPANE-FIRED STATIONARY EMERGENCY ENGINE

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from each of the emergency engines incorporated as Source ID P101 in a manner such that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

002 [25 Pa. Code §123.21]

General

No person may permit the emission from each of the emergency engines incorporated as Source ID P101 into the outdoor atmosphere in a manner such that the concentration of sulfur oxides (SOx), expressed as SO₂, in the effluent gas in excess of 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The total combined nitrogen oxides (NO_x), expressed as NO₂, emissions from all of the stationary emergency engines at this facility shall be less than 100 pounds per hour, 1000 pounds per day, 2.75 tons per ozone season (May 1 through September 30) in any calendar year and 6.6 tons in any 12 consecutive month period.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P101 shall be fired on liquid propane gas only.

Operation Hours Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P101 shall be operated less than 500 hours in any 12 consecutive month period.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The permittee shall operate Source ID P101, in accordance with the following. The emergency engine is also defined to be emergency stationary RICE, for the purpose of this condition

(b) The permittee shall operate the emergency stationary RICE according to the requirements in paragraphs (b)(1) through (3) of this condition. Any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for more than 50 hours per year, as described in paragraphs (b)(1) through (3) of this condition, is prohibited.

(1) The permittee may operate the emergency stationary RICE for any combination of the purposes specified in paragraphs

**SECTION D. Source Level Requirements**

(b)(1)(i) through (iii) of this condition for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (b)(2) of this section counts as part of the 100 hours per calendar year allowed by this paragraph.

(i) The emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine.

(2) The emergency stationary RICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours per year of operation in non-emergency situations are counted as part of the 100 hours per calendar year specified in paragraph (b)(1) of this condition. Except as provided in paragraphs (b)(3) of this condition, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(3) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

007 [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 install a non-resettable hour meter on Source ID P101.

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

a) The permittee shall keep record the operating hours (run-time) calculations for Source ID P101, in order to verify compliance with the operation hours restrictions.

b) For each day on which Source ID P101 operates, the permittee shall keep record, in units of lb/day, of the nitrogen oxides (NO_x), expressed as NO₂, emissions calculations for all of the engines operated (at the facility) on the recorded day, in

**SECTION D. Source Level Requirements**

order to verify compliance with the daily NOx emissions restriction.

c) For each month in the ozone season, the permittee shall keep record, in units of ton, of the nitrogen oxides (NOx), expressed as NO₂, emissions calculations for Source IDP101 operated (at the facility) during the ozone season (May 1 through September 30), in order to verify compliance with the ozone season NOx emissions restriction.

d) The permittee shall keep records, on a monthly basis, of the rolling 12-month nitrogen oxides (NOx), expressed as NO₂, emissions calculations for Source ID P101, in order to verify compliance with the rolling 12-month NOx emissions restriction.

e) These records shall be kept for a five (5) year minimum period and 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 must keep records of the operation of Source ID P101 in emergency and non-emergency service that are recorded through the non-resettable hour meter. The permittee must record the time of operation of the engine and the reason the engine was in operation during that time.

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.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P101 is an emergency engine utilized for the purpose of emergency electricity generation;
Building ID - Description/Location - Maximum Fuel Throughput (gallons per hour)
G008 - Green - 14

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The stationary emergency engine is subject to the National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines at 40 CFR Part 63 Subpart ZZZZ.

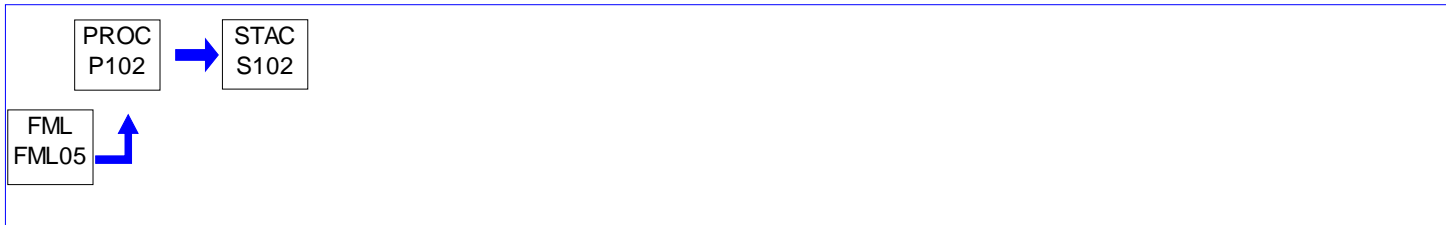
(b) The permittee shall comply with all applicable requirements pertaining to Source ID P101, as specified in 40 CFR Sections 63.6580 through 63.6675.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: SIX (6), DIESEL FIRED EMERGENCY ENGINE-GENERATORS

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from each of the emergency engines incorporated as Source ID P102 in a manner such that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission from each of the emergency engines incorporated as Source ID P102 into the outdoor atmosphere in a manner such that the concentration of sulfur oxides (SOx), expressed as SO₂, in the effluent gas in excess of 500 parts per million, by volume, dry basis.

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

The total combined nitrogen oxides (NO_x), expressed as NO₂, emissions from all of the stationary emergency engines at this facility shall be less than 100 pounds per hour, 1000 pounds per day, 2.75 tons per ozone season (May 1 through September 30) in any calendar year and 6.6 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 condition is also derived from 40 CFR § 1090.305]

(a) Each of the emergency engines incorporated as Source ID P102 shall be fired only on diesel fuel to operate.

(b) The diesel fuel's maximum sulfur content shall no be more than 15 ppm by gallon, as required by the provisions at 40 CFR § 63.6604(b).

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

Each of the emergency engines incorporated as Source ID P102, except the Reed engine, shall be operated less than 500 hours each in any 12 consecutive month period. The Reed engine shall be operated less than 200 hours in any 12 consecutive month period.

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

The permittee shall only operate the emergency engines located at the Farm House building for readiness and maintenance testing purposes or to supply emergency electricity power to parts of the facility, during periods of time when electricity power loss from the grid occurs due to actions beyond the control of the permittee.

**SECTION D. Source Level Requirements****# 007 [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?**

(a) The permittee shall operate each of the emergency engines incorporated as Source ID P102 in accordance with the following. Each of these emergency engines are also defined to be emergency stationary RICE, for the purpose of this condition

(b) The permittee shall operate each of the emergency stationary RICE according to the requirements in paragraphs (b)(1) through (3) of this condition. Any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for more than 50 hours per year, as described in paragraphs (b)(1) through (3) of this condition, is prohibited.

(1) The permittee may operate each of the emergency stationary RICE for any combination of the purposes specified in paragraphs (b)(1)(i) of this condition for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (b)(2) of this section counts as part of the 100 hours per calendar year allowed by this paragraph.

(i) Any of these emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine.

(2) Any of these emergency stationary RICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours per year of operation in non-emergency situations are counted as part of the 100 hours per calendar year specified in paragraph (b)(1) of this condition. Except as provided in paragraphs (b)(3) of this condition, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(3) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

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.**# 008 [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 install a non-resettable hour meter on each engine of Source ID P102.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- a) The permittee shall keep record the operating hours (run-time) calculations for each of the emergency engines incorporated as Source ID P102, in order to verify compliance with the operation hours restrictions.
- b) For each day on which at least one of the emergency engines incorporated into Source ID P102 operates, the permittee shall keep record, in units of lb/day, of the nitrogen oxides (NOx), expressed as NO₂, emissions calculations for all of the engines operated (at the facility) on the recorded day, in order to verify compliance with the daily NOx emissions restriction.
- c) For each month in the ozone season, the permittee shall keep record, in units of ton, of the nitrogen oxides (NOx), expressed as NO₂, emissions calculations for all of the engines operated (at the facility) during the ozone season (May 1 through September 30), in order to verify compliance with the ozone season NOx emissions restriction.
- d) The permittee shall keep records, on a monthly basis, of the rolling 12-month nitrogen oxides (NOx), expressed as NO₂, emissions calculations for all of the engines operated at the facility, in order to verify compliance with the rolling 12-month NOx emissions restriction.
- e) These records shall be kept for a five (5) year minimum period and be made available to the Department upon request.

010 [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 must keep records of the operation of each engine of Source ID P102 in emergency and non-emergency service that are recorded through the non-resettable hour meter. The permittee must record the time of operation of the engines and the reason the engines were in operation during that time.

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

Source ID P102 consists of six (6), stationary emergency engines identified as the following and utilized for purpose of emergency electricity generation;

Building ID - Description/Location - Maximum Fuel Throughput (gallons per hour)

G001 - Rear Center Garage - 53.4

G005A - Montour (Outside) - 17

G013 - DCAF - 10.7

G022 - Dietary - 17.8

G028 - Power Plant - 16

G050 - Reed - 15

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

(a) The stationary emergency engines incorporated into Source ID P102 are subject to the National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines at 40 CFR Part 63 Subpart ZZZZ.

**SECTION D. Source Level Requirements**

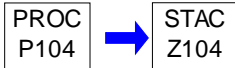
(b) The permittee shall comply with all applicable requirements pertaining to Source ID P102, as specified in 40 CFR Sections 63.6580 through 63.6675.

**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: #2 FUEL OIL TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

- a) The permittee shall keep records of the vapor pressure of liquids containing volatile organic compounds stored in each of the two (2) storage tank incorporated as Source ID P104.
- b) These records shall be kept for a five (5) year minimum period 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 §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.57.]

Each of the two (2) storage tank incorporated as Source ID P104 shall not have a vapor pressure greater than 1.5 psia under actual storage conditions unless equipped with pressure relief valves maintained in good operating condition and which are 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.

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

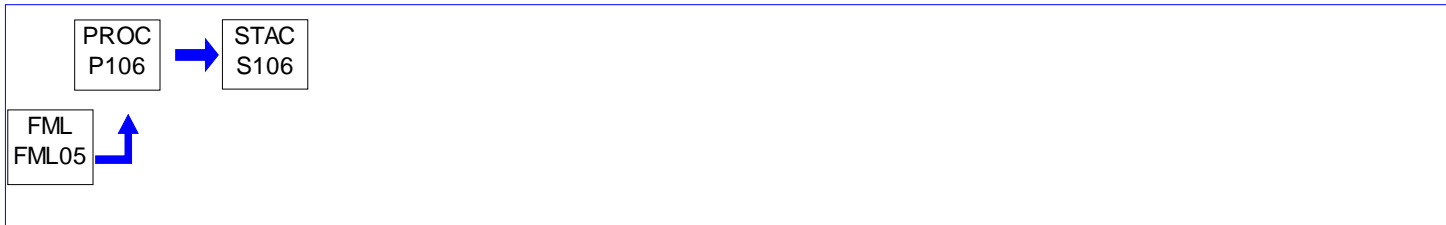
Source ID P104 consists of two (2) #2 fuel oil storage tanks, 20,000 gallons each.

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: ONE (1) DIESEL FIRED EMERGENCY FIRE PUMP

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from each of the emergency engines incorporated as Source ID P106 in a manner such that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission from each of the emergency engines incorporated as Source ID P106 into the outdoor atmosphere in a manner such that the concentration of sulfur oxides (SOx), expressed as SO₂, in the effluent gas in excess of 500 parts per million, by volume, dry basis.

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

The total combined nitrogen oxides (NO_x), expressed as NO₂, emissions from all of the stationary emergency engines at this facility shall be less than 100 pounds per hour, 1000 pounds per day, 2.75 tons per ozone season (May 1 through September 30) in any calendar year and 6.6 tons in any 12 consecutive month period.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

The emissions from Source ID P106 shall not exceed the following rates:

- (a) NMHC + NO_x: 3.5 g/hp-hr
- (b) CO: 3.7 g/hp-hr
- (c) PM: 0.30 g/hp-hr

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

[Additional authority for this condition is also derived from 40 CFR § 1090.305]

- (a) Each of the emergency engines incorporated as Source ID P106 shall be fired only on diesel fuel to operate.
- (b) The diesel fuel's maximum sulfur content shall no be more than 15 ppm by gallon, as required by the provisions at 40 CFR § 60.4207(b).

**SECTION D. Source Level Requirements****Operation Hours Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The emergency engine incorporated as Source ID P106 shall be operated less than 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).

III. MONITORING REQUIREMENTS.**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall install a non-resettable hour meter on Source ID P106.

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

a) The permittee shall keep record the operating hours (run-time) calculations for each of the emergency engines incorporated as Source ID P106, in order to verify compliance with the operation hours restrictions.

b) For each day on which at least one of the emergency engines incorporated into Source ID P106 operates, the permittee shall keep record, in units of lb/day, of the nitrogen oxides (NO_x), expressed as NO₂, emissions calculations for all of the engines operated (at the facility) on the recorded day, in order to verify compliance with the daily NO_x emissions restriction.

c) For each month in the ozone season, the permittee shall keep record, in units of ton, of the nitrogen oxides (NO_x), expressed as NO₂, emissions calculations for all of the engines operated (at the facility) during the ozone season (May 1 through September 30), in order to verify compliance with the ozone season NO_x emissions restriction.

d) The permittee shall keep records, on a monthly basis, of the rolling 12-month nitrogen oxides (NO_x), expressed as NO₂, emissions calculations for all of the engines operated at the facility, in order to verify compliance with the rolling 12-month NO_x emissions restriction.

e) These records shall be kept for a five (5) year minimum period and be made available to the Department upon request.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee must keep records of the operation of Source ID P106 in emergency and non-emergency service that are recorded through the non-resettable hour meter. The permittee must record the time of operation of the engine and the reason the engine was in operation during that time.

V. REPORTING REQUIREMENTS.

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

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

**# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**
Source ID P106 shall be installed and configured according to the manufacturer's emission-related specifications.

VII. ADDITIONAL REQUIREMENTS.

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

Source ID P106 is a John Deere model 4045TF290 Emergency Fire pump rated at 74 BHP.

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

(a) The stationary emergency engine incorporated into Source ID P106, is subject to the New Source Performance Standards for Stationary Compression Ignition Internal Combustion Engines at 40 CFR Part 60 Subpart III.

(b) The permittee shall comply with all applicable requirements pertaining to Source ID P106, as specified in 40 CFR Sections 60.4200 through 60.4219.

**SECTION E. Source Group Restrictions.**

Group Name: BOILER MACT

Group Description: National Emission Standards of HAP for Boilers located at Area Sources, 40 CFR Part 63 JJJJJ.

Sources included in this group

ID	Name
031	E KEELER BOILER 1

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

(a) In accordance with 40 CFR § 63.11201, the permittee shall not permit the emission into the outdoor atmosphere of carbon monoxide (CO) from this air contaminant source in a manner such that the concentration of CO emissions is in excess of 420 ppmvd, at 3% oxygen.

(b) This emission restriction applies at all times the source is operating, except during periods of startup and shutdown as defined in 40 CFR § 63.11237, during which time you must comply only with Table 2 to 40 CFR Part 63 Subpart JJJJJJ.

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

(a) In accordance with 40 CFR § 63.11201, the permittee shall not permit the emission into the outdoor atmosphere of mercury (Hg) from this air contaminant source in a manner such that the rate of Hg emissions is in excess of 2.2E-05 lb per MMBtu of heat input.

(b) This emission restriction applies at all times the source is operating, except during periods of startup and shutdown as defined in 40 CFR § 63.11237, during which time you must comply only with Table 2 to 40 CFR Part 63 Subpart JJJJJJ.

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

The permittee shall conduct EPA reference method stack tests for CO according to 40 CFR § 63.11212, on a triennial basis. Triennial stack tests shall be completed no more than 37 months after the previous stack test pursuant to 40 CFR § 63.11220.

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

The permittee shall conduct fuel analysis for Hg according to 40 CFR §§ 63.11213 and 63.11220(c), in order to comply with this applicable continuous compliance requirement of 40 CFR Part 63 Subpart JJJJJJ. The fuel analysis shall be conducted no more than 37 months after the initial stack test for Hg was performed.

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

The permittee shall comply with all of the applicable testing requirements pertaining to this source, as specified in 40 CFR § 63.11212.

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

(a) Pursuant to 40 CFR § 63.11224, the permittee shall develop site-specific monitoring plans for the oxygen analyzer system and the operating load monitor required by 40 CFR Part 63 Subpart JJJJJJ. The site-specific monitoring plans shall address the following;

(i) Installation of the continuous monitoring system (CMS) sampling probe or other interface at a measurement location relative to each unit such that the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device).

**SECTION E. Source Group Restrictions.**

- (ii) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems.
 - (iii) Performance evaluation procedures and acceptance criteria (e.g., calibrations).
 - (iv) Ongoing operation and maintenance procedures in accordance with the general requirements of 40 CFR §§ 63.8(c)(1), (3), and (4)(ii).
 - (v) Ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR § 63.8(d).
 - (vi) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of 40 CFR §§ 63.10(c), (e)(1), and (e)(2)(i).
- (b) Pursuant to 40 CFR § 63.11224, the permittee shall conduct performance evaluation of each of the continuous monitoring systems (CMS) required by part (a) of this condition, in accordance with the respective site-specific monitoring plan.
- (c) Pursuant to 40 CFR § 63.11224, the permittee shall operate and maintain each CMS in accordance with the respective site-specific monitoring plan.
- (d) Pursuant to 40 CFR § 63.11224, the permittee shall install, operate, and maintain each of the continuous parametric monitoring systems (CPMS) associated with the oxygen analyzer system and the operating load monitor according to the following procedures.
- (1) The CPMS must complete a minimum of one cycle of operation every 15 minutes. The permittee shall have data values from a minimum of four successive cycles of operation representing each of the four 15-minute periods in an hour, or at least two 15-minute data values during an hour when CMS calibration, quality assurance, or maintenance activities are being performed, to have a valid hour of data.
 - (2) The permittee shall calculate hourly arithmetic averages from each hour of CPMS data in units of the operating limit, i.e. %O₂ and steam generation rate, and determine the 30-day rolling averages of all of the hourly averages collected, except as provided in 40 CFR § 63.11221(c). The permittee shall calculate the 30-day rolling averages from all of the hourly averages collected for the 30-day operating period using Equation 3 of 40 CFR § 63.11224(d)(2).
 - (3) For purposes of collecting data, the permittee shall operate the CPMS as specified in §63.11221(b). For purposes of calculating data averages, the permittee shall use all the data collected during all periods in assessing compliance, except that you must exclude certain data as specified in §63.11221(c). Periods when CPMS data are unavailable may constitute monitoring deviations as specified in §63.11221(d).
 - (4) Record the results of each inspection, calibration, and validation check.

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

- (a) Pursuant to 40 CFR §63.11201, the operating load monitor equipped on this source shall be used by the permittee to continuously monitor the boiler's steam generation rate in the units recorded during the most recent performance stack test.
- (b) Pursuant to 40 CFR §63.11201, the oxygen analyzer system shall be used by the permittee to continuously monitor the oxygen in the boiler's flue gas as %O₂ by volume.
- (c) The permittee shall comply with the applicable requirements pertaining to the oxygen analyzer system and operating load monitor equipped on this source, as specified in 40 CFR § 63.11221, (relating to minimum amount of monitoring data).

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

The permittee shall comply with all of the applicable recordkeeping requirements pertaining to this source, as specified in

**SECTION E. Source Group Restrictions.**

40 CFR § 63.11225.

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

The permittee shall comply with all of the applicable reporting and notification requirements pertaining to this source, as specified in 40 CFR § 63.11225.

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

(a) Pursuant to 40 CFR § 63.11201, the permittee shall maintain the boiler's operating load such that it does not exceed the operating load that is established as the operating limit according to Table 6 to subpart JJJJJJ, part 63 of 40 CFR and during the most recent performance stack test.

(b) Pursuant to 40 CFR § 63.11201, the permittee shall maintain the oxygen in the boiler's flue gas such that the 30-day rolling average oxygen level is at or above the minimum oxygen level that is established as the operating limit according to Table 6 to subpart JJJJJJ, part 63 of 40 CFR and during the most recent performance stack test.

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

Pursuant to 40 CFR § 63.11223, the permittee shall conduct biennial tune-ups on this source in accordance with parts (1) through (6) of this condition. Except as noted in part (7) of this condition, biennial tune-ups shall be conducted no more than 25 months after the previous tune-up.

(1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).

(2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

(3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).

(4) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject.

(5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

(6) Maintain on-site and submit, if requested by the Administrator, a report containing the information in parts (b)(6)(i) through (ii) of this condition.

(i) The concentrations of CO and NO₂ in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source is subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources as codified in 40 CFR Part 63 Subpart JJJJJJ. The permittee shall comply with all of the applicable requirements pertaining to this source, as specified in Subpart JJJJJJ, (40 CFR §§ 63.11193 through 63.11237).



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.



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