



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

TITLE V/STATE OPERATING PERMIT

Issue Date: November 13, 2019

Effective Date: November 13, 2019

Expiration Date: November 12, 2024

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 applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 47-00003

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

Owner Information

Name: DANVILLE STATE HOSP
Mailing Address: 200 STATE HOSPITAL DR
DANVILLE, PA 17821-9198

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

Permit Contact Person

Name: SCOTT BAUN
Title: UTILITY PLANT SUPERVISOR
Phone: (570) 271 - 4656

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION

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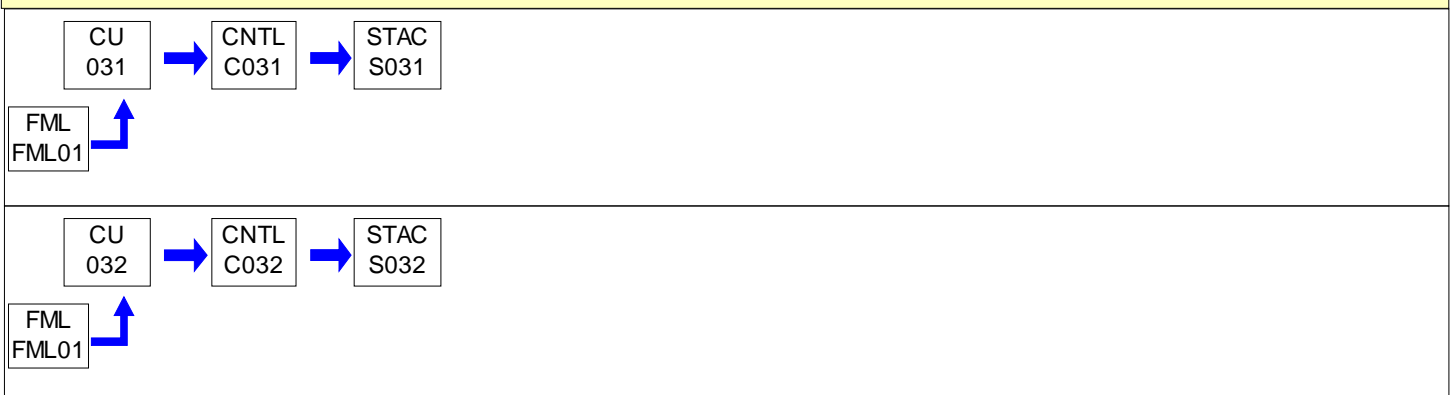
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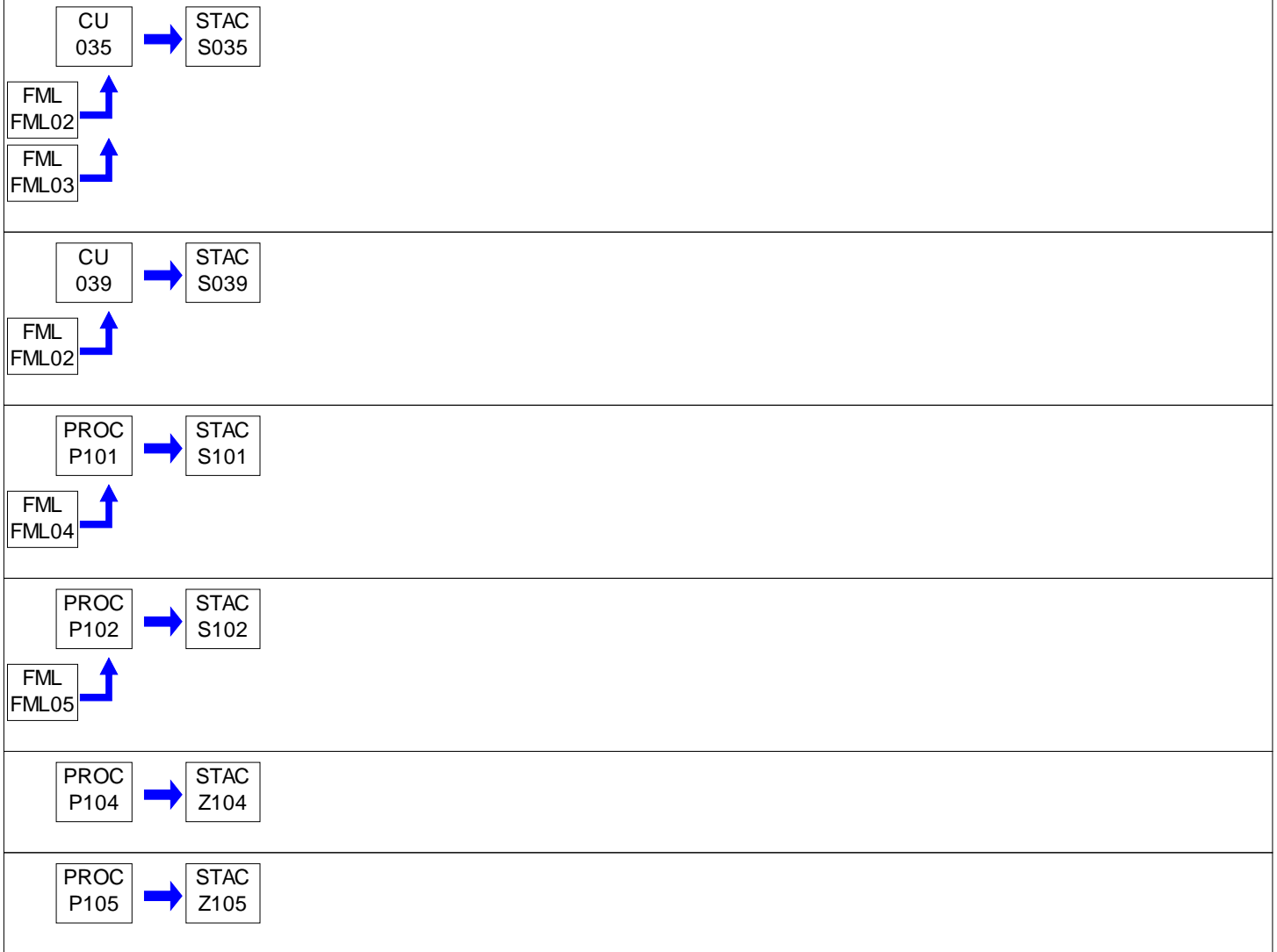
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	E KEELER BOILER 1	28.600	MMBTU/HR	
		1.080	Tons/HR	Anthracite
032	E KEELER BOILER 2	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	SEVEN (7), DIESEL-FIRED, STATIONARY EMERGENCY ENGINES			
P104	#2 FUEL OIL TANKS			
P105	TWO (2) PARTS WASHERS			
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			
S032	BOILER 2 STACK			
S035	ENGLISH BOILER STACK			
S039	VS-2 BOILER STACK			
S101	PROPANE ENGINE STACK			
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Z105	FUGITIVE EMISSIONS FROM DEGREASING UNITS			

PERMIT MAPS



PERMIT MAPS



**SECTION B. General Title V 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 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the act.

#003 [25 Pa. Code § 127.512(c)(4)]**Property Rights**

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

#004 [25 Pa. Code § 127.446(a) and (c)]**Permit Expiration**

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. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V 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. 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.

#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]**Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) 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. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) 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 during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]**Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

- (1) The Department determines that no other change in the permit is necessary;
- (2) 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,
- (3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

**SECTION B. General Title V Requirements**

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**Inspection and Entry**

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

- (1) Enter at reasonable times upon the permittee's premises where a Title V 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 or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, 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, 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.

(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.

#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

- (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 to the source are 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 Title V permit.

#009 [25 Pa. Code § 127.512(c)(2)]**Need to Halt or Reduce Activity Not a Defense**

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

#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]**Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or

**SECTION B. General Title V Requirements**

to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]**Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#012 [25 Pa. Code § 127.543]**Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#013 [25 Pa. Code § 127.522(a)]**Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#014 [25 Pa. Code § 127.541]**Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with

**SECTION B. General Title V Requirements**

25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#015 [25 Pa. Code §§ 121.1 & 127.462]**Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#016 [25 Pa. Code § 127.450]**Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

#017 [25 Pa. Code § 127.512(b)]**Severability Clause**

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

#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]**Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

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(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#019 [25 Pa. Code §§ 127.14(b) & 127.449]**Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. 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.

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

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit 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 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 or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

- (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, liquefied petroleum gas 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.

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- (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.
- (d) 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 (b)(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 the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
 - (4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.
- (e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).
- (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 allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical 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.

#020 [25 Pa. Code §§ 127.11a & 127.215]**Reactivation of Sources**

- (a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.
- (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).

#021 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

- (a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.
- (b) 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 this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department,

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the device or technique may be used for control of malodors.

#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]**Submissions**

(a) 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 on the permit transmittal letter,
or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Office of Air Enforcement and Compliance Assistance (3AP20)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]**Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#024 [25 Pa. Code §§ 127.511 & Chapter 135]**Recordkeeping Requirements**

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

- (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 the 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.

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(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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#025 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]**Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#026 [25 Pa. Code § 127.513]**Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #022 of this section.

#027 [25 Pa. Code § 127.3]**Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)

**SECTION B. General Title V Requirements**

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

#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]**Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

- (1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

**SECTION B. General Title V Requirements**

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #26 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#029 [25 Pa. Code § 127.512(e)]**Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]**Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

- (1) The applicable requirements are included and are specifically identified in this permit.
- (2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

- (1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.
- (2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.
- (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.
- (4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

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

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

(1) Construction or demolition of buildings or structures.

(2) Grading, paving and maintenance of roads and streets.

(3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.

(4) Clearing of land.

(5) Stockpiling of materials.

(6) - (8) n/a

(9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(i) the emissions are of minor significance with respect to causing air pollution; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

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

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

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

(2) Equal to or greater than 60% at any time.

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

The limitations of 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

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

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

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

**SECTION C. Site Level Requirements****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee had taken this NO_x synthetic minor limitations to avoid being a major NO_x facility]

The total combined nitrogen oxides (NO_x), expressed as NO₂, emissions from this facility's air contaminant sources shall not equal or exceed 100 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from the permittee had taken these HAP synthetic minor limitations to avoid being a major source of HAP]

(a) With respect to the sum of all hazardous air pollutants (HAPs), the total combined HAPs emissions from this facility's air contaminant sources shall not equal or exceed 25 tons in any 12 consecutive month period.

(b) With respect to any individual hazardous air pollutant (HAP), the total combined HAP emissions from this facility's air contaminant sources shall not equal or exceed 10 tons in any 12 consecutive month period.

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 had taken a fuel throughput restriction for the synthetic minor limitations]

The permittee shall not use more than 14,000 tons in any 12 consecutive month period of anthracite coal as fuel to operate Source IDs 031 and 032.

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

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

According to the applicable provisions at 25 Pa. Code Chapter 139, the permittee shall perform analyses or obtain a fuel certification report for each of the shipments of distillate #2 fuel oil and diesel accepted at this facility, in order to verify compliance with the maximum sulfur content fuel restrictions, as specified in Source ID 035 and P102, respectively.

009 [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 an EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. 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) If applicable, 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

**SECTION C. Site Level Requirements**

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), two (2) copies of all submittals, besides notifications, shall be sent to the Pennsylvania Department of Environmental Protection, Northcentral Regional Office, Air Quality Program Manager, 208 West Third Street, Suite 101, Williamsport PA, 17701 with deadlines verified through document postmarks.

(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.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

According to the applicable provisions at 25 Pa. Code Chapter 139, the permittee shall perform analyses or obtain a fuel certification report for each of the shipments of anthracite coal accepted at this facility, in order to verify compliance with the sulfur oxide (SO_x), expressed as SO₂, emission restriction, as specified in Source IDs 031 and 032.

011 [25 Pa. Code §139.1]

Sampling facilities.

Upon the request by the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on any source at the facility. 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.

012 [25 Pa. Code §139.11]

General requirements.

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

(b) As specified in 25 Pa. Code Section 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 materials or the 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 carbon monoxide (CO), carbon dioxide (CO₂), oxygen (O₂) and nitrogen (N₂)), static and barometric pressures.

**SECTION C. Site Level Requirements**

(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.**# 013 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

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

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

(1) the presence of visible emissions,

(2) the presence of visible fugitive emissions,

(3) the presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions or malodors shall be reported to this facility's responsible official or delegated representative for the responsible official.

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

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

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

(1) The rolling 12-month fuel throughput calculations for the total combined anthracite coal used to operate Source IDs 031 and 032, in order to verify compliance with the synthetic minor fuel throughput restriction, as well as the supporting data and documentation used to generate the rolling 12-month fuel throughput calculations,

(2) The rolling 12-month emissions calculations for the nitrogen oxides (NO_x), expressed as NO₂, emissions from this facility's air contaminant sources, in order to verify compliance with the synthetic minor NO_x emission restriction, as well as the supporting data and documentation used to generate the rolling 12-month emissions calculations,

(3) Anthracite coal analyses or fuel certification from the supplier for each of the shipments of anthracite coal accepted at the facility,

(4) Distillate #2 fuel oil and diesel analyses or fuel certification from the fuel supplier(s) for each of the shipments of fuel oil and diesel accepted at the facility,

(5) The rolling 12-month emissions calculations for the total combined hazardous air pollutant (HAP) emissions from this facility's air contaminant sources, in order to verify compliance with the synthetic minor HAP emission restrictions.

**SECTION C. Site Level Requirements**

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

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

(a) The permittee shall maintain a logbook of the daily facility inspections and shall record occurrences of visible emissions, visible fugitive emissions and malodorous air emissions, the name of the company representative monitoring these occurrences, and the date and time of each occurrence. The permittee shall also record the corrective action(s) taken to abate each of the recorded occurrences and/or the measures that are used to prevent future occurrences.

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

017 [25 Pa. Code §135.5]**Recordkeeping**

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with § 135.3 (relating to reporting; and emission statements). These 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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

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

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

(a) The permittee shall submit reports to the Department on a semi-annual basis which include the following:

(1) The rolling 12-month fuel throughput calculations for the total combined anthracite coal used to operate Source IDs 031 and 032, in order to verify compliance with the synthetic minor fuel throughput restriction, as well as the supporting data and documentation used to generate the rolling 12-month fuel throughput calculations,

(2) The rolling 12-month emissions calculations for the nitrogen oxides (NO_x), expressed as NO₂, emissions from this facility's air contaminant sources, in order to verify compliance with the synthetic minor NO_x emission restriction, as well as the supporting data and documentation used to generate the rolling 12-month emissions calculations,

(3) Anthracite coal analyses or fuel certification from the supplier for each of the shipments of anthracite coal accepted at the facility,

(4) Distillate #2 fuel oil and diesel analyses or fuel certification from the fuel supplier(s) for each of the shipments of fuel oil and diesel accepted at the facility,

(5) The rolling 12-month emissions calculations for the total combined hazardous air pollutant (HAP) emissions from this facility's air contaminant sources, in order to verify compliance with the synthetic minor HAP emission restrictions.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (for the reporting period from January 1 through December 31) and September 1 (for the reporting period from July 1 through June 30) for the previous 12 consecutive month period.

**SECTION C. Site Level Requirements****# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

020 [25 Pa. Code §127.442]**Reporting requirements.**

(a) The permittee shall report malfunctions 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. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

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

(c) When the malfunction, excess emissions or deviation from this operating permit requirements poses an imminent danger to the public health, safety, welfare, or environment shall be reported by telephone to the Department and the County Emergency Management Agency within one (1) hour after the incident. The owner or operator shall submit a written report of instances of such incidents to the Department within three (3) business days of the telephone report.

(d) Except as reported to the Department in accordance with 25 Pa. Code Chapter 139 and the Department's Continuous Source Monitoring Manual, any malfunction or excess emissions that is not subject to the notice requirements of subsection (c) of this operating permit condition shall be reported to the Department within 24 hours of discovery or the next business day. In notifying the Department, the permittee shall describe the following:

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

(e) The permittee shall notify the Department within 24 hours, or the next business day, when corrective measures have been accomplished.

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

021 [25 Pa. Code §135.3]**Reporting**

(a) A person who owns or operates a source to which this chapter applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year a source 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) n/a

(c) A source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

**SECTION C. Site Level Requirements****# 022 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all request, reports, applications, submittals, and other communications required by 40 CFR Sections 60.40c - 60.48c must be made to both the Department of Environmental Protection and the U. S. Environmental Protection Agency. The copies may be sent to:

Office of Compliance and Enforcement
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

and

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

023 [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?**

Within 60 days after the date of completing each performance test (defined in §63.2) as required by 40 CFR Part 63 Subpart JJJJJJ you must submit the results of the performance tests, including any associated fuel analyses, required by this subpart to EPA's WebFIRE database by using CEDRI that is accessed through EPA's CDX (www.epa.gov/cdx). Performance test data must be submitted in the file format generated through use of EPA's Electronic Reporting Tool (ERT) (see <http://www.epa.gov/ttn/chief/ert/index.html>). Only data collected using test methods on the ERT Web site are subject to this requirement for submitting reports electronically to WebFIRE. Owners or operators who claim that some of the information being submitted for performance tests is confidential business information (CBI) must submit a complete ERT file including information claimed to be CBI on a compact disk or other commonly used electronic storage media (including, but not limited to, flash drives) to EPA. The electronic media must be clearly marked as CBI and mailed to U.S. EPA/OAPQS/CORE CBI Office, Attention: WebFIRE Administrator, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same ERT file with the CBI omitted must be submitted to EPA via CDX as described earlier in this paragraph. At the discretion of the delegated authority, you must also submit these reports, including CBI, to the delegated authority in the format specified by the delegated authority. For any performance test conducted using test methods that are not listed on the ERT Web site, the owner or operator shall submit the results of the performance test in paper submissions to the Administrator at the appropriate address listed in 40 CFR § 63.13.

The EPA address from 40 CFR § 63.13 is as follows.
EPA Region III
Director, Air Protection Division
1650 Arch Street
Philadelphia, PA 19103.

VI. WORK PRACTICE REQUIREMENTS.**# 024 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(c) A person responsible for any source specified in subsections (a)(1) -- (7) or (9) 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, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which

**SECTION C. Site Level Requirements**

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.

025 [25 Pa. Code §121.7]

Prohibition of air pollution.

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

026 [25 Pa. Code §123.31]

Limitations

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

027 [25 Pa. Code §129.14]

Open burning operations

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** Permit Shield In Effect *****

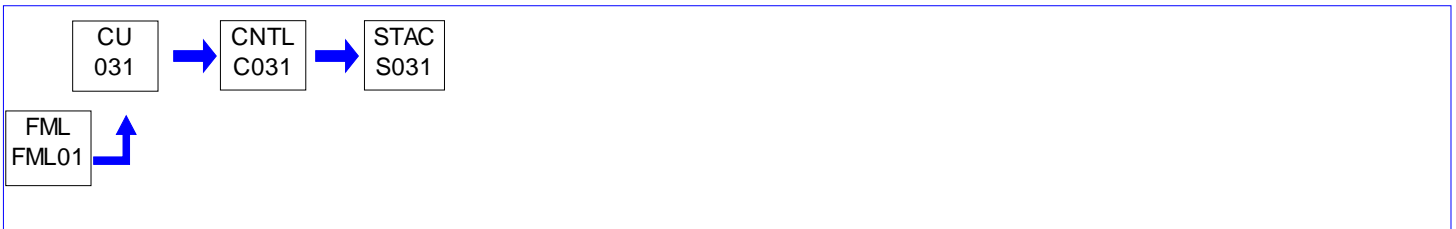
**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: E KEELER BOILER 1

Source Capacity/Throughput: 28.600 MMBTU/HR

1.080 Tons/HR Anthracite

**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).

003 [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.

004 [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.

Fuel Restriction(s).**# 005 [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.**# 006 [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 §

**SECTION D. Source Level Requirements**

63.11220.

007 [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.

008 [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.

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

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

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

III. MONITORING REQUIREMENTS.**# 010 [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).

(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.

**SECTION D. Source Level Requirements**

(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.

011 [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).

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

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

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.

(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.

013 [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.**# 014 [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 D. Source Level Requirements**

40 CFR § 63.11225.

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

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

(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.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

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.

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

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

(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.

V. REPORTING REQUIREMENTS.**# 018 [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.**# 019 [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.

**SECTION D. Source Level Requirements****# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

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.

VII. ADDITIONAL REQUIREMENTS.**# 021 [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 JJJJJ. The permittee shall comply with all of the applicable requirements pertaining to this source, as specified in Subpart JJJJJ, (40 CFR §§ 63.11193 through 63.11237).

022 [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).

*** **Permit Shield in Effect.** ***

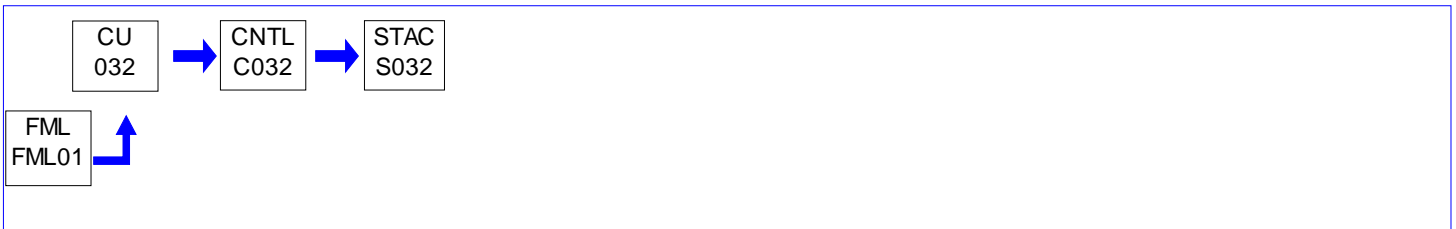
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: E KEELER BOILER 2

Source Capacity/Throughput: 28.600 MMBTU/HR

1.080 Tons/HR Anthracite

**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 C032 associated with Source ID 032 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 032 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).

003 [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.

004 [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.

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

The permittee shall only use anthracite coal as fuel to operate Source ID 032.

II. TESTING REQUIREMENTS.**# 006 [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 §

**SECTION D. Source Level Requirements**

63.11220.

007 [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.

008 [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.

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

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

Upon the Department's request, the permittee shall provide analyses, or samples, of the coal fired in Source ID 032.

III. MONITORING REQUIREMENTS.**# 010 [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).

(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.

**SECTION D. Source Level Requirements**

- (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.

011 [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).

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

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

The permittee shall conduct daily visible emission observations while Source ID 032 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.
- (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.

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

The Fly Ash Arrestor Corp., multicollector (C032) used to control particulate matter for Source ID 032 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.**# 014 [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 40 CFR § 63.11225.

**SECTION D. Source Level Requirements****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

(a) The permittee shall keep records, on a monthly basis, of the following operating parameters for Source ID 032:

- (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 C032), on at least a weekly basis. The pressure differential shall be recorded while Source ID 032 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.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

(a) The permittee shall keep records that demonstrate conformance with the visible emission monitoring requirements for Source ID 032.

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

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

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

For Source ID 032, 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 restrictions for particulate matter and sulfur oxides.

V. REPORTING REQUIREMENTS.**# 018 [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.**# 019 [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.

020 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

**SECTION D. Source Level Requirements**

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.

VII. ADDITIONAL REQUIREMENTS.**# 021 [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).

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Source ID 032 is an E Keeler boiler, 28.6 MMbtu/hr, anthracite coal fired. The particulate matter emissions from Source ID 032 are controlled by a Fly Ash Arrestor Corp., model #MTSA-28-9-CYT multiclone collector (C032).

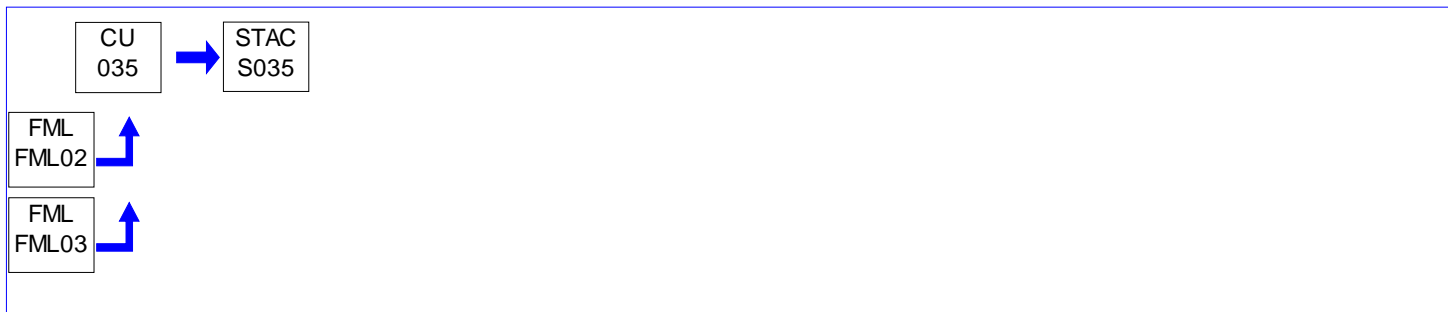
***** Permit Shield in Effect. *****

**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 ppmdv NO₂ at 3% oxygen when firing natural gas;
- (b) 90 ppmdv NO₂ at 3% oxygen when firing #2 fuel oil; and,
- (c) 400 ppmdv 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 0.05% 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.

(b) The use of distillate #2 fuel oil to operate Source ID 035 is limited to periods of gas curtailment, and maintenance and

**SECTION D. Source Level Requirements**

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.

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

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.

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

(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,

**SECTION D. Source Level Requirements**

(8) records demonstrating conformance with the 10% steam load restriction, including the date on which stack testing was performed.

(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.**

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

(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.

**SECTION D. Source Level Requirements**

(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 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).

***** Permit Shield in Effect. *****

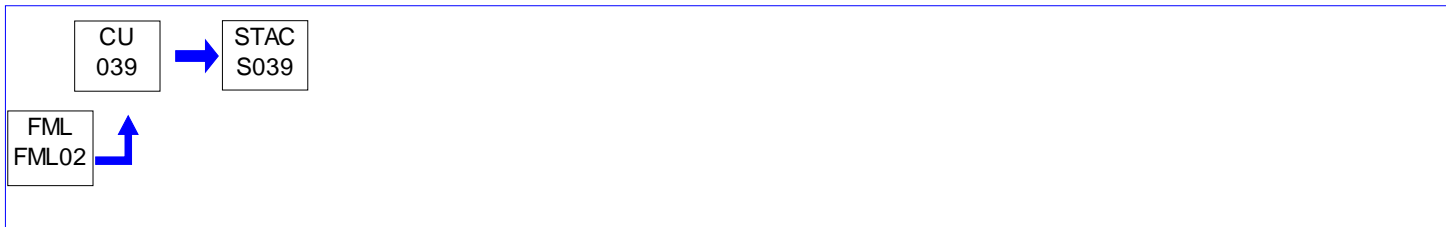
**SECTION D. Source Level Requirements**

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.

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

**SECTION D. Source Level Requirements**

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

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), 60.48c(i), and 25 Pa. Code §127.511]

(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 (Title V 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.

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

(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.



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 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).

***** Permit Shield in Effect. *****

**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 (NOx), 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.**

(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 (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.

**SECTION D. Source Level Requirements**

- (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.
- (ii) The emergency stationary RICE may be operated during emergency demand response periods, if the periods are when the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.
- (iii) The emergency stationary RICE may be operated during periods when there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.
- (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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

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

**SECTION D. Source Level Requirements**

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 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 Source IDP101 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 Source ID P101, 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.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.**# 008 [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

009 [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.

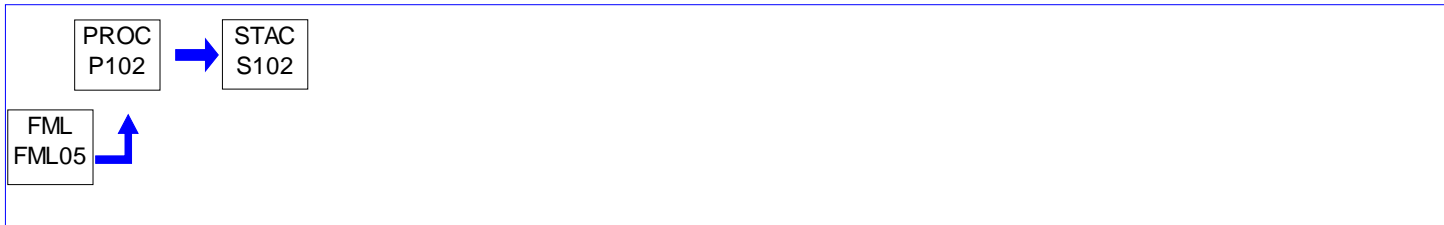
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: SEVEN (7), DIESEL-FIRED, STATIONARY EMERGENCY ENGINES

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.

(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.

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?

**SECTION D. Source Level Requirements**

(a) Except for the emergency engine located at the Farm House building, 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) 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) 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.

(ii) Any of these emergency stationary RICE may be operated during emergency demand response periods, if the periods are when the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.

(iii) Any of these emergency stationary RICE may be operated during periods when there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

(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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

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

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

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

- 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 (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.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P102 consists of seven (7), 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

G063 - Farm House - 1.4

G050 - Reed - 15

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

(a) The stationary emergency engines incorporated into Source ID P102, except for the unit located at the Farm House building, are 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 P102, as specified in 40 CFR Sections 63.6580 through 63.6675.

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

The stationary emergency engine located at the Farm House building is not subject to the National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, as codified in 40 CFR Part 63 Subpart ZZZZ, if it is operated 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.

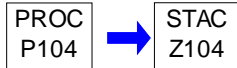
***** Permit Shield in Effect. *****

**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 (Title V General Requirements).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

- 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 (Title V 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.

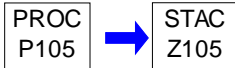
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: TWO (2) PARTS WASHERS

Source Capacity/Throughput:

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

The total combined volatile organic compounds (VOC) emissions from the parts washers (remote reservoir cold cleaning machines) incorporated as Source ID P102 shall not exceed 2.7 tons in any 12 consecutive month period.

002 [25 Pa. Code §129.63]**Degreasing operations**

The cleaning solvent used in the two (2) parts washers incorporated as Source ID P105 shall not have a vapor pressure at 20 degrees Celsius greater than 1.0 millimeter of mercury and contain more than 5% volatile organic compounds (VOC), by weight.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

(a) The permittee shall keep accurate and comprehensive records, on a monthly basis, of the rolling 12-month volatile organic compounds emissions calculation for the parts washers, in order to demonstrate compliance with the VOC emissions restriction, along with the supporting documentation and data used for the calculations.

(b) All information kept to satisfy this recordkeeping requirement shall be kept for a minimum of five (5) years and made available to the Department upon request.

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

The permittee shall keep accurate and comprehensive records of the following information;

(A) The name and address of the solvent supplier.

(B) The type of cleaning solvent, including the product or vendor identification number, and the VOC content of the solvent in units of % by weight.

(C) The vapor pressure of the cleaning solvent at 20 degrees Celsius, in units of millimeters of mercury.

The records shall be kept for minimum of five (5) years and 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 (Title V General Requirements).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §129.63]****Degreasing operations**

Each of the two (2) parts washers incorporated as Source ID P105 shall have a permanent, conspicuous label summarizing the following operating practices and requirements for that parts washer;

- (A) 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 parts washer.
- (B) Work area fans should be located and positioned so that they do not blow across the opening of the parts washer.
- (C) 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.
- (D) Flushing of parts using a flexible hose or other flushing device shall be performed only within the parts washer. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (E) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the parts washer.
- (F) Spills during solvent transfer and use of the parts washer shall be cleaned immediately.

006 [25 Pa. Code §129.63]**Degreasing operations**

The parts washers incorporated as Source ID P105 shall be operated in accordance with the following requirements;

- (A) 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 parts washer.
- (B) Work area fans should be located and positioned so that they do not blow across the opening of the parts washer.
- (C) 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.
- (D) Flushing of parts using a flexible hose or other flushing device shall be performed only within the parts washer. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (E) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the parts washer.
- (F) Spills during solvent transfer and use of the parts washer shall be cleaned immediately.

007 [25 Pa. Code §129.63]**Degreasing operations**

If a part washer is not equipped with a 6 inch diameter or smaller perforated drain, the permittee shall always keep a lid which covers the parts washer on it at all times, except during cleaning of parts or the addition or removal of cleaning solvent.

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

Source ID P105 consists of two (2) parts washers, (remote reservoir cold cleaning machines), identified as the following;

Company ID - Manufacturer Model No. - Reservoir Capacity (gallons) - Location

DS001 - Everclear Model No. 103889 - 30 - Power Plant Building No. 28

DS002 - NAPA Model No. 823-2904 - 3 - Transportation Garage

***** Permit Shield in Effect. *****



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION F. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION G. Miscellaneous.**

Revision No. 1, which was issued on November 16, 2015, was an administrative amendment to incorporate the requirements of General Plan Approval GP1-47-035, issued for the construction of Source ID 039, into the Title V Operating Permit.



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