



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

**STATE ONLY NATURAL MINOR OPERATING PERMIT**

Issue Date: October 19, 2021

Effective Date: October 19, 2021

Expiration Date: October 18, 2026

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

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

**State Only Permit No: 55-00002**

Natural Minor

Federal Tax Id - Plant Code: 23-6003113-13

**Owner Information**

Name: PADHS

Mailing Address: PO BOX 500  
SELINGROVE, PA 17870

**Plant Information**

Plant: PADHS/SELINGROVE CTR

Location: 55 Snyder County 55913 Penn Township

SIC Code: 8069 Services - Specialty Hospitals, Except Psychiatric

**Responsible Official**

Name: JOHN SLOYER

Title: FACILITY COO

Phone: (570) 372 - 5610

Email: JSLOYER@pa.gov

**Permit Contact Person**

Name: SCOTT SHREFFLER

Title: SAFETY &amp; ENV SPECIALIST

Phone: (717) 787 - 4064

Email: sshreffler@pa.gov

[Signature] \_\_\_\_\_

*MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION*



## SECTION A. Table of Contents

### Section A. Facility/Source Identification

Table of Contents  
Site Inventory List

### Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #016 Reactivation
- #015 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.
- #024 Reporting
- #023 Report Format

### Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

### Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

### Section E. Source Group Restrictions

- E-I: Restrictions



## SECTION A. Table of Contents

- E-II: Testing Requirements
- E-III: Monitoring Requirements
- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

### Section F. Alternative Operating Scenario(s)

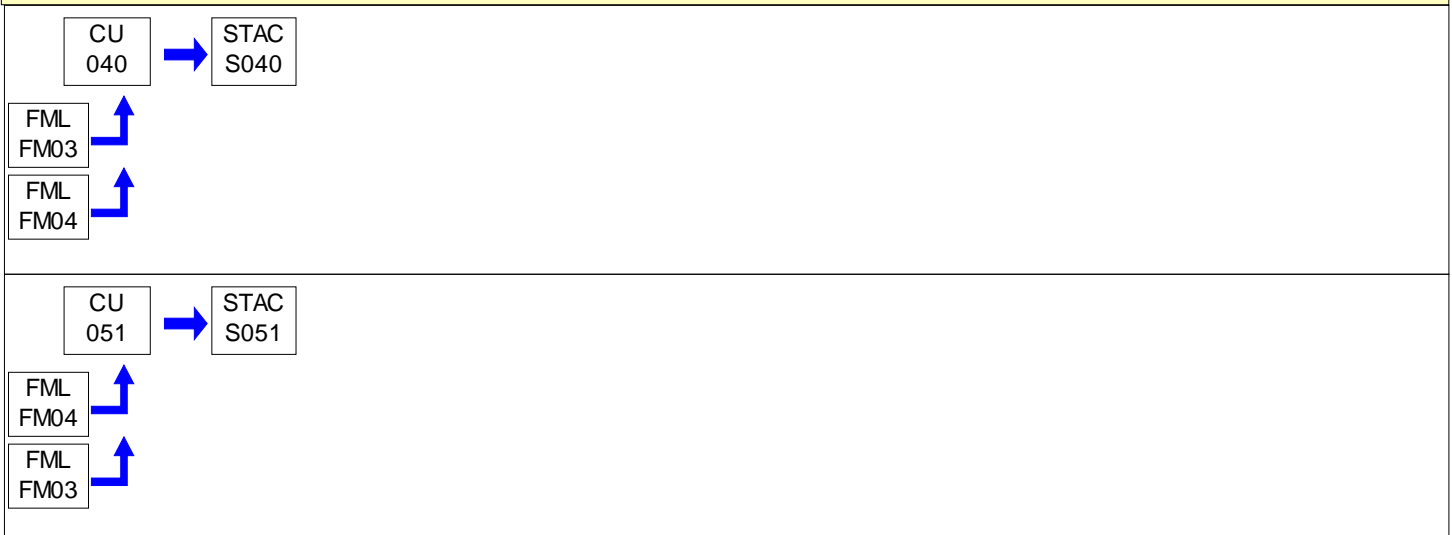
- F-I: Restrictions
- F-II: Testing Requirements
- F-III: Monitoring Requirements
- F-IV: Recordkeeping Requirements
- F-V: Reporting Requirements
- F-VI: Work Practice Standards
- F-VII: Additional Requirements

### Section G. Emission Restriction Summary

### Section H. Miscellaneous

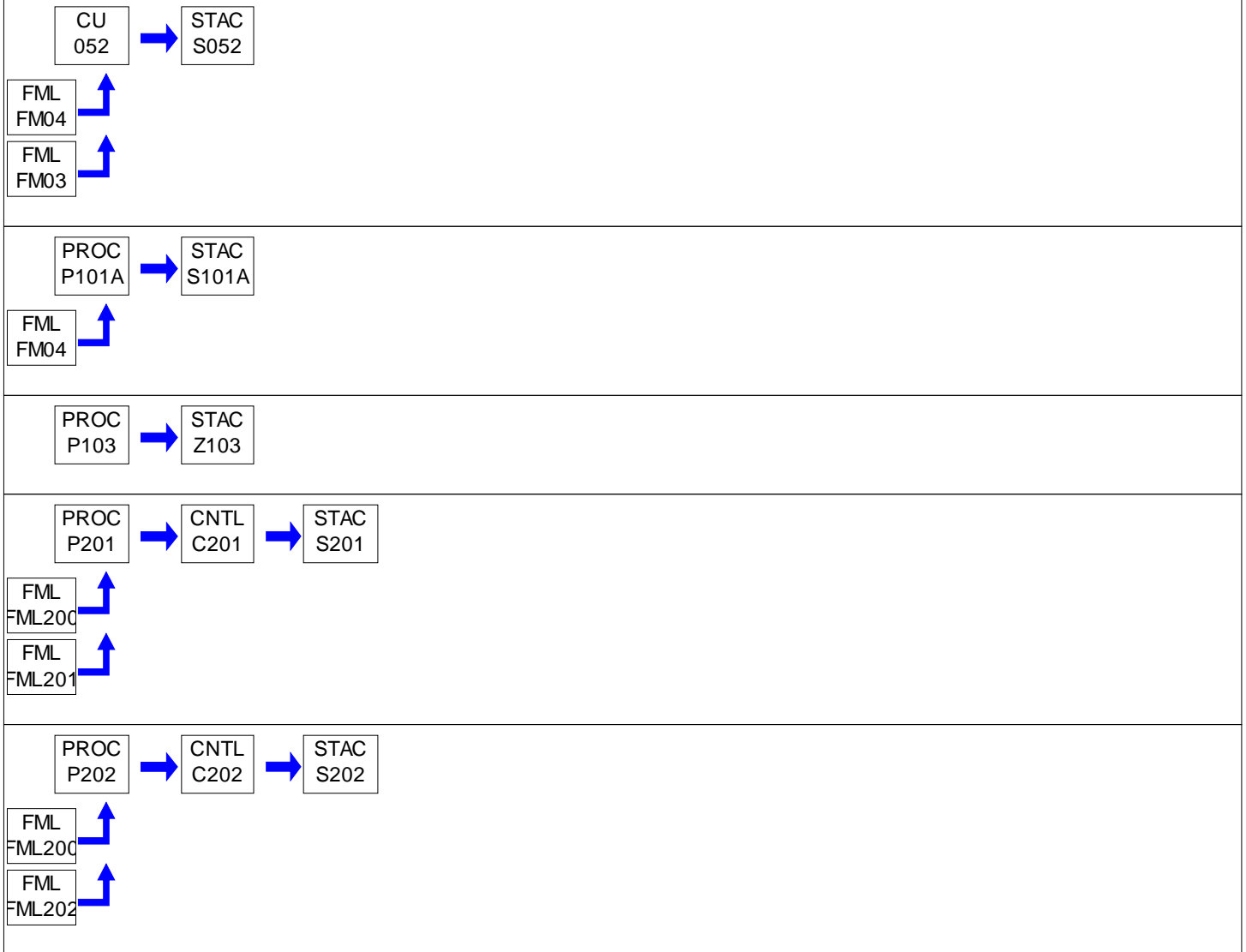
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
040	HURST BOILER	14.700 MMBTU/HR	
051	400-HP DUAL FUEL BOILER (#1)		
052	400-HP DUAL FUEL BOILER (#2)		
P101A	NEW DIESEL FIRED GENERATOR ENGINES		
P103	PARTS WASHERS		
P201	1492-HP DIESEL FIRED (COMPRESSION IGNITED) RICE	10.400 MMBTU/HR	
P202	1492-HP DIESEL FIRED (COMPRESSION IGNITED) RICE	10.400 MMBTU/HR	
C201	OXIDATION CATALYST		
C202	OXIDATION CATALYST		
FM03	NATURAL GAS LINE		
FM04	DISTILLATE OIL TANKS		
FML200	OUTDOOR DIESEL STORAGE TANK		
FML201	DAY TANK		
FML202	DAY TANK		
S040	HURST BOILER STACK		
S051	BOILER 1 STACK		
S052	BOILER 2 STACK		
S101A	NEW DIESEL GENERATOR ENGINES STACKS		
S201	STACK		
S202	STACK		
Z103	PARTS WASHERS FUGITIVES		

**PERMIT MAPS**



### PERMIT MAPS



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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



**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> at the facility during the term of the permit.

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

(4) Six-tenths of a ton of PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

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

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) Section 127.14 (relating to exemptions)

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001(1)-(7) above if the emissions are visible at the point the emissions pass outside the person's property.

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

No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

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

The emission limitations of 25 Pa Code Section 123.41 shall not apply when:

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

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

[Compliance with the fuel restrictions of this permit condition will assure compliance with 25 Pa. Code Section 123.22(a)(2)]

(a) Any #2 fuel oil accepted at the facility shall be virgin fuel to which no reclaimed oil, waste oil, or any other waste materials have been added.

(b) The sulfur content of the #2 fuel accepted at the facility until August 31, 2020 shall not exceed 0.05%, by weight. After August 31, 2020, the sulfur content of the #2 fuel accepted at the facility shall not exceed 15 ppm or 0.0015%, by weight.

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

(a) The permittee shall sample all deliveries of #2 fuel and perform sampling analysis in accordance with the provisions of 25 Pa. Code Chapter 139, to determine the sulfur content (ppm or percentage, by weight) and verify compliance with the sulfur content restriction.

(b) In lieu of performing sampling and analysis on each of the received deliveries, the permittee shall obtain a copy of the fuel shipment analysis report from the fuel supplier(s), to monitor the sulfur content (ppm or percentage, by weight) and verify compliance with the sulfur content restriction. The analysis report shall be signed and certified by the responsible individual(s) representing the fuel supplier(s). The certification shall be as follows, "based on information and belief formed after reasonable inquiry, the results contained in the fuel shipment analysis report are true, accurate and complete."

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

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

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

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

**SECTION C. Site Level Requirements**

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

(g) Pursuant to 25 Pa. Code § § 139.53(a)(1) and 139.53(a)(3), one electronic copy and one hard copy of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified by postmark. In addition, one electronic copy and one hard copy shall be sent to the PSIMS Administrator in Central Office. Mail and email addresses are provided on the PA DEP website.

(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.

**# 008 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the person responsible for a source shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

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

(a) As specified in 25 Pa. Code 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 effect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokenetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

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

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

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



**SECTION C. Site Level Requirements**

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

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

(a) The permittee shall conduct perimeter inspections of the facility during daylight hours, on a weekly basis, while the steam plant (Bldg. #30) associated with this facility is in operation. Inspections shall be performed no later than 7 days after the previous inspection and are necessary to determine the following:

- (1) The presence of visible emissions from stacks;
- (2) The presence of visible fugitive emissions;
- (3) The presence of malodors.

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

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

The permittee shall create and maintain records of the sampling and analysis documentation or the fuel shipment analysis reports. These records shall be kept for a minimum of five (5) years and made available to the Department upon request.

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

(a) The permittee shall keep record of the perimeter inspections in a logbook. The logbook shall include the name of the facility representative and the date and time of each performance, sources in operation and operating conditions during each performance, result of each performance (i.e. if detection of visible emissions, visible fugitive emissions, or malodors occurred).

(b) For each occurrence when visible emissions, visible fugitive emissions, or malodors were detected, the permittee shall keep record of the date and time of occurrence, name of manager informed, and the date and time of corrective action.

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

**# 014 [25 Pa. Code §135.5]****Recordkeeping**

The permittee shall keep and make available upon request by the Department records including computerized records that may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21 (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 direct means.

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

[Authority is also derived from 40 CFR Parts 60 and 63]

(a) The submission of all of the requests, reports, applications, submittals and other communications required by the National Emission Standards for Hazardous Air Pollutants for Source Categories, as codified in 40 CFR Part 63, or the Standards of Performance for New Stationary Sources, as codified in 40 CFR Part 60, shall be submitted to both the U. S. Environmental Protection Agency (EPA) and the Department.

(b) The EPA copies shall be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form specific to a subpart is not available in CEDRI at the time that the report

**SECTION C. Site Level Requirements**

is due, the written report shall be submitted to EPA at the following address.

EPA Region III  
 Director  
 Air Protection Division  
 1650 Arch Street  
 Philadelphia, PA 19103

**# 016 [25 Pa. Code §127.442]****Reporting requirements.**

Malfunctions, Emergencies or Incidents of Excess Emissions

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

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

(c) The report shall describe the following:

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

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

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

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

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

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

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit 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

**SECTION C. Site Level Requirements**

first operated during the preceding calendar year and sources modified during the same period which were not previously reported.

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

(c) 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.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 018 [25 Pa. Code §123.1]  
Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions for any source specified in Condition #001(1) - (7) above to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

(3) Paving and maintenance of roadways.

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 019 [25 Pa. Code §121.7]  
Prohibition of air pollution.**

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

**# 020 [25 Pa. Code §123.31]  
Limitations**

No person may 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.

**# 021 [25 Pa. Code §129.14]  
Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code 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 State Only General Requirements).

**IX. COMPLIANCE SCHEDULE.**

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 040

Source Name: HURST BOILER

Source Capacity/Throughput: 14.700 MMBTU/HR

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

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID 040 in excess of 0.40 pounds per million Btu of heat input.

**# 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<sub>x</sub>), expressed as SO<sub>2</sub> into the outdoor atmosphere from Source ID 040 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

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

Emissions from Source ID 040 shall be equal to or less than:

- 30 ppm<sub>dv</sub> NO<sub>x</sub> at 3% O<sub>2</sub> when firing gas;
- 90 ppm<sub>dv</sub> NO<sub>x</sub> at 3% O<sub>2</sub> when firing No. 2 fuel oil; and
- 300 ppm<sub>dv</sub> CO at 3% O<sub>2</sub>

**Fuel Restriction(s).****# 004 [25 Pa. Code §123.22]****Combustion units**

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR 60.42c(d)]

(a) The permittee shall only use natural gas or virgin #2 fuel oil as fuel for Source ID 040, to which there has been no reclaimed / reprocessed oil or waste oil or other waste material added to the #2 fuel oil.

(b) The sulfur content of the #2 fuel oil fired in Source ID 040 shall not, at any time, exceed 15 ppm or 0.0015% (by weight), except as specified in 25 Pa. Code §123.22(a)(ii)-(iii).

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

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

**III. MONITORING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall install and maintain the necessary meter(s) to determine and to record amount of fuel used in Source ID 040.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [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.**

[Additional authority for this streamlined permit condition is also derived from 25 Pa. Code § 127.441]

- (a) The permittee shall maintain records of fuel certifications in accordance with 40 CFR 60.48c(f)(1).
- (b) The permittee shall create and maintain records of the amount of each fuel combusted in Source ID 040 during each calendar month in accordance with 40 CFR 60.48c(g)(2).
- (c) These records shall be kept for a minimum of 5 years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 007 [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) Every six months, the permittee shall submit fuel certification documentation including the fuel purchase contract, tariff sheet, etc. and a signed statement from the responsible official that certifies the fuel documentation is representative of the natural gas and/or fuel oil used to operate Source ID 040 during the reporting period.
- (b) The reports shall be submitted to the Department and EPA no later than March 1 for the reporting period of July 1 through December 31 (of the previous year) and September for the reporting period of January 1 through June 30.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall be operated and maintained Source ID 040 in a manner consistent with good operating and maintenance practices and in accordance with manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 040 is a Hurst Model #S500-350-300G, Low-NOx Package Boiler rated at 14.7 MMbtu/hr, capable of firing natural gas or #2 fuel oil.

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

- (a) The permittee shall provide fuel analyses, or fuel samples of the fuel used in Source ID 040 upon request.
- (b) If, at any time, the Department has cause to believe that air contaminant emissions from Source ID 040 are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C,

**SECTION D. Source Level Requirements**

Article III, the permittee shall conduct tests deemed necessary by the Department to determine the actual emission rate(s).

**# 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 040 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 the applicable requirements pertaining to Source ID 040, as specified in 40 CFR Sections 60.40c - 60.48c.

**# 012 [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.**

Source ID 040 is exempt from 40 CFR Part 63 Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources.

Pursuant to 40 CFR § 63.11195(e), a dual-fuel boiler that burns gaseous fuels not combined with any solid fuels and burns liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel is not subject to the requirements of Subpart JJJJJJ.

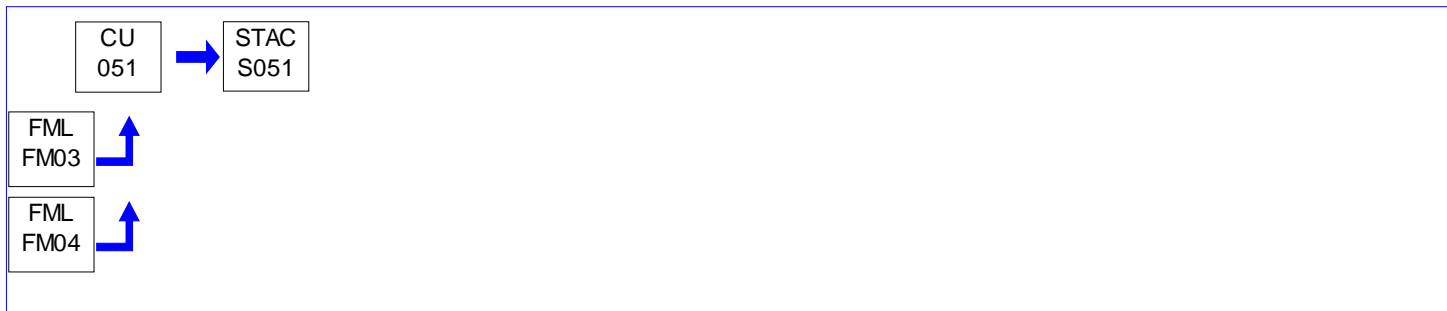
Source ID 040 shall be operated in accordance with this definition of a "gas-fired boiler" provided in Subpart JJJJJJ.

**SECTION D. Source Level Requirements**

Source ID: 051

Source Name: 400-HP DUAL FUEL BOILER (#1)

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID 051 in excess of 0.40 pounds per million Btu of heat input.

**# 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<sub>x</sub>), expressed as SO<sub>2</sub> into the outdoor atmosphere from Source ID 051 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

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

Emissions from Source ID 051 shall be equal to or less than:

- 30 ppm<sub>dv</sub> NO<sub>x</sub> at 3% O<sub>2</sub> when firing gas;
- 90 ppm<sub>dv</sub> NO<sub>x</sub> at 3% O<sub>2</sub> when firing No. 2 fuel oil; and
- 300 ppm<sub>dv</sub> CO at 3% O<sub>2</sub>

**Fuel Restriction(s).****# 004 [25 Pa. Code §123.22]****Combustion units**

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR 60.42c(d)]

(a) The permittee shall only use natural gas or virgin #2 fuel oil as fuel for Source ID 051, to which there has been no reclaimed / reprocessed oil or waste oil or other waste material added to the #2 fuel oil.

(b) The sulfur content of the #2 fuel oil fired in Source ID 040 shall not, at any time, exceed 15 ppm or 0.0015% (by weight), except as specified in 25 Pa. Code §123.22(a)(ii)-(iii).

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

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

**III. MONITORING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall install and maintain the necessary meter(s) to determine and to record the amount of fuel used in Source ID 051.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [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.**

[Additional authority for this streamlined permit condition is also derived from 25 Pa. Code § 127.441]

- (a) The permittee shall maintain records of fuel certifications in accordance with 40 CFR 60.48c(f)(1).
- (b) The permittee shall create and maintain records of the amount of each fuel combusted in Source ID 051 during each calendar month in accordance with 40 CFR 60.48c(g)(2).
- (c) These records shall be kept for a minimum of 5 years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 007 [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) Every six months, the permittee shall submit fuel certification documentation including the fuel purchase contract, tariff sheet, etc. and a signed statement from the responsible official that certifies the fuel documentation is representative of the natural gas and/or fuel oil used to operate Source ID 051 during the reporting period.

(b) The reports shall be submitted to the Department and EPA no later than March 1 for the reporting period of July 1 through December 31 (of the previous year) and September for the reporting period of January 1 through June 30.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall operate and maintain Source ID 051 in a manner consistent with good operating and maintenance practices and in accordance with manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 051 is a Hurst model S5-GP2-400-150 dual-fuel (natural gas and #2 fuel oil) boiler, rated at 16.8 million Btu per hour of heat input.

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 051 is exempt from 40 CFR Part 63 Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources.

Pursuant to 40 CFR § 63.11195(e), a dual-fuel boiler that burns gaseous fuels not combined with any solid fuels and burns



**SECTION D. Source Level Requirements**

liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel is not subject to the requirements of Subpart JJJJJJ.

Source ID 051 shall be operated in accordance with this definition of a "gas-fired boiler" provided in Subpart JJJJJJ.

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

(a) The permittee shall provide fuel analyses, or fuel samples of the fuel used in Source ID 051 upon request.

(b) If, at any time, the Department has cause to believe that air contaminant emissions from Source ID 051 are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C, Article III, the permittee shall conduct tests deemed necessary by the Department to determine the actual emission rate(s).

**# 012 [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.**

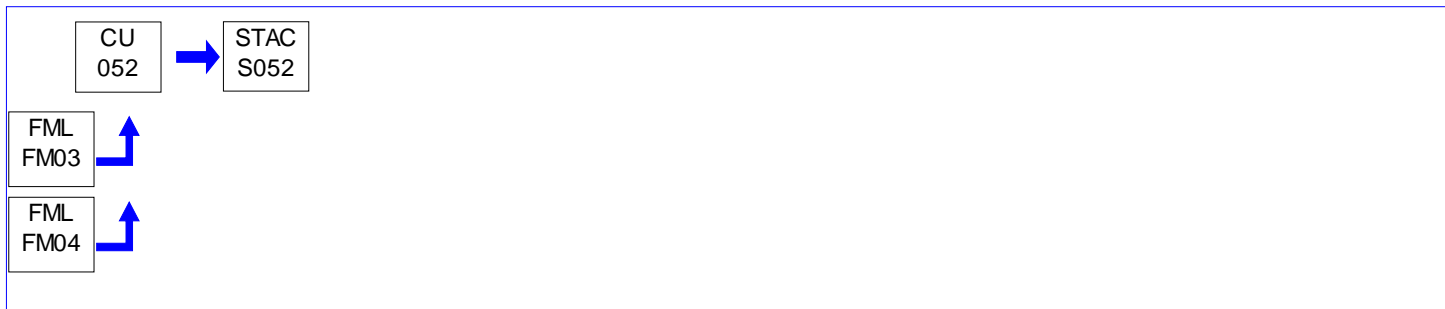
Source ID 051 is subject to the Federal Standards of Performance for New Stationary Sources as codified in 40 CFR Part 60 Subpart Dc. The permittee shall comply with the applicable requirements pertaining to Source ID 051, as specified in 40 CFR Sections 60.40c - 60.48c.

**SECTION D. Source Level Requirements**

Source ID: 052

Source Name: 400-HP DUAL FUEL BOILER (#2)

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID 052 in excess of 0.40 pounds per million Btu of heat input.

**# 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<sub>x</sub>), expressed as SO<sub>2</sub> into the outdoor atmosphere from Source ID 052 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

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

Emissions from Source ID 052 shall be equal to or less than:

- 30 ppm<sub>dv</sub> NO<sub>x</sub> at 3% O<sub>2</sub> when firing gas;
- 90 ppm<sub>dv</sub> NO<sub>x</sub> at 3% O<sub>2</sub> when firing No. 2 fuel oil; and
- 300 ppm<sub>dv</sub> CO at 3% O<sub>2</sub>

**Fuel Restriction(s).****# 004 [25 Pa. Code §123.22]****Combustion units**

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR 60.42c(d)]

(a) The permittee shall only use natural gas or virgin #2 fuel oil as fuel for Source ID 052, to which there has been no reclaimed / reprocessed oil or waste oil or other waste material added to the #2 fuel oil.

(b) The sulfur content of the #2 fuel oil fired in Source ID 040 shall not, at any time, exceed 15 ppm or 0.0015% (by weight), except as specified in 25 Pa. Code §123.22(a)(ii)-(iii).

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

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

**III. MONITORING REQUIREMENTS.**

**# 005 [25 Pa. Code §123.22]**

**Combustion units**

The permittee shall install and maintain the necessary meter(s) to determine and to record the amount of fuel used in Source ID 052.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [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.**

[Additional authority for this streamlined permit condition is also derived from 25 Pa. Code § 127.441]

- (a) The permittee shall maintain records of fuel certifications in accordance with 40 CFR 60.48c(f)(1).
- (b) The permittee shall create and maintain records of the amount of each fuel combusted in Source ID 052 during each calendar month in accordance with 40 CFR 60.48c(g)(2).
- (c) These records shall be kept for a minimum of 5 years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 007 [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) Every six months, the permittee shall submit fuel certification documentation including the fuel purchase contract, tariff sheet, etc. and a signed statement from the responsible official that certifies the fuel documentation is representative of the natural gas and/or fuel oil used to operate Source ID 052 during the reporting period.
- (b) The reports shall be submitted to the Department and EPA no later than March 1 for the reporting period of July 1 through December 31 (of the previous year) and September for the reporting period of January 1 through June 30.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall operate and maintain Source ID 052 in a manner consistent with good operating and maintenance practices and in accordance with manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

- (a) The permittee shall provide fuel analyses, or fuel samples of the fuel used in Source ID 052 upon request.
- (b) If, at any time, the Department has cause to believe that air contaminant emissions from Source ID 052 are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C, Article III, the permittee shall conduct tests deemed necessary by the Department to determine the actual emission rate(s).

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 052 is exempt from 40 CFR Part 63 Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants

**SECTION D. Source Level Requirements**

for Industrial, Commercial, and Institutional Boilers Area Sources.

Pursuant to 40 CFR § 63.11195(e), a dual-fuel boiler that burns gaseous fuels not combined with any solid fuels and burns liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel is not subject to the requirements of Subpart JJJJJJ.

Source ID 052 shall be operated in accordance with this definition of a "gas-fired boiler" provided in Subpart JJJJJJ.

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 052 is a Hurst model S5-GP2-400-150 dual-fuel (natural gas and #2 fuel oil) boiler, rated at 16.8 million Btu per hour of heat input.

**# 012 [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.**

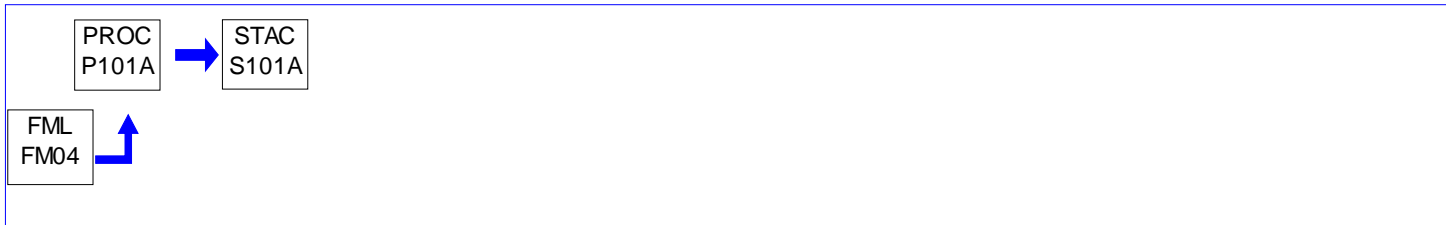
Source ID 052 is subject to the Federal Standards of Performance for New Stationary Sources as codified in 40 CFR Part 60 Subpart Dc. The permittee shall comply with the applicable requirements pertaining to Source ID 052, as specified in 40 CFR Sections 60.40c - 60.48c.

**SECTION D. Source Level Requirements**

Source ID: P101A

Source Name: NEW DIESEL FIRED GENERATOR 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 any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain 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 into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 100 pounds per hour.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 1000 pounds per day.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 2.75 tons per any ozone season period (May 1 through September 30).

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 6.6 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is also derived from 40 CFR § 60.4205(b)]

The engine included in Source ID P101A shall meet the following certification emission standards for new nonroad CI engines for the same model year and maximum engine power specified in 40 CFR § 89.112 and 40 CFR § 89.113:

- (a) Nonmethane Hydrocarbons and Nitrogen Oxides (NMHC + NO<sub>x</sub>): 4.0 g/kW-hr
- (b) Carbon Monoxide (CO): 3.5 g/kW-hr
- (c) Particulate Matter (PM): 0.20 g/kW-hr

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

[Additional authority for this permit condition is also derived from 40 CFR § 60.4207(b)]

The engine associated with Source ID P101A shall only be fired on diesel fuel to which there has been no reclaimed or waste oil or other waste material added. Additionally, the diesel fuel shall meet the following per-gallon standards:

(1) Sulfur content:

(i) 15 ppm maximum

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

**Operation Hours Restriction(s).****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Section 60.4211(f)]

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for the purposes specified in paragraphs (f)(2)(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary ICE 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. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or nonemergency 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.

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

The emergency engine associated with Source ID P101A shall not be operated in excess of 500 hours in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

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

[Additional authority for this permit condition is also derived from 40 CFR § 60.4209(a)]

The emergency engine associated with Source ID P101A shall be equipped with a non-resettable hour meter to monitor the hours of operation.

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

The permittee shall keep record of the following information to show compliance with the NOx emissions restrictions applicable to the engines located at the facility.

- (1) the engines that operated in any hour and calendar day;
- (2) the hours of operation for each engine during any calendar day, ozone season period and rolling 12-month period;
- (3) the combined total NOx emissions calculations in any hour, calendar day, ozone season period and rolling 12-month period.

**V. REPORTING REQUIREMENTS.**

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

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

[Additional authority for this permit condition is also derived from 40 CFR § 60.4211(a)]

The permittee shall comply with the following requirements for the engine included in Source ID P101A:

- (1) Operate and maintain the stationary CI internal combustion engine according to the manufacturer's emission-related written instructions;
- (2) Change only those emission-related settings that are permitted by the manufacturer; and
- (3) Meet the applicable requirements of 40 CFR part 1068.

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

Source ID P101A consists of one (1) diesel-fired emergency generator engine which includes the following:

- (a) One (1) emergency generator engine, diesel-fired, Caterpillar engine, Model C13, 546 brake-horsepower (Bhp) located at the water treatment plant (Building 43).

**# 015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

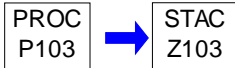
The emergency diesel-fired generator engine included in Source ID P101A is subject to 40 CFR Part 60 Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. The permittee shall comply with all applicable requirements of 40 CFR §§ 60.4200 through 60.4219 for Source ID P101A.

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: PARTS WASHERS

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

The vapor pressure of any solvent used in Source ID P103 containing greater than 5% VOC content by weight shall be less than 1.0 millimeter of mercury (mm Hg) as measured at 68 °F.

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

No halogenated solvent cleaners shall be used in Source ID P103.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

Source ID P103 consist of two (2) solvent-based remote reservoir cold cleaning machines/degreasing stations/parts washer which consist of the following:

(a) One (1) Parts Cleaning Station, Ever-Clear, Model 103889, 30 gallon reservoir with closable lid, 36" x 24" x 8"



**SECTION D. Source Level Requirements**

(b) One (1) Parts Cleaning Station, Graymills, 30-gallon reservoir with closable lid, 21-3/4' x 34-3/4" x 16"

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

(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

(1) Not Applicable

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

(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 cold cleaning machine.

(B) Not Applicable

(C) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

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

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

(i) 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.

(ii) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(iv) Air agitated solvent baths may not be used.

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

(4) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

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

(ii) The type of solvent including the product or vendor identification number.

**SECTION D. Source Level Requirements**

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

(7) Not Applicable

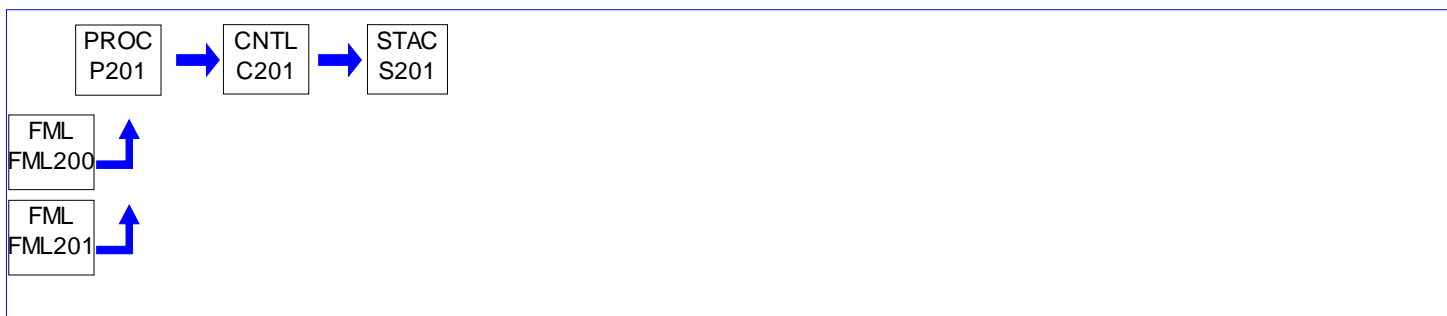
(b) - (e) Not Applicable

**SECTION D. Source Level Requirements**

Source ID: P201

Source Name: 1492-HP DIESEL FIRED (COMPRESSION IGNITED) RICE

Source Capacity/Throughput: 10.400 MMBTU/HR

**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 any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain 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 into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 100 pounds per hour.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 1000 pounds per day.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 2.75 tons per any ozone season period (May 1 through September 30).

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 6.6 tons in any 12 consecutive month period.

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

The engine associated with Source ID P201 shall only be fired on diesel fuel to which there has been no reclaimed or waste oil or other waste material added. Additionally, the diesel fuel shall meet the following per-gallon standards:

**SECTION D. Source Level Requirements**

- (1) Sulfur content.
  - (i) 15 ppm maximum
- (2) Cetane index or aromatic content, as follows:
  - (i) A minimum cetane index of 40; or
  - (ii) A maximum aromatic content of 35 volume percent.

**Operation Hours Restriction(s).****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for the purposes specified in paragraphs (f)(2)(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary ICE 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. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or nonemergency 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.

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

The emergency engine associated with Source ID P201 shall not be operated in excess of 100 hours in any 12 consecutive month period.

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

(a) The permittee shall sample all deliveries of diesel fuel and perform sampling analysis in accordance with the provisions of 25 Pa. Code Chapter 139, to determine the sulfur content (ppm) and cetane index or aromatic content, and verify compliance with the fuel restrictions.

(b) In lieu of performing sampling and analysis on each of the received deliveries, the permittee shall obtain a copy of the fuel shipment analysis report from the fuel supplier(s), to monitor the sulfur content (ppm) and cetane index or aromatic content, and verify compliance with the fuel restrictions. The analysis report shall be signed and certified by the responsible individual(s) representing the fuel supplier(s). The certification shall be as follows, "based on information and belief formed after reasonable inquiry, the results contained in the fuel shipment analysis report are true, accurate and complete."

**SECTION D. Source Level Requirements**

Records of the fuel shipment analysis reports shall be kept for minimum of five (5) years and shall be made available upon request.

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

The emergency engine associated with Source ID P201 shall be equipped with a non-resettable hour meter to monitor the hours of operation.

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

The permittee shall keep record of the following information to show compliance with the NOx emissions restrictions applicable to the engines located at the facility.

- (1) the engines that operated in any hour and calendar day;
- (2) the hours of operation for each engine during any calendar day, ozone season period and rolling 12-month period;
- (3) the combined total NOx emissions calculations in any hour, calendar day, ozone season period and rolling 12-month period.

**V. REPORTING REQUIREMENTS.**

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

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

The permittee shall assure that the engine associated with Source ID P201 is operated and maintained according to the manufacturer's emission-related operation and maintenance instructions, or the permittee shall develop and follow a site-specific maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

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

The Reciprocating Internal Combustion Engine process incorporated into Source ID P201 is manufactured by Cummins, Model KTA-3067-1 and utilized to generate back-up electricity power for the facility. Source ID P201 is equipped with an oxidation catalyst (Control Device ID C201).

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

Source ID P201 is exempt from the requirements of 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

Pursuant to 40 CFR §63.6585(f)(3), existing institutional emergency stationary RICE located at an area source of HAP emissions that do not operate or are not contractually obligated to be available for more than 15 hours per calendar year for emergency or non-emergency demand response are not subject to the requirements of Subpart ZZZZ.

The generator engine included in Source ID P201 shall be operated as an emergency RICE in accordance with the definition provided in Subpart ZZZZ and shall not participate in nor be contractually obligated to be available for any demand



**SECTION D. Source Level Requirements**

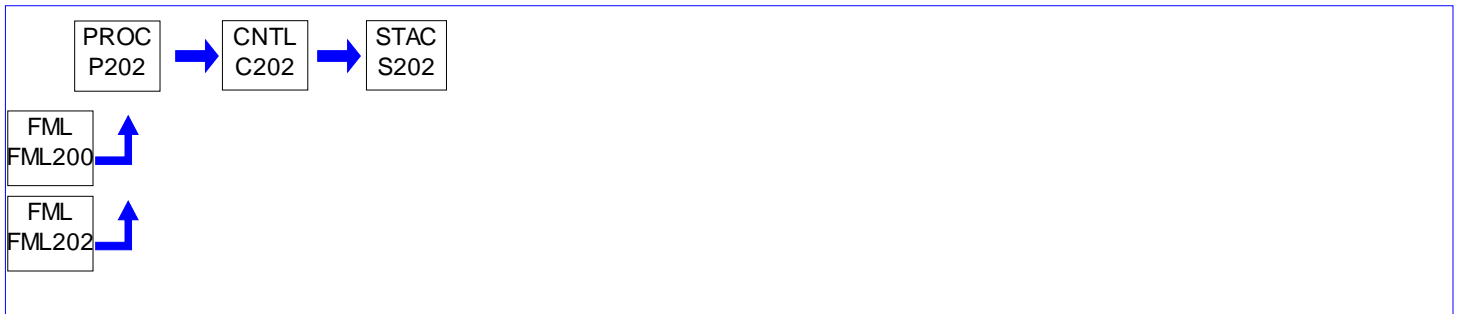
response programs.

**SECTION D. Source Level Requirements**

Source ID: P202

Source Name: 1492-HP DIESEL FIRED (COMPRESSION IGNITED) RICE

Source Capacity/Throughput: 10.400 MMBTU/HR

**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 any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain 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 into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 100 pounds per hour.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 1000 pounds per day.

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 2.75 tons per any ozone season period (May 1 through September 30).

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

The permittee shall operate each of the engines located at this facility including Source IDs P101A, P201, and P202 such that the rate of NO<sub>x</sub> emissions into the outdoor atmosphere from all engines is equal to or less than 6.6 tons in any 12 consecutive month period.

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

The engine associated with Source ID P202 shall only be fired on diesel fuel to which there has been no reclaimed or waste oil or other waste material added. Additionally, the diesel fuel shall meet the following per-gallon standards:

**SECTION D. Source Level Requirements**

- (1) Sulfur content.
  - (i) 15 ppm maximum
- (2) Cetane index or aromatic content, as follows:
  - (i) A minimum cetane index of 40; or
  - (ii) A maximum aromatic content of 35 volume percent.

**Operation Hours Restriction(s).****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for the purposes specified in paragraphs (f)(2)(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary ICE 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. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or nonemergency 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.

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

The emergency engine associated with Source ID P202 shall not be operated in excess of 100 hours in any 12 consecutive month period.

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

(a) The permittee shall sample all deliveries of diesel fuel and perform sampling analysis in accordance with the provisions of 25 Pa. Code Chapter 139, to determine the sulfur content (ppm) and cetane index or aromatic content, and verify compliance with the fuel restrictions.

(b) In lieu of performing sampling and analysis on each of the received deliveries, the permittee shall obtain a copy of the fuel shipment analysis report from the fuel supplier(s), to monitor the sulfur content (ppm) and cetane index or aromatic content, and verify compliance with the fuel restrictions. The analysis report shall be signed and certified by the responsible individual(s) representing the fuel supplier(s). The certification shall be as follows, "based on information and belief formed after reasonable inquiry, the results contained in the fuel shipment analysis report are true, accurate and complete."



**SECTION D. Source Level Requirements**

Records of the fuel shipment analysis reports shall be kept for minimum of five (5) years and shall be made available upon request.

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

The emergency engine associated with Source ID P202 shall be equipped with a non-resettable hour meter to monitor the hours of operation.

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

The permittee shall keep record of the following information to show compliance with the NOx emissions restrictions applicable to the engines located at the facility.

- (1) the engines that operated in any hour and calendar day;
- (2) the hours of operation for each engine during any calendar day, ozone season period and rolling 12-month period;
- (3) the combined total NOx emissions calculations in any hour, calendar day, ozone season period and rolling 12-month period.

**V. REPORTING REQUIREMENTS.**

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

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

The permittee shall assure that the engine associated with Source ID P202 is operated and maintained according to the manufacturer's emission-related operation and maintenance instructions, or the permittee shall develop and follow a site-specific maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

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

The Reciprocating Internal Combustion Engine process incorporated into Source ID P202 is manufactured by Cummins, Model KTA-3067-1 and utilized to generate back-up electricity power for the facility. Source ID P202 is equipped with an oxidation catalyst (Control Device ID C202).

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

Source ID P202 is exempt from the requirements of 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

Pursuant to 40 CFR §63.6585(f)(3), existing institutional emergency stationary RICE located at an area source of HAP emissions that do not operate or are not contractually obligated to be available for more than 15 hours per calendar year for emergency or non-emergency demand response are not subject to the requirements of Subpart ZZZZ.

The generator engine included in Source ID P202 shall be operated as an emergency RICE in accordance with the definition provided in Subpart ZZZZ and shall not participate in nor be contractually obligated to be available for any demand



**SECTION D. Source Level Requirements**

response programs.



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

The following air contaminant sources are considered to be of minor significance to the Department and have been determined to be exempt from permitting requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- Ten (10) #2 fuel oil storage tanks, 275 gallons
- Two (2) #2 fuel oil storage tanks, 20,000 gallons



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

---