



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: August 17, 2021 Effective Date: August 17, 2021
Expiration Date: August 16, 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: 18-00012

Synthetic Minor

Federal Tax Id - Plant Code: 23-2250505-5

Owner Information

Name: PA STATE SYS OF HIGHER ED LOCK HAVEN UNIV
Mailing Address: 410 N FAIRVIEW ST
LOCK HAVEN, PA 17745-2343

Plant Information

Plant: PA STATE SYS OF HIGHER ED/LOCK HAVEN UNIV PA
Location: 18 Clinton County 18001 Lock Haven City
SIC Code: 8221 Services - Colleges And Universities

Responsible Official

Name: WILLIAM T HANELLY
Title: VP OF FINANCE, ADM & TECH
Phone: (570) 484 - 2002 Email:

Permit Contact Person

Name: ANDY L LOVE
Title: ENERGY MGMT SPC
Phone: (570) 484 - 3980 Email:

[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.
- #015 Reactivation
- #016 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.
- #023 Reporting
- #024 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

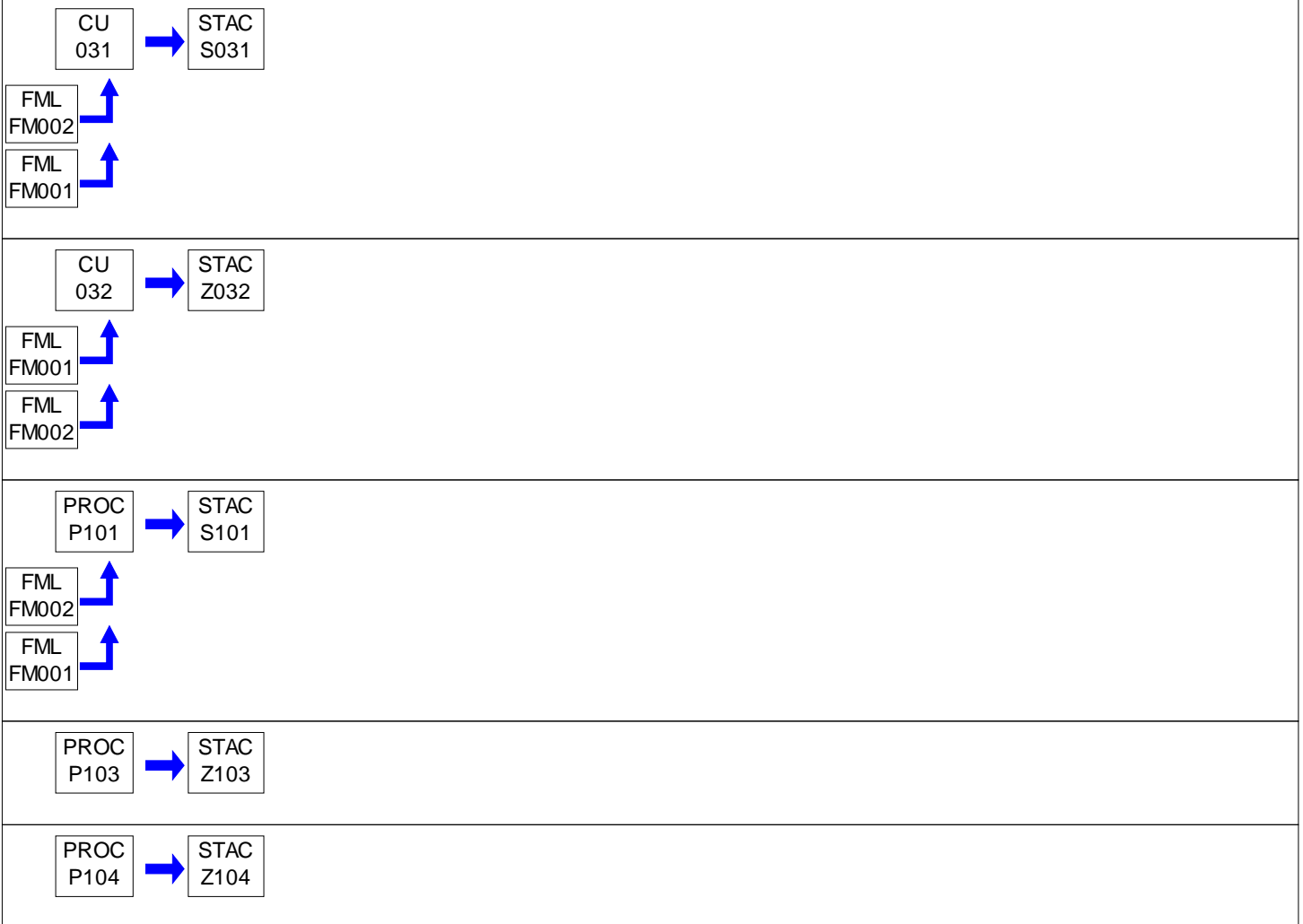
Section G. Emission Restriction Summary

Section H. Miscellaneous

SECTION A. Site Inventory List

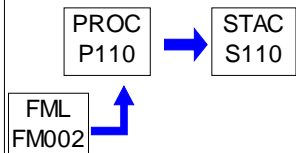
Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	BOILERS (2.5--10 MMBTU/HR)		
032	HEATERS (EACH<2.5MMBTU/HR)		
P101	EMERGENCY GENERATORS		
P103	PARTS CLEANING STATION		
P104	3000 GAL FUEL OIL TANK		
P110	EAST CAMPUS SCIENCE CENTER ENGINES		
FM001	NATURAL GAS LINE		
FM002	#2 FUEL OIL		
S031	BOILER STACKS		
S101	EMER GEN EXHAUSTS		
S110	ENGINE STACKS		
Z032	HEATER EXHAUSTS		
Z103	PARTS CLEANING STATION EMISSIONS		
Z104	FUEL OIL TANK FUG EMISS.		

PERMIT MAPS





PERMIT MAPS



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

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

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

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

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

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

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General State Only Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

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

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

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

**SECTION B. General State Only Requirements**

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

#015 [25 Pa. Code § 127.11]**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 above in Condition #001 (1) - (7) 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 emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

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

[Additional authority for this permit condition is derived from the permittee electing this Synthetic Minor restriction]

- (a) The total combined emissions of sulfur oxides (SO_x), expressed as sulfur dioxide (SO₂), from all sources at the facility shall not equal or exceed 100 tons in any 12 consecutive month period.

**SECTION C. Site Level Requirements**

(b) The total combined emissions of nitrogen oxides (NOx) from all sources at the facility shall not equal or exceed 100 tons in any 12 consecutive month period.

Fuel Restriction(s).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22(a)(2)]

The #2 fuel oil used at this facility shall be virgin fuel to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content shall not, at any time, exceed 15 ppm.

Throughput Restriction(s).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee electing this Synthetic Minor restriction]

The total amount of #2 fuel oil used at this facility shall not exceed 2,000,000 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform tests in accordance with the provisions of 25 Pa. Code Chapter 139, or provide a fuel certification report of the type of fuel oil and the percent sulfur by weight of each delivery of fuel oil delivered to the facility.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of fuel oil delivered to the facility during the year shall not exceed 15 ppm.

009 [25 Pa. Code §139.1]

Sampling facilities.

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

010 [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 material or 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 of CO, CO₂, O₂ and N₂), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that

**SECTION C. Site Level Requirements**

isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.

- (6) Laboratory procedures and results.
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and certified, to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

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

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

- (1) The presence of visible emissions.
- (2) The presence of visible fugitive emissions.
- (3) The presence of malodors beyond the facility's property boundaries.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

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

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

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

The permittee shall keep records of the following:

- (a) The supporting calculations used to verify compliance with the SO_x and NO_x emission limitations in any 12 consecutive month period for all sources at the facility.
- (b) The total amount of #2 fuel oil used at the facility each month used to verify compliance with the #2 fuel oil usage limitation in any 12 consecutive month period for all sources at the facility.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

(a) The permittee shall keep records of tests or fuel certification reports of the type of fuel oil and the percent sulfur by weight for each delivery of the fuel oil delivered to the facility to verify compliance with the 15 ppm sulfur content limitation,

OR

SECTION C. Site Level Requirements

the permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier containing the name of the fuel oil supplier and stating that the sulfur percentage for each shipment of fuel oil delivered to the facility during the year shall not exceed 15 ppm sulfur content.

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

016 [25 Pa. Code §135.5]**Recordkeeping**

The permittee shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 25 Pa. Code Section 135.3 (relating to reporting). 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. These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall submit semiannual reports of the following:

(a) The supporting calculations verifying compliance with the 12 consecutive month period SO_x and NO_x emission limitations for all sources at the facility.

(b) The monthly amount of #2 fuel oil used at the facility verifying compliance with the 12 consecutive month period #2 fuel oil usage limitation for all sources at the facility.

The semiannual reports shall be submitted to the Department no later than March 1 (for January through December of the previous year) and September 1 (for July of the previous year through June of the current year).

019 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 135.3]

(a) The permittee shall submit by March 1 of each year an annual Air Information Management System (AIMS) emission report for the preceding calendar year. The report shall include information for all previously reported sources, new sources, which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported.

(b) A source owner may request an extension of time from the Department for the filing of an annual Air Information Management System (AIMS) emission report, and the Department may grant the extension for reasonable cause.

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

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

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health,

**SECTION C. Site Level Requirements**

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.

VI. WORK PRACTICE REQUIREMENTS.**# 021 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.
- (2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

VII. ADDITIONAL REQUIREMENTS.**# 022 [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)).

023 [25 Pa. Code §123.31]**Limitations**

**SECTION C. Site Level Requirements**

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.

024 [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.

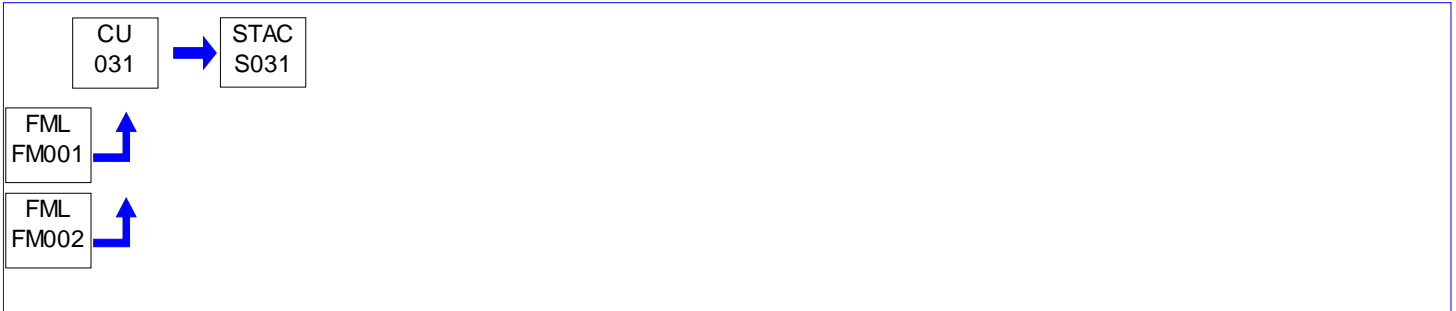
No compliance milestones exist.

SECTION D. Source Level Requirements

Source ID: 031

Source Name: BOILERS (2.5--10 MMBTU/HR)

Source Capacity/Throughput:

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

Pursuant to 25 Pa. Code Section 123.11(a)(1), no person may permit the emission into the outdoor atmosphere of particulate matter from each combustion unit of Source ID 031 in excess of the rate of 0.40 pound 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)]

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

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

Each combustion unit of Source ID 031 shall be fired on natural gas or #2 fuel oil only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

Source ID 031 consists of the following combustion units:

- (1) Two 4.11 MMBtu/hr (each), natural gas fired, Weil McClain model 1388 burner model WCR3-G-25 boilers located in East Campus.
- (2) Two 3.753 MMBtu/hr (each), natural gas fired, Weil McClain burner model WR10.1-G, boilers located in the Bentley building.
- (3) One 2.55 MMBtu/hr, natural gas/#2 fuel oil-fired, burner model CR2-GO-20A, boiler located in the High building.
- (4) Four 3.00 MMBtu/hr (each), natural gas fired, Lochinvar model FBN3000 condensing boilers located in the East Campus Science Center.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11193]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****Am I subject to this subpart?**

This source is subject to the requirements of 40 CFR Part 63 Subpart JJJJJJ Section 63.11193 - 63.11226. The permittee shall comply with all applicable requirements of this subpart.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11237]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What definitions apply to this subpart?**

This source meets the definition of a gas fired boiler as defined by 40 CFR Part 63 Subpart JJJJJJ. The permittee shall continue to comply with the following definition.

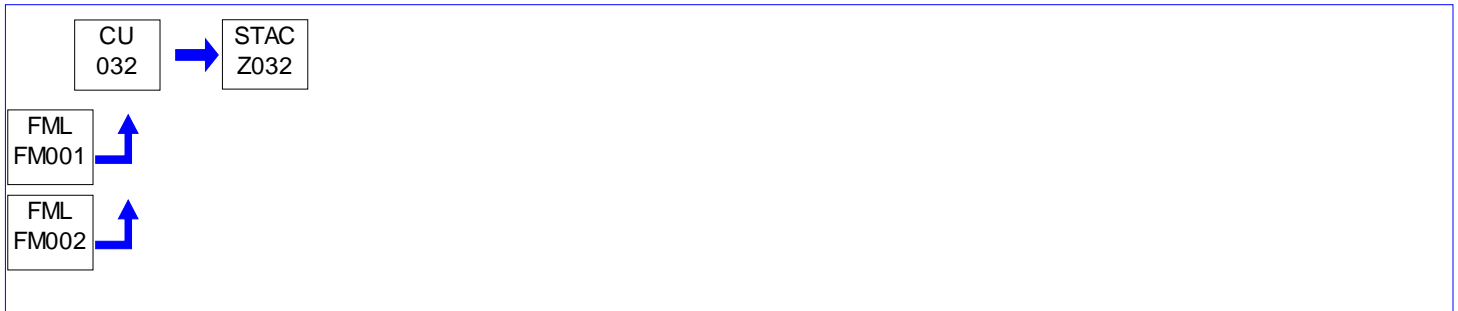
Gas-fired boiler includes any boiler that burns gaseous fuels not combined with any solid fuels and burns liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

SECTION D. Source Level Requirements

Source ID: 032

Source Name: HEATERS (EACH<2.5MMBTU/HR)

Source Capacity/Throughput:

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

001 [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)]

Pursuant to 25 Pa. Code Section 123.22(a)(1), no person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from each combustion unit of Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Each combustion unit of Source ID 032 shall be fired on natural gas or #2 fuel oil only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

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

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 032 consists of the following combustion units:

(a) Boilers:

- (1) Two 2.45 MMBtu/hr (each), natural gas fired Cleaver Brooks model CFH-60 condensing boilers, burner model G3G-250-Gn39-01, located in the Akeley building.
- (2) Two 0.3 MMBTU/hr (each), natural gas fired Aerco Modulex model MLX303H condensing boilers, burner model TRK1-20PCU VD, located in the Akeley building.
- (3) Two 2.00 MMBtu/hr (each), natural gas fired Aerco Benchmark model BMK2.0 condensing boilers, burner model #GWB431NF28, located in the Ulmer South building.
- (4) Two 1.03 MMBtu/hr (each), natural gas/#2 fuel oil-fired, burner model WR8-GO-05, boilers located in the High building.
- (5) Two 2.09 MMBtu/hr (each), natural gas/#2 fuel oil-fired, burner model WR8.3-GO-15, boilers located in the McEntire building.
- (6) One 1.71 MMBtu/hr, natural gas/#2 fuel oil-fired, burner model CR2-GO-15, boiler located in the McEntire building.
- (7) Two 1.74 MMBtu/hr (each), natural gas/#2 fuel oil-fired, burner model WR8.2-GO-07, boilers located in the North building.
- (8) One 1.71 MMBtu/hr natural gas/#2 fuel oil-fired, burner model CR2-GO-15, boiler located in the North building.
- (9) Two 0.757 MMBtu/hr (each), natural gas fired Aerco Modulex model MLX757H condensing boilers, burner model TRK1-20PCU VD, located in the Parsons building.
- (10) One 1.38 MMBtu/hr, natural gas fired, burner model CR1-GO-12, boiler located in the Parsons building.
- (11) Two 0.788 MMBtu/hr (each), natural gas fired Cleaver Books model #CFH20 condensing boilers, burner model G1G170-AB05-20, located in the Price building.
- (12) Two 1.50 MMBtu/hr (each), natural gas fired Aerco Benchmark model BMX1.5 low Nox condensing boilers located in the Stevenson building.
- (13) Two 2.00 MMBtu/hr (each), natural gas fired Aerco Benchmark model BMX2.0 condensing boilers located in the Sloan building.
- (14) Two 1.03 MMBtu/hr (each), natural gas fired, burner model WR8-GO-05, boilers and One 0.339 MMBTU/hr natural gas fired burner model Ws4.1-GO-03 boiler located in the Smith building.
- (15) Two 1.50 MMBtu/hr (each), natural gas fired Aerco Benchmark model BMX1.5 low Nox condensing boilers, burner model GWB352MF98, located in the Thomas building.
- (16) Two 1.527 MMBtu/hr, natural gas fired Weil McClain model boilers, burner model WCR2-G-15, located in the Health Professions building.
- (17) Two 0.78 MMBtu/hr (each), natural gas fired Cleaver Brooks model CFH-20 condensing boilers, burner model G1G170-

**SECTION D. Source Level Requirements**

AB05-20, located in the Ulmer North building.

(18) Two 0.61 MMBtu/hr (each), natural gas fired, burner model WS4.2-GO-03, boilers located in the Hursh/Nevel building.

(19) Two 1.30 MMBtu/hr (each), natural gas fired Lochnivar model PBN-1300-M9 boilers located in the Durrwachter Alumni Conference Center building.

(20) Two 2.09 MMBtu/hr (each), natural gas fired, burner model WR8.3-GO-15, boilers located in the Woolridge building.

(21) One 1.38 MMBtu/hr, natural gas fired, burner model CR1-GO-12, boiler located in the Woolridge building.

(22) Three 1.50 MMBtu/hr (each), natural gas fired Aerco Benchmark model BMX1.5 low NOx condensing boilers, burner model GWB352MF98, located in the Zimmerli building.

(23) Two 0.30 MMBtu/hr (each), natural gas-fired, burner model Atmospheric, boilers located in the Glennon building.

(24) Three 0.13 MMBtu/hr (each), natural gas-fired, burner model Atmospheric, boilers located in the Himes building.

(25) One 0.17 MMBtu/hr, natural gas-fired, burner model Atmospheric, boiler located in the Rec. House building.

(26) One 0.355 MMBtu/hr, nat gas/fuel oil fired Weil McClain model BL-676-9-W boiler located in the Facilities building.

(27) One 1.74 MMBtu/hr, natural gas fired, burner model WR8.2-G-07, boiler located in the Student Recreation Center.

(28) One 0.25 MMBtu/hr, natural gas fired, burner model Atmospheric, boiler located in the VIP House.

(29) Three 0.91 MMBtu/hr, natural gas fired Aerco Modulex model MLX909H condensing boilers located in Raub Hall

(b) Air Heaters/Hot Water Heaters:

(1) Four 0.54 MMBtu/hr (each), natural gas fired AAON model RK-30-2-FO-31M heaters located in the Student Recreation Center.

(2) Two 0.078 MMBtu/hr (each), natural gas fired Lennox models LGA072S & LGA042S heaters located in the Student Recreation Center.

(3) One 0.26 MMBtu/hr, natural gas fired Lennox model LGA180S heater located in the Student Recreation Center.

(4) One 0.235 MMBtu/hr, natural gas fired Lennox model LGA120S heater located in the Student Recreation Center.

(5) One 0.75 MMBTU/hr (each), natural gas fired American G62-75T75-4NV heaters located in the Health Professions Building.

(6) One 0.25 MMBTU/hr, natural gas fired A.O. Smith model BTH250 water heater located in the Thomas Building.

(7) One 0.04 MMBTU/hr, natural gas fired American model BFG6140S403NOV water heater located in the VIP House.

(8) One 0.175 MMBTU/hr, natural gas fired Renzor model SDH175 heater located in the Art Annex.

(9) One 0.300 MMBTU/hr, natural gas fired Renzor model SDH300 heater located in the Art Annex.

(10) Two 1.43 MMBTU/hr (each), natural gas fired Lochnivar model CWN-1435PM water heaters located in East Campus.

(11) One 0.199 MMBTU/hr, natural gas fired Rheem model HE119-199 water heater located in the Alumni Conference Center.

**SECTION D. Source Level Requirements**

- (12) One 0.111 MMBTU/hr, natural gas fired Greenheck model VSU-109-1-20 air make-up unit located in the Alumni Conference Center.
- (13) One 0.222 MMBTU/hr, natural gas fired Greenheck model KSU-110-A-1-20 air make-up unit located in Bentley Dining Hall.
- (14) One 0.067 MMBTU/hr, natural gas fired Greenheck model KSU-108-A-1-5 air make-up unit located in Bentley Dining Hall.
- (15) One 0.173 MMBTU/hr, natural gas fired Greenheck model KSU-109-A-1-15 air make-up unit located in Bentley Dining Hall.
- (16) One 0.332 MMBTU/hr, natural gas fired Greenheck model KSU-112-A-2-30 air make-up unit located in Bentley Dining Hall.
- (17) One 0.225 MMBTU/hr, natural gas fired Greenheck model KSU-110-B-1-20 air make-up unit located in Bentley Dining Hall.
- (18) One 0.166 MMBTU/hr, natural gas fired Greenheck model KSU-109-A-1-15 air make-up unit located in Bentley Dining Hall.
- (19) One 0.332 MMBTU/hr, natural gas fired Greenheck model KSU-112-B-2-30 air make-up unit located in Bentley Dining Hall.
- (20) One 0.294 MMBTU/hr, natural gas fired Greenheck model KSU-112-B-2-30 air make-up unit located in Bentley Dining Hall.
- (21) One 0.073 MMBTU/hr (each), natural gas fired Greenheck model KSU-108-B-1-7 air make-up units located in Bentley Dining Hall.
- (22) Two 0.350 MMBTU/hr (each), natural gas fired Carrier model 48AKS020-CQ-511HT heaters located in Bentley Dining Hall.
- (23) One 0.18 MMBTU/hr, natural gas fired Carrier model 48HJD01205-RY heater located in Bentley Dining Hall.
- (24) Three 0.30 MMBTU/hr (each), natural gas fired AO Smith model BTH300 water heaters located in the East Campus Science Center.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11193]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****Am I subject to this subpart?**

The boilers of this source are subject to the requirements of 40 CFR Part 63 Subpart JJJJJJ Section 63.11193 - 63.11226. The permittee shall comply with all applicable requirements of this subpart.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11237]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What definitions apply to this subpart?**

This boilers if this source meets the definition of a gas fired boiler as defined by 40 CFR Part 63 Subpart JJJJJJ. The permittee shall continue to comply with the following definition.

Gas-fired boiler includes any 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. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: EMERGENCY GENERATORS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ZZZZ

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

001 [25 Pa. Code §123.13]

Processes

Pursuant to 25 Pa. Code Section 123.13(c)(1)(i), no person may permit the emission into the outdoor atmosphere of particulate matter, from the exhaust each emergency generator of Source ID P101, in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

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

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Each emergency generator of Source ID P101 shall be fired on natural gas or #2 fuel oil only.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee electing this Synthetic Minor restriction]

Each emergency generator of Source ID P101 shall not be operated more than 500 hours in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the number of hours that each emergency generator of Source ID P101 operates each month and shall verify compliance with the 500 hour limitation in any 12 consecutive month period. These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit annual reports of the monthly hours of operation for each emergency generator of Source ID P101 verifying compliance with the 12 consecutive month operational hour limitation. The annual reports shall be submitted to the Department no later than March 1 (for January through December of the previous year).

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P101 consists of the following emergency generators:

- (1) One 0.12 MMBtu/hr, natural gas-fired, Onan model 5.OCCK-3CR, emergency generator located adjacent to the Akeley building.
- (2) One 0.54 MMBtu/hr, natural gas-fired, Kohler model 30RZG, emergency generator located adjacent to the Bentley building.
- (3) One 0.14 MMBtu/hr, natural gas-fired, Kohler model 6.5RMK81, emergency generator located adjacent to the High building.
- (4) One 0.28 MMBtu/hr, natural gas-fired, Kohler model 20RZ, emergency generator located adjacent to the Glennon building.
- (5) One 0.58 MMBtu/hr, natural gas-fired, Kohler model 45RGZ, emergency generator located adjacent to the McEntire building.
- (6) One 0.25 MMBtu/hr, natural gas-fired, Cummins model GGDB, emergency generator located adjacent to the North building.
- (7) One 0.32 MMBtu/hr, natural gas-fired, Kohler model 15RM82, emergency generator located adjacent to the Parsons building.
- (8) One 0.50 MMBtu/hr, natural gas-fired, Kohler model 30RZ282, emergency generator located adjacent to the Price building.
- (9) One 0.94 MMBtu/hr, natural gas-fired, Kohler model 60REZGB, emergency generator located adjacent to the Raub building.
- (10) One 0.18 MMBtu/hr, natural gas-fired, Kohler model 10RM62, emergency generator located adjacent to the Stevenson building.

SECTION D. Source Level Requirements

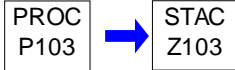
- (11) One 0.28 MMBtu/hr, natural gas-fired, Kohler model 20RZ, emergency generator located adjacent to the Sloan building.
- (12) One 0.52 MMBtu/hr, natural gas-fired, Onan model 45GGFC, emergency generator located adjacent to the Smith building.
- (13) One 0.28 MMBtu/hr, natural gas-fired, Kohler model 20RZ, emergency generator located adjacent to the Sullivan building.
- (14) One 0.28 MMBtu/hr, natural gas-fired, Kohler model 20RZ, emergency generator located at the Student Recreation Center.
- (15) One 0.29 MMBtu/hr, natural gas-fired, Onan model 12.5JCL, emergency generator located adjacent to the Ulmer North building.
- (16) One 0.94 MMBtu/hr, natural gas-fired, Kohler model 60 RZG, emergency generator located adjacent to the Ulmer South building.
- (17) One 0.32 MMBtu/hr, natural gas-fired, Kohler model 15RM82, emergency generator located adjacent to the Woolridge building.
- (18) One 0.94 MMBtu/hr, natural gas-fired, Kohler model 60RZG, emergency generator located adjacent to the Zimmerli building.
- (19) One 0.58 MMBtu/hr, natural gas-fired Kohler model 35RZG, emergency generator located adjacent to the Alumni Conf. Center.
- (20) One 1.63 MMBtu/hr, #2 fuel oil fired, Kohler model 150REOZJD, emergency generator located adjacent to the Robinson building.
- (21) One 1.69 MMBtu/hr, #2 fuel oil fired, Kohler model 130RZ71, emergency generator located adjacent to the Robinson building.
- (22) One 0.94 MMBtu/hr, natural gas fired, Kohler model 60REZGB, emergency generator located adjacent to the Thomas building.

SECTION D. Source Level Requirements

Source ID: P103

Source Name: PARTS CLEANING STATION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63(a)(5) and (a)(6)]

The permittee shall keep records of the following information for Source ID P103:

- (a) A Material Safety Data Sheet (MSDS) for each solvent used.
- (b) The name and address of the solvent supplier.
- (c) The type of solvent used including the product or vendor identification number.
- (d) The vapor pressure of the solvent measured in mm Hg at 68 degrees F.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P103 is a Safety-Kleen parts cleaning station which is located in the VO-TECH school building and consists of a sink (LxWxD=20"x30"x8") atop a 40 gallon storage drum.

SECTION D. Source Level Requirements**# 003 [25 Pa. Code §129.63]****Degreasing operations**

(a) The parts cleaning station of Source ID P103 shall:

(1) Have a permanent, conspicuous label summarizing the operating requirements in item (b) below. In addition, the label shall include the following discretionary good operating practices:

(i) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the parts cleaning unit.

(ii) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

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

(2) 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.

(b) The parts cleaning station of Source ID P103 shall be operated in accordance with the following procedures:

(1) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

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

(3) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the parts cleaning unit.

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

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

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

Pursuant to 25 Pa. Code Section 129.63(a)(4), the vapor pressure of the VOC containing solvent used in Source ID P103 shall be less than 1.0 mm Hg measured at 68 degrees F.

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

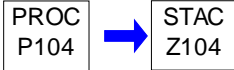
Source ID P103 is subject to 25 Pa. Code Section 129.63(a), Cold Cleaning Machines. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.63(a).

SECTION D. Source Level Requirements

Source ID: P104

Source Name: 3000 GAL FUEL OIL TANK

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

#2 fuel oil shall be the only material stored in Source ID P104, unless the permittee requests and the Department approves, in writing, the storage of alternative materials.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the material stored in Source ID P104. This shall include material purchase invoices.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P104 is a 3,000 gallon above-ground #2 fuel oil storage tank used by the Courthouse Annex building boiler (Source ID 031).

**SECTION D. Source Level Requirements**

Source ID: P110

Source Name: EAST CAMPUS SCIENCE CENTER ENGINES

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from each generator of Source ID P110 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from each generator of Source ID P110 in a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume dry basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the 25 Pa. Code Section 127.14(a)(8)(6)]

The total combined NO_x emissions from all exempt engines at this facility (Source ID P101 and P110) shall not equal or exceed 100 pounds per hour, 1000 pounds per day, 2.75 tons per ozone season, and 6.6 tons in any 12 consecutive month period.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

[Compliance with this operating requirement assures compliance with the provisions of 40 CFR Part 89 Section 89.112]

Each engine of Source ID P110 shall not have emissions in excess of the following rates:

NO_x + NHMC - 6.4 grams/kw-hr

CO - 3.5 grams/kw-hr

PM - 0.20 grams/kw-hr

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

[Compliance with this operating requirement assures compliance with the provisions of 40 CFR Part 89 Section 89.113]

(a) Exhaust opacity from compression-ignition nonroad engines for which this subpart is applicable must not exceed:

(1) 20 percent during the acceleration mode;

(2) 15 percent during the lugging mode; and

(3) 50 percent during the peaks in either the acceleration or lugging modes.

**SECTION D. Source Level Requirements**

(b) Opacity levels are to be measured and calculated as set forth in 40 CFR part 86, subpart I. Notwithstanding the provisions of 40 CFR part 86, subpart I, two-cylinder nonroad engines may be tested using an exhaust muffler that is representative of exhaust mufflers used with the engines in use.

(c) The following engines are exempt from the requirements of this section:

- (1) Single-cylinder engines;
- (2) Propulsion marine diesel engines; and
- (3) Constant-speed engines.

Fuel Restriction(s).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Each emergency engine of Source ID P110 shall be fired on #2 fuel oil or diesel fuel to which no reclaimed or waste oil or other waste materials have been added.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

[Compliance with this operating permit requirement assures compliance with the provisions of 40 CFR Part 80 Section 80.510(c)]

All diesel fuel is fired in Source ID P101 is subject to the following per-gallon standards:

- (1) Sulfur content. 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.

Each engine of Source ID P110 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).

III. MONITORING REQUIREMENTS.

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

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

- (a) The permittee shall keep records of the amount of hours each engine of Source ID P110 is operated each month and the corresponding 12 consecutive month totals.
- (b) The permittee shall keep records of the supporting calculations for the NO_x, CO and PM emissions from the engines of Source ID P110 on a monthly basis. These records shall verify compliance with all emission limitations for the engines of Source ID P110.
- (c) These records shall be retained for at minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P110 consists of two (2) diesel fuel fired emergency generators, which includes the following:

- (a) One Kohler model 100REOZJF generator with a rated capacity of 134 hp.
- (b) One Kohler model 300REOZJ generator each with a rated capacity of 402 hp.

011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Am I subject to this subpart?**

Source ID P110 is subject to the requirements of 40 CFR Part 60 Subpart IIII Sections 60.4200 - 60.4219. The permittee shall comply with all applicable requirements of this subpart.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Am I subject to this subpart?**

This source is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ Sections 63.6580 - 63.6675. The sources are considered as emergency engines pursuant to Subpart ZZZZ. The permittee shall comply with all applicable requirements of this subpart. Compliance with the requirements of 40 CFR Part 60 Subpart IIII assures compliance with requirements of 40 CFR Part 63 Subpart ZZZZ pursuant to 40 CFR Part 63 Section 63.6590(c)(1).

**SECTION E. Source Group Restrictions.**

Group Name: ZZZZ

Group Description: rice mact

Sources included in this group

ID	Name
P101	EMERGENCY GENERATORS

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

The following must be done for each engine of this source pursuant to 40 CFR Part 63 Section 63.6603(a)

Change oil/filter every 500 hours of operation or annually (gas and diesel engines);

Inspect air cleaner every 1,000 hours of operation or annually and replace as necessary (diesel-fired only);

Inspect spark plugs every 1,000 hours of operation or annually and replace as necessary (natural gas-fired only);

Inspect all belts and hoses every 500 hours of operation or annually and replace as necessary (gas and diesel engines).

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

Each engine of this source shall be operated in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**SECTION E. Source Group Restrictions.****Am I subject to this subpart?**

This source is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ Sections 63.6580 - 63.6675. The sources are considered as emergency engines pursuant to Subpart ZZZZ. The permittee shall comply with all applicable requirements of this subpart.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

If you own or operate an emergency stationary RICE, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1) through (4) of this requirement. In order for the engine to be considered an emergency stationary RICE 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 (4) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (4) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

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

(2) You may operate your emergency stationary RICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs (f)(3) and (4) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. 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 RICE beyond 100 hours per calendar year.

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

(iii) Emergency stationary RICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

(3) N/A

(4) Emergency stationary RICE located at area sources of HAP 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. Except as provided in paragraphs (f)(4)(i) and (ii) of this section, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(i) Prior to May 3, 2014, the 50 hours per year for non-emergency situations can be used for peak shaving or non-emergency demand response to generate income for a facility, or to otherwise supply power as part of a financial arrangement with another entity if the engine is operated as part of a peak shaving (load management program) with the local distribution system operator and the power is provided only to the facility itself or to support the local distribution system.

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

SECTION E. Source Group Restrictions.

- (A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
- (B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
- (C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
- (D) The power is provided only to the facility itself or to support the local transmission and distribution system.
- (E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description			
031	BOILERS (2.5--10 MMBTU/HR)			
Emission Limit				Pollutant
4.000	Lbs/MMBTU	each combustion unit		SOX
0.040	Lbs/MMBTU	each combustion unit		TSP
032	HEATERS (EACH<2.5MMBTU/HR)			
Emission Limit				Pollutant
4.000	Lbs/MMBTU	each combustion unit		SOX
P101	EMERGENCY GENERATORS			
Emission Limit				Pollutant
500.000	PPMV	each emergency generator		SOX
0.040	gr/DRY FT3	each emergency generator		TSP

Site Emission Restriction Summary

Emission Limit	Pollutant
100.000 Tons/Yr	NOX
100.000 Tons/Yr	SOX



SECTION H. Miscellaneous.

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

- (1) Two 12,000 gallon, underground, #2 fuel oil storage tanks.
- (2) Two 550 gallon, aboveground, #2 fuel oil storage tanks.
- (3) Four 275 gallon, aboveground, #2 fuel oil storage tanks.



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