





## 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.

### 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. Alternative Operating Scenario(s)

- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements



**SECTION A. Table of Contents**

- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

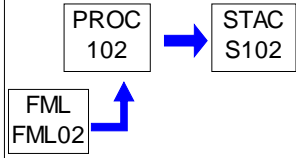
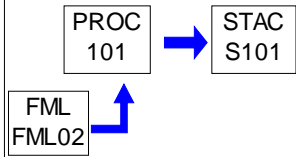
**Section F. Emission Restriction Summary**

**Section G. Miscellaneous**

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	HEAT PLANT BOILER 1	12.000 MMBTU/HR	
		N/A	#2 Oil
		N/A	Natural Gas
032	HEAT PLANT BOILER 2	12.000 MMBTU/HR	
		12,000.000 CF/HR	Natural Gas
		N/A	#2 Oil
034	SMALL MISCELLANEOUS BOILERS (47)	0.700 MMBTU/HR	
		N/A	#2 Oil
		N/A	Natural Gas
101	EMERGENCY GENERATORS (12)	8,600.000 CF/HR	Natural Gas
102	EMERGENCY GENERATORS (5)	N/A	Natural Gas
FML01	(2) 20,000 NO. 2 FUEL OIL TANKS		
FML02	NATURAL GAS PIPELINE		
FML04	VARIOUS NO. 2 FUEL OIL TANKS		
S01	MAIN PLANT STACK		
S03	MISC. BOILERS STACKS		
S101	EMER. GENERATORS STACKS (12)		
S102	EMER. GENERATORS STACKS (4)		

**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)&(c)]****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 and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (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 fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

**SECTION B. General State Only Requirements**

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

**#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

**SECTION B. General State Only Requirements**

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

- (1) Enforcement action
- (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]****Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and



**SECTION B. General State Only Requirements**

significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall make 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 make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

**#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 C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003.)

**# 002 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(a) The permittee shall not permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

(1) Construction or demolition of buildings or structures.

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

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

(4) Clearing of land.

(5) Stockpiling of materials.

(6) Open burning operations.

(7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.

(8) Coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in § § 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations).

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

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

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

**# 003 [25 Pa. Code §123.2]****Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1)-(9), (relating to prohibition of certain fugitive emissions), if such emissions are visible at the point the emissions pass outside the person's property.

**# 004 [25 Pa. Code §123.31]****Limitations**

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

**# 005 [25 Pa. Code §123.41]****Limitations**

The permittee shall not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

(a) Equal to or greater than 20% for a period or periods aggregating more than three (3) minutes in any one (1) hour.

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

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that the total nitrogen oxides (NOx) emissions from this facility shall not exceed 24.9 tons per year calculated on a twelve (12) month rolling sum.

**# 007 [25 Pa. Code §129.14]****Open burning operations**

The permittee shall not permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

- (a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (b) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (f) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

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

(a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A of this permit may be in excess of the limitations specified in this permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, and the Department's Source Testing Manual (274-0300-002), when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

**# 009 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).

(3) Results of the fuel oil sulfur test shall be calculated and recorded in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt from the supplier, showing the maximum percent sulfur in the fuel, is obtained each time a fuel oil delivery is made.

**SECTION C. Site Level Requirements****III. MONITORING REQUIREMENTS.****# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions shall be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and qualified 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 monitor the facility, once per operating day, for the following:

- (1) Odors, which the Department may determine to be objectionable as per 25 Pa. Code §123.31).
- (2) Visible Emissions (as per 25 Pa. Code §§123.41 and 123.42).
- (3) Fugitive Particulate Matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) Be investigated;
- (2) Be reported to the facility management, or individual(s) designated by the permittee;
- (3) Have appropriate corrective action taken (for emissions that originate on-site); and
- (4) Be recorded in a permanent written log.

(c) After six (6) months of daily monitoring, upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six (6) month period.

(d) After six (6) months weekly monitoring, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification and the semi-annual report of monitoring and record keeping, complaints, monitoring results, and/or Department findings.

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

(a) The permittee shall keep records of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (1) The cause of emission, and/or odor;
- (2) The duration of the event; and
- (3) Any corrective action taken.

(b) The permittee shall maintain these records on site, in a format approved by the Department, for a period of five (5) years and shall make them available upon request.

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

(a) The permittee shall calculate and keep records of the total NOx emissions from the facility on a monthly basis and on a twelve (12) month rolling sum.

(b) The permittee shall ensure that these records shall provide sufficient data and supporting calculations to clearly demonstrate compliance with the facility-wide NOx emission limit.

**SECTION C. Site Level Requirements**

(c) The permittee shall maintain these records on site, for a period for five (5) years, in a format approved by the Department and shall be made available upon request.

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

The permittee shall keep records of all the facility's increases of emissions from the following categories:

- (a) emissions increase of minor significance without notification to the Department.
- (b) de minimis increases with notification to the Department, via letter.
- (c) increases resulting from a Request for Determination (RFD) to the Department.
- (d) increases resulting from the issuance of a plan approval and subsequent operating permit.

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

The permittee shall ensure that all records, reports, and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with General State Only Requirement, Section B, Condition #020(b) and shall be made available to the Department upon written or verbal request within a reasonable time.

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

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 25 Pa. Code § 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 indirect means.

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

(a) The permittee shall notify the Department by telephone at (484) 250-5920, within two (2) hours of any malfunction(s) of the source(s), listed in Section A of this permit, or associated air pollution control device(s) which results in, or any possibly result in, the emission of air contaminants in excess of the limitations specified in this permit or in 25 Pa. Code Article III.

(b) Malfunction(s) which occur(s) at this Synthetic Minor facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source continued to operate after the malfunction(s), shall immediately, after becoming knowledgeable of any occurrence, be reported to the Department by telephone at the above number.

(c) A written report describing the malfunction(s) shall be submitted to the Department within two (2) working days following the notification by telephone required under subsections (a) and (b) above. This report shall describe, at a minimum, the malfunction(s), emission(s), duration, and corrective action(s) taken.

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

[Additional authority for this permit condition is also derived from 40 CFR Part 68.]

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

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



**SECTION C. Site Level Requirements**

following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
  - (i) Three years after the date on which a regulated substance is first listed under §40 CFR 68.130; or,
  - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
- (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with §40 CFR 68.190.
- (3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.
- (c) As used in this permit condition, the term "process" shall be as defined in §40 CFR 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.
- (d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:
  - (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in §40 CFR 68.10(a); or,
  - (2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with §40 CFR 68.200.
- (f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

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

Additional authority for this permit condition is also derived from §40 CFR 60.4.]

The permittee shall submit all requests, reports, applications, submittals, and other communications to both the Administrator and to the Regional Office of the Department. The copies shall be forwarded to:

Office of Air Enforcement and Compliance Assistance (3AP20) U.S. EPA, Region III 1650 Arch Street Philadelphia, PA 19103-2029	Air Quality Program Manager PA Department of Environmental Protection Southeast Regional Office 2 East Main Street Norristown, PA 19401-4915
---	--

**# 020 [25 Pa. Code §135.3]****Reporting**

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

If the permittee has been previously advised by the Department to submit a source report, the permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from 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, including those sources listed in the Miscellaneous

**SECTION C. Site Level Requirements**

Section of this permit.

The permittee 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.****# 021 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1(a)(1)-(9) shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) 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.
- (b) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) 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.

**# 022 [25 Pa. Code §123.42]****Exceptions**

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

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from sources specified in 25 Pa. Code § 123.1(a)(1)-(9).

**# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall immediately implement measures, including the installation of air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this permit is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

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

- (a) The permittee shall not modify any source identified in Section A of this permit, prior to obtaining Department approval except those modifications authorized by Condition #013(g) of Section B, of this permit.
- (b) If an unauthorized modification of a source(s) occurs at the facility, this permit shall be suspended and the permittee shall not thereafter continue to operate the source(s).

**# 025 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in Section A and Section G, where applicable, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.****# 026 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4230]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines  
Am I subject to this subpart?**

- (a) The natural gas-fired Emergency Generators (Source ID: 102) at Ursinus College, which have maximum engine power

## SECTION C. Site Level Requirements

greater than 19 kW (25 Hp) and were manufactured on or after January 1, 2009, are subject to the applicable requirements of 40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition (SI) Internal Combustion Engines (ICE).

(b) Pursuant §40 CFR 60.4236(c), the owners or operators of emergency stationary SI ICE with a maximum engine power of greater than 19 KW (25 HP) may not install engines that do not meet the applicable requirements in §40 CFR 60.4233 after January 1, 2011.

**# 027 [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 (Source ID(s): 031, 032, and 034) at Ursinus College, which were originally installed prior to June 4, 2010, are subject to the applicable requirements of 40 CFR 63, Subpart JJJJJJ - National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers at Area Sources.

### 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: HEAT PLANT BOILER 1

Source Capacity/Throughput: 12.000 MMBTU/HR

N/A

#2 Oil

N/A

Natural Gas

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

# 002 [25 Pa. Code §123.22]

**Combustion units**

No person shall permit the emission into the outdoor atmosphere of sulfur oxides (SO<sub>x</sub>), expressed as SO<sub>2</sub>, from any combustion unit, in the Southeast Air Basin, in excess of the rate of 1.0 pounds per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).**

# 003 [25 Pa. Code §123.22]

**Combustion units**

No person shall, at any time, offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil for use in combustion units in the Southeast Pennsylvania air basin which contains sulfur in excess of 0.05% by weight, pursuant to 25 Pa. Code § 123.22(e)(2).

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that only No. 2 fuel oil or natural gas are used as fuel for the Heat Plant Boiler 1 (Source ID: 031).

**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 monitor the following operating parameters for the Heat Plant Boiler 1 (Source ID: 031) on a monthly basis:

(a) Hours of operation.

(b) Amount and type of fuel consumed.

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

The permittee shall keep records of the following operating parameters for the Heat Plant Boiler 1 (Source ID: 031) on a monthly basis:

- (a) Hours of operation.
- (b) Amount and type of fuel consumed.

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

- (a) The permittee shall obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, is less than or equal to 0.05%, by weight, each time a delivery is made.
- (b) In the event that a delivery is made, and no receipt is obtained, the permittee shall perform testing in accordance with 25 Pa. Code Section 139.16.

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

Source ID 031 (Heat Plant Boiler 1) consist of a 12 MMBTU/HR boiler, manufactured by Keeler, Model No. CP, burns both natural gas and No.2 fuel oil and was installed in January 1962.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

- (a) At all times the owner or operator must operate and maintain any affected source (e.g., boiler), including any associated air pollution control equipment and/or monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.
- (b) Determination of whether such operation and maintenance procedures are being used will be based on information available to the EPA Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

- (a) The owner or operator of an affected source subject to the work practice standard or the management practices of a tune-up, must conduct a biennial performance tune-up according to paragraphs (b)(i) through (b)(vii) and maintain records as required in §40 CFR 63.11225(c) to demonstrate continuous compliance. The tune-up must be conducted while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the twelve (12) months prior to the tune-up.

**SECTION D. Source Level Requirements**

(b) Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

(i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the burner inspection(s) may be delayed until the next scheduled unit shutdown, but each burner must be inspected at least once every 36 months).

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

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

(iv) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.

(v) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).

(vi) Maintain onsite and submit, if requested by the Administrator, biennial report containing the information in paragraphs (vi)(1) through (vi)(3).

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

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

(3) The type and amount of fuel used over the twelve (12) months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

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

**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**

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

**What are my notification, reporting, and recordkeeping requirements?**

(a) As required in §40 CFR 63.10(b)(2)(xiv), the owner or operator of an affected source must keep a copy of each notification and report submitted to comply with this regulation and all documentation supporting any Initial Notification or Notification of Compliance Status submitted.

(b) The owner or operator of an affected source must keep records to document conformance with the work practices and management practices as specified in paragraphs (b)(1) through (b)(4).

(1) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

(2) For operating units that combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to §40 CFR 241.3(b)(1), the owner or operator must keep a record which documents how the secondary material meets each of the legitimacy criteria under § 40 CFR 241.3(d)(1). If you combust a fuel that has been processed from a discarded non-hazardous secondary material pursuant to §40 CFR 241.3(b)(4), the owner or operator must keep records as to how the operations that produced the fuel satisfies the definition of processing in §40 CFR 241.2 and each of the legitimacy criteria in §40 CFR 241.3(d)(1). If the fuel received a non-waste determination pursuant to the petition process submitted under §40 CFR 241.3(c), the owner or operator must keep a record that documents how the fuel satisfies the requirements of the petition process. For operating units that combust nonhazardous secondary materials as fuel per §40 CFR 241.4, the owner or operator must keep records documenting that the material is a listed non-waste under §40 CFR

**SECTION D. Source Level Requirements**

241.4(a).

(3) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.

(4) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §40 CFR 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

(c) The records must be in a form suitable and readily available for expeditious review. The records must be kept each for five (5) years following the date of each recorded action. The records must be kept on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least two (2) years after the date of each recorded action. The remaining records may be kept off site for the remaining three (3) years.

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**

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

**What are my notification, reporting, and recordkeeping requirements?**

(a) The owner or operator of an affected source must submit Notification of Compliance Status to the Administrator no later than 120 days after the applicable compliance date specified in §40 CFR 63.11196.

(1) The owner or operator must submit the information required in §40 CFR 63.9(h)(2), except the information listed in §§40 CFR 63.9(h)(2)(i)(B), (D), (E), and (F). your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in §40 CFR 63.11214 to conduct an initial tune-up of the boiler."

(ii) "This facility has had an energy assessment performed according to §40 CFR 63.11214(c)."

(iii) For units that install bag leak detection systems: "This facility complies with the requirements in §40 CFR 63.11224(f)."

(iv) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(b) The notification must be submitted electronically using 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 this subpart is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status must be submitted to the Administrator.

(c) For boilers that are subject only to a requirement to conduct a biennial tune-up according to §40 CFR 63.11223(a) and not subject to emission limits or operating limits, the owner or operator must prepare a biennial compliance report as specified in paragraphs (c)(1) and (c)(2).

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in §40 CFR 63.11223 to conduct a biennial tune-up, as applicable, of each boiler."

(ii) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

**SECTION D. Source Level Requirements**

(iii) "This facility complies with the requirement in §§40 CFR 63.11214(d) and 63.11223(g) to minimize the boiler's time spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are not available."

(d) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.



**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: HEAT PLANT BOILER 2

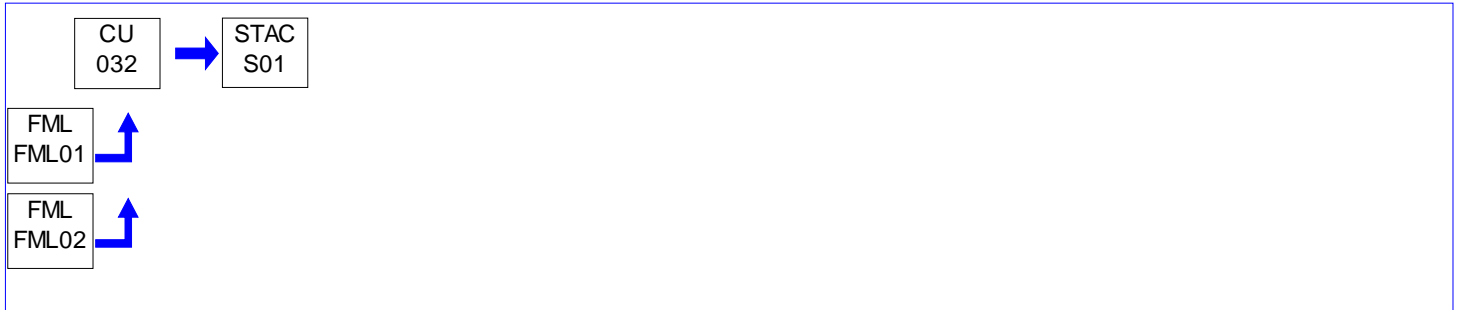
Source Capacity/Throughput: 12.000 MMBTU/HR

12,000.000 CF/HR

Natural Gas

N/A

#2 Oil

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

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

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

No person shall permit the emission into the outdoor atmosphere of sulfur oxides (SO<sub>x</sub>), expressed as SO<sub>2</sub>, from any combustion unit, in the Southeast Air Basin, in excess of the rate of 1.0 pounds per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

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

No person shall, at any time, offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil for use in combustion units in the Southeast Pennsylvania air basin which contains sulfur in excess of 0.05% by weight, pursuant to 25 Pa. Code § 123.22(e)(2).

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

The permittee shall ensure that only No. 2 fuel oil or natural gas shall be used as fuel for the Heat Plant Boiler 2 (Source ID: 032).

**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 monitor the following operating parameters for the Heat Plant Boiler 2 (Source ID:032) on a monthly basis:

(a) Hours of operation.

(b) Amount and type of fuel consumed.

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

The permittee shall keep records of the following operating parameters for the Heat Plant Boiler 2 (Source ID: 032) on a monthly basis:

- (a) Hours of operation.
- (b) Amount and type of fuel consumed.

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

- (a) The permittee shall obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, is less than or equal to 0.05%, by weight, each time a delivery is made.
- (b) In the event that a delivery is made, and no receipt is obtained, the permittee shall perform testing in accordance with 25 Pa. Code Section 139.16.

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

Source ID 032 (Heat Plant Boiler 2) consist of a 12 MMBTU/HR boiler, manufactured by Keeler, Model No. CP, burns both natural gas and No.2 fuel oil and was installed in January 1962.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

- (a) At all times the owner or operator must operate and maintain any affected source (e.g., boiler), including any associated air pollution control equipment and/or monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.
- (b) Determination of whether such operation and maintenance procedures are being used will be based on information available to the EPA Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

- (a) The owner or operator of an affected source subject to the work practice standard or the management practices of a tune-up, must conduct a biennial performance tune-up according to paragraphs (b)(i) through (b)(vii) and maintain records as required in §40 CFR 63.11225(c) to demonstrate continuous compliance. The tune-up must be conducted while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the twelve (12) months prior to the tune-up.

**SECTION D. Source Level Requirements**

(b) Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

(i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the burner inspection(s) may be delayed until the next scheduled unit shutdown, but each burner must be inspected at least once every 36 months).

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

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

(iv) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.

(v) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).

(vi) Maintain onsite and submit, if requested by the Administrator, biennial report containing the information in paragraphs (vi)(1) through (vi)(3).

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

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

(3) The type and amount of fuel used over the twelve (12) months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

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

**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**

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

**What are my notification, reporting, and recordkeeping requirements?**

(a) As required in §40 CFR 63.10(b)(2)(xiv), the owner or operator of an affected source must keep a copy of each notification and report submitted to comply with this regulation and all documentation supporting any Initial Notification or Notification of Compliance Status submitted.

(b) The owner or operator of an affected source must keep records to document conformance with the work practices and management practices as specified in paragraphs (b)(1) through (b)(4).

(1) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

(2) For operating units that combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to §40 CFR 241.3(b)(1), the owner or operator must keep a record which documents how the secondary material meets each of the legitimacy criteria under § 40 CFR 241.3(d)(1). If you combust a fuel that has been processed from a discarded non-hazardous secondary material pursuant to §40 CFR 241.3(b)(4), the owner or operator must keep records as to how the operations that produced the fuel satisfies the definition of processing in §40 CFR 241.2 and each of the legitimacy criteria in §40 CFR 241.3(d)(1). If the fuel received a non-waste determination pursuant to the petition process submitted under §40 CFR 241.3(c), the owner or operator must keep a record that documents how the fuel satisfies the requirements of the petition process. For operating units that combust nonhazardous secondary materials as fuel per §40 CFR 241.4, the owner or operator must keep records documenting that the material is a listed non-waste under §40 CFR

**SECTION D. Source Level Requirements**

241.4(a).

(3) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.

(4) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §40 CFR 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

(c) The records must be in a form suitable and readily available for expeditious review. The records must be kept each for five (5) years following the date of each recorded action. The records must be kept on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least two (2) years after the date of each recorded action. The remaining records may be kept off site for the remaining three (3) years.

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**

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

**What are my notification, reporting, and recordkeeping requirements?**

(a) The owner or operator of an affected source must submit Notification of Compliance Status to the Administrator no later than 120 days after the applicable compliance date specified in §40 CFR 63.11196.

(1) The owner or operator must submit the information required in §40 CFR 63.9(h)(2), except the information listed in §§40 CFR 63.9(h)(2)(i)(B), (D), (E), and (F). your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in §40 CFR 63.11214 to conduct an initial tune-up of the boiler."

(ii) "This facility has had an energy assessment performed according to §40 CFR 63.11214(c)."

(iii) For units that install bag leak detection systems: "This facility complies with the requirements in §40 CFR 63.11224(f)."

(iv) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(b) The notification must be submitted electronically using 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 this subpart is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status must be submitted to the Administrator.

(c) For boilers that are subject only to a requirement to conduct a biennial tune-up according to §40 CFR 63.11223(a) and not subject to emission limits or operating limits, the owner or operator must prepare a biennial compliance report as specified in paragraphs (c)(1) and (c)(2).

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in §40 CFR 63.11223 to conduct a biennial tune-up, as applicable, of each boiler."

(ii) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

**SECTION D. Source Level Requirements**

(iii) "This facility complies with the requirement in §§40 CFR 63.11214(d) and 63.11223(g) to minimize the boiler's time spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are not available."

(d) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: SMALL MISCELLANEOUS BOILERS (47)

Source Capacity/Throughput: 0.700 MMBTU/HR

N/A

#2 Oil

N/A

Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

No person shall permit the emission into the outdoor atmosphere of sulfur oxides (SO<sub>x</sub>), expressed as SO<sub>2</sub>, from any combustion unit, in the Southeast Air Basin, in excess of the rate of 1.0 pounds per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 002 [25 Pa. Code §123.22]****Combustion units**

No person shall, at any time, offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil for use in combustion units in the Southeast Pennsylvania air basin which contains sulfur in excess of 0.05% by weight, pursuant to 25 Pa. Code § 123.22(e)(2).

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

The permittee shall ensure that only natural gas and No. 2 fuel oil shall be used as fuel for the Small Miscellaneous Boilers (48) (Source ID: 034).

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

The permittee shall monitor the following operating parameters for the Small Miscellaneous Boilers (48) (Source ID: 034) on a monthly basis:

(a) Hours of operation.

(b) Amount and type of fuel consumed.

**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 following operating parameters for the Small Miscellaneous Boilers (48) (Source ID: 034) on a monthly basis:

- (a) Hours of operation.
- (b) Amount and type of fuel consumed.

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

The permittee shall maintain all records necessary to demonstrate that the Small Miscellaneous Boilers (48) (Source ID: 034) are being maintained and operated in accordance with the manufacturers' specifications and good air pollution control practices and demonstrate compliance with 25 Pa. Code Section 123.11(a)(1) and 25 Pa. Code Section 123.22.

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

- (a) The permittee shall obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, is less than or equal to 0.05%, by weight, each time a delivery is made.
- (b) In the event that a delivery is made, and no receipt is obtained, the permittee shall perform testing in accordance with 25 Pa. Code 139.16.

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

The following units are included in the source group Small Miscellaneous Boilers (Source ID: 034):

Building Name	Address	Fuel Type
Sprinkle	55 5th Ave.	Oil
Musser	23 6th Ave.	Gas
Sturgis	26 6th Ave.	Oil
30 6th Ave.	30 6th Ave.	Gas
32 6th Ave.	32 6th Ave.	Gas
Hillel	33 6th Ave.	Gas
65 6th Ave.	65 6th Ave.	Gas
99 9th Ave.	99 9th Ave.	Gas
100 9th Ave.	100 9th Ave.	Gas
155 9th Ave.	155 9th Ave.	Gas
175 9th Ave.	175 9th Ave.	Gas
201 9th Ave.	201 9th Ave.	Oil
275 9th Ave.	275 9th Ave.	Gas
319 9th Ave.	319 9th Ave.	Gas
324 9th Ave.	324 9th Ave.	Gas

**SECTION D. Source Level Requirements**

325 9th Ave.	325 9th Ave.	Gas
Clamer	409 Main St.	Oil
424 Main St.	424 Main St.	Oil
426 Main St.	426 Main St.	Gas
444 Main St.	444 Main St.	Gas
Barber Shop	476 Main St.	Oil
Marzellas	488 Main St.	Gas
Commonwealth	500 Main St.	Gas
Maples	520 Main St.	Gas
Superhouse	542 Main St.	Gas
Fetterolf	554 Main St.	Gas
Hobson	568 Main St.	Gas
Shreiner	600 Main St.	Gas
Duryea	612 Main St.	Oil
Zwingli	620 Main St.	Gas
624 Main St.	624 Main St.	Gas
Olevian	640 Main St.	Gas
Schaff	646 Main St.	Gas
Omwake	701 Main St.	Oil
Lynnewood	702 Main St.	Oil
Wicks	716 Main St.	Gas
Todd	724 Main St.	Gas
732 Main St.	732 Main St.	Gas
777 Main St.	777 Main St.	Oil
Wellness	789 Main St.	Oil
Elliot	785 Main St.	Oil
Isenberg	801 Main St.	Oil
Cloake	811 Main St.	Oil
942 Main St.	942 Main St.	Gas
944 Main St.	944 Main St.	Gas
Maintenance Barn	Maintenance	Oil
Ritter	601 Main St	Gas

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

(a) At all times the owner or operator must operate and maintain any affected source (e.g., boiler), including any associated air pollution control equipment and/or monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

(b) Determination of whether such operation and maintenance procedures are being used will be based on information available to the EPA Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

(a) The owner or operator of an affected source subject to the work practice standard or the management practices of a tune-up, must conduct a biennial performance tune-up according to paragraphs (b)(i) through (b)(vii) and maintain records as required in §40 CFR 63.11225(c) to demonstrate continuous compliance. The tune-up must be conducted while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the twelve (12) months prior to the tune-up.

(b) Each 5 year tune-up must be conducted no more than 61 months after the previous tune-up.



**SECTION D. Source Level Requirements**

(i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the burner inspection(s) may be delayed until the next scheduled unit shutdown, but each burner must be inspected at least once every 36 months).

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

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

(iv) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.

(v) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).

(vi) Maintain onsite and submit, if requested by the Administrator, biennial report containing the information in paragraphs (vi)(1) through (vi)(3).

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

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

(3) The type and amount of fuel used over the twelve (12) months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

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

**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

(a) As required in §40 CFR 63.10(b)(2)(xiv), the owner or operator of an affected source must keep a copy of each notification and report submitted to comply with this regulation and all documentation supporting any Initial Notification or Notification of Compliance Status submitted.

(b) The owner or operator of an affected source must keep records to document conformance with the work practices and management practices as specified in paragraphs (b)(1) through (b)(4).

(1) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

(2) For operating units that combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to §40 CFR 241.3(b)(1), the owner or operator must keep a record which documents how the secondary material meets each of the legitimacy criteria under § 40 CFR 241.3(d)(1). If you combust a fuel that has been processed from a discarded non-hazardous secondary material pursuant to §40 CFR 241.3(b)(4), the owner or operator must keep records as to how the operations that produced the fuel satisfies the definition of processing in §40 CFR 241.2 and each of the legitimacy criteria in §40 CFR 241.3(d)(1). If the fuel received a non-waste determination pursuant to the petition process submitted under §40 CFR 241.3(c), the owner or operator must keep a record that documents how the fuel satisfies the requirements of the petition process. For operating units that combust nonhazardous secondary materials as fuel per §40 CFR 241.4, the owner or operator must keep records documenting that the material is a listed non-waste under §40 CFR 241.4(a).

**SECTION D. Source Level Requirements**

(3) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.

(4) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §40 CFR 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

(c) The records must be in a form suitable and readily available for expeditious review. The records must be kept each for five (5) years following the date of each recorded action. The records must be kept on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least two (2) years after the date of each recorded action. The remaining records may be kept off site for the remaining three (3) years.

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

(a) The owner or operator of an affected source must submit Notification of Compliance Status to the Administrator no later than 120 days after the applicable compliance date specified in §40 CFR 63.11196.

(1) The owner or operator must submit the information required in §40 CFR 63.9(h)(2), except the information listed in §40 CFR 63.9(h)(2)(i)(B), (D), (E), and (F). your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in §40 CFR 63.11214 to conduct an initial tune-up of the boiler."

(ii) "This facility has had an energy assessment performed according to §40 CFR 63.11214(c)."

(iii) For units that install bag leak detection systems: "This facility complies with the requirements in §40 CFR 63.11224(f)."

(iv) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(b) The notification must be submitted electronically using 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 this subpart is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status must be submitted to the Administrator.

(c) For boilers that are subject only to a requirement to conduct a 5 year tune-up according to §40 CFR 63.11223(a) and not subject to emission limits or operating limits, the owner or operator must prepare a compliance report every 5 years as specified in paragraphs (c)(1) and (c)(2).

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in §40 CFR 63.11223 to conduct a 5 year tune-up, as applicable, of each boiler."

(ii) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(iii) "This facility complies with the requirement in §40 CFR 63.11214(d) and 63.11223(g) to minimize the boiler's time

**SECTION D. Source Level Requirements**

spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are not available."

(d) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

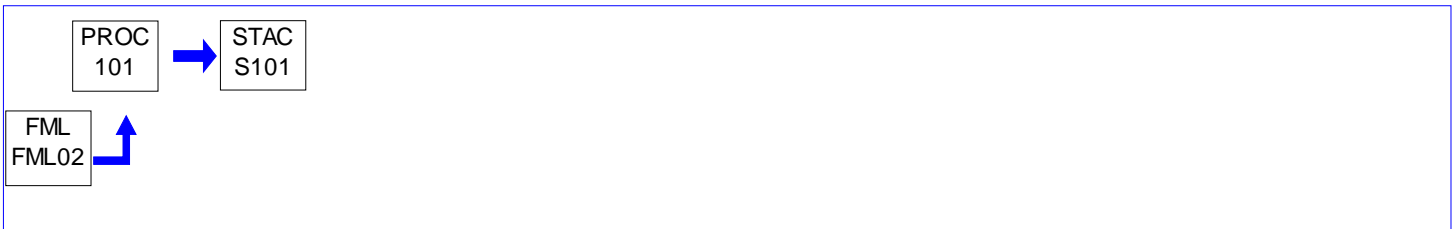
**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: EMERGENCY GENERATORS (12)

Source Capacity/Throughput: 8,600.000 CF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.21]

**General**

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides from this 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.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that only natural gas shall be used as fuel for the Emergency Generators (12) (Source ID: 101).

**Operation Hours Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall not operate any of the emergency generators more than 200 hours in any twelve (12) month rolling 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.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall monitor the following for the Emergency Generators (12):

- (1) Number of hours operated monthly and on a 12-month rolling sum
- (2) Amount of fuel consumed monthly

**IV. RECORDKEEPING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.91-95.]

The permittee shall keep all records necessary to demonstrate that the Emergency Generators (12) (Source ID: 101) are being maintained and operated in accordance with the manufacturers' specifications and good air pollution control practices and demonstrate compliance with Emission Restriction requirements in Conditions #001 and #002.

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

(a) The permittee shall keep records of the following for the Emergency Generators (12):

- (1) Number of hours operated monthly and on a 12-month rolling sum
- (2) Amount of fuel consumed monthly

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

The following units are included in the source group Emergency Generators (12) (Source ID: 101):

Location (Bldg.)	Capacity (hp)	Installation Date
Corson /The Commons	383	2019
Bomberger	75	2006
Olin	52	1991
Myrin	160	2017
Wilkinson	40	2016
Pfahler	32	2003
Reimert	85	1967
DLH	134	-----
Wisner	131	2015
North Hall	168	2002
New Hall	168	2007
Performing Arts Ctr.	---	2005

**SECTION D. Source Level Requirements**

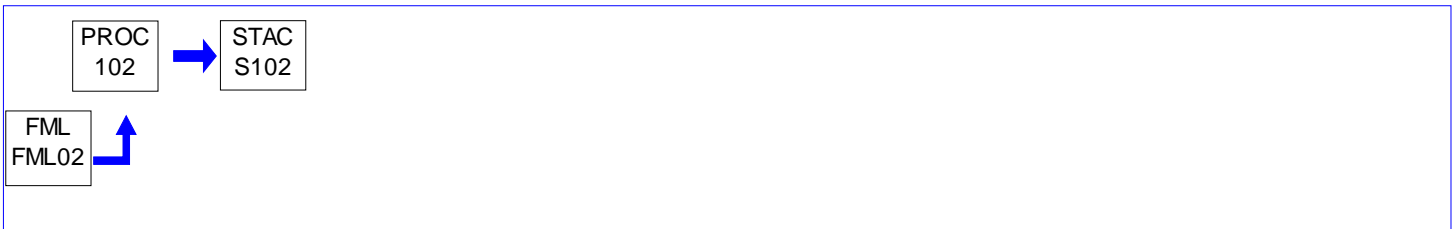
Source ID: 102

Source Name: EMERGENCY GENERATORS (5)

Source Capacity/Throughput:

N/A

Natural Gas

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

# 001 [25 Pa. Code §123.21]

**General**

No person shall permit the emission into the outdoor atmosphere of sulfur oxides from this 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.

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the combined NO<sub>x</sub> emissions for the Emergency Generators (4) (Source ID: 102) shall not exceed 100 lbs/hr, 1,000 lbs/day, 2.75 tons per ozone season and 6.6 tons per year on a 12-month rolling basis.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor the total NO<sub>x</sub> emissions for the Emergency Generators (4) (Source ID: 102) monthly and on a 12-month rolling sum.

**IV. RECORDKEEPING REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of the total NO<sub>x</sub> emissions for the Emergency Generators (4) (Source ID: 102) monthly and on a 12-month rolling sum.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

The following units are included in the source group Emergency Generators (4) (Source ID: 102):

Location (bldg.)	Capacity (hp)	Installation Date
Heat Plant	176	2010
Thomas Hall	134	2011
Paisley	31.9	2013
Ritter	26.8	2011
IDC	460	2017

**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4233]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What emission standards must I meet if I am an owner or operator of a stationary SI internal combustion engine?**

The owners and operators of stationary emergency spark-ignition (SI) internal combustion engines (ICE) must comply with the following emission standards from Table 1 of the subpart for the emergency stationary SI ICE.

Table 1 to Subpart JJJJ of 40 CFR 60: NO<sub>x</sub>, CO, and VOC Emission Standards for Stationary Emergency Engines greater than 25 HP.

Engine Type	Maximum Engine Power	Manufacture Date	Emission Standards (g/HP-hr)		
			NO <sub>x</sub> *	CO	VOC
Emergency	25<HP<130	1/1/2009	10	387	N/A
Emergency	HP>130	1/1/2009	2.0	4.0	1.0

[\* The emission standards applicable to emergency engines between 25 HP and 130 HP are in terms of NO<sub>x</sub> + HC.]

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4234]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****How long must I meet the emission standards if I am an owner or operator of a stationary SI internal combustion engine?**

The owners and operators of stationary SI ICE must operate and maintain the stationary SI ICE to achieve the emission standards as required in §40 CFR 60.4233 over the entire life of the engine

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4237]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What are the monitoring requirements if I am an owner or operator of an emergency stationary SI internal combustion engine?**

The owner or operator of an emergency stationary SI internal combustion engine with maximum engine power less than 130 HP, built on or after July 1, 2008, and does not meet the standards applicable to non-emergency engines, must install a non-resettable hour meter for the emergency engine.

**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4243]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary SI internal combustion engine?**

(a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 60.4243(d).

(b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 60.4243(d), the engine will not be considered an emergency engine under 40 C.F.R. Part 60 Subpart JJJJ and must meet all requirements for non-

**SECTION D. Source Level Requirements**

emergency engines.

**# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4245]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary SI internal combustion engine?**

(a) The owners or operators of stationary SI ICE must meet the following notification, reporting and recordkeeping requirements:

(1) Maintain records of all notifications submitted to comply with this subpart and all documentation supporting any notification.

(2) Maintain records of all maintenance conducted on the engine.

(b) The owners or operators of all stationary SI emergency ICE, with maximum engine power greater than 25 HP and less than 130 HP, manufactured on or after July 1, 2008, that do not meet the standards applicable to non-emergency engines, must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter.

(1) The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.





**SECTION E. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description		Emission Limit	Pollutant
031	HEAT PLANT BOILER 1		1.000 Lbs/MMBTU	SOX
			0.400 Lbs/MMBTU	TSP
032	HEAT PLANT BOILER 2		1.000 Lbs/MMBTU	SOX
			0.400 Lbs/MMBTU	TSP
034	SMALL MISCELLANEOUS BOILERS (47)		1.000 Lbs/MMBTU	SOX
101	EMERGENCY GENERATORS (12)		500.000 PPMV	SOX
			dry basis	
102	EMERGENCY GENERATORS (5)		2.750 Tons/OZNESEAS	NOX
			6.600 Tons/Yr	NOX
			12-month rolling basis	
			100.000 Lbs/Hr	NOX
			1,000.000 Lbs/Day	NOX
			500.000 PPMV	SOX
			dry basis	

**Site Emission Restriction Summary**

Emission Limit	Pollutant
24.900 Tons/Yr	NOX
12-month rolling period	

**SECTION G. Miscellaneous.**

(a) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C of this permit, do not require limitations, monitoring, or recordkeeping:

(1) Katolight Generator, Model GTA8.36, rated design capacity - 1.572 cf/hr (natural gas). Installed at North Hall in August 2002. Exempted per RFD 46-A01-2079.

(2) Caterpillar Generator, Model G3406, rated design capacity - 1.970 cf/hr. Exempted per RFD 46-A01-2079.

(3) New Hall Generator. Exempted per RFD 46-A01-2466.

(4) Bomberger Hall, Model GTA855-G2, rated design capacity - 8.1 MMBTU/hr. Installed as a replacement in June 2006. Exempted per RFD 46-A01-2386.

(5) Performing Arts Center, rated design capacity - 8.1 MMBTU/hr. Installed June 2005. Exempted per RFD 46-A01-2348.

(b) The State Only Operating Permit 46-00118 (Synthetic Minor) (APS ID: 345727, Auth ID: 354533) incorporates the applicable conditions from Operating Permit OP-46-0118 (Synthetic Minor NOx Emitting Facility).

(c) The State Only Operating Permit 46-00118 (Synthetic Minor) (APS ID: 345724, Auth ID: 754688) has been renewed.

(d) The State Only Operating Permit 46-00118 (Synthetic Minor) (APS ID: 345727, Auth ID: 1002149) has been renewed.

(e) The Department has determined that the following sources are exempted from plan approval requirements for installation or construction:

(1) Spray Paint Booth (RFD No. 903)

(2) Spray Booth (RFD No. 2387)

(3) Spray Booth (RFD No. 2339)

(f) The State Only Operating Permit 46-00118 (Synthetic Minor) (APS ID: 345727, Auth ID: 1002149) has been renewed. The renewed SOOP 46-00118 has incorporated the previously issued Request for Determination (RFD) No. 4355 for the modification of the Heat Plant Boilers 1 and 2 (Source ID(s): 031 and 032) to burn No. 2 fuel oil.

(g) The State Only Operating Permit 46-00118 (Synthetic Minor) (APS ID: 345727, Auth ID: 1109240) has been administratively amended to identify a change in the name, address or phone number of the Responsible Official identified in the permit.

APS: 345727 AUTH: 1255605

This Operating permit has been renewed.

Source ID 031 was changed, the boiler now can burn No.2 fuel oil or natural gas. This was approved under RFD #7525 on March 7, 2019.



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

---