



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: May 3, 2018

Effective Date: May 3, 2018

Expiration Date: May 3, 2023

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

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

State Only Permit No: 15-00082

Synthetic Minor

Federal Tax Id - Plant Code: 23-1669834-1

Owner Information

Name: DOWNTOWN AREA SCH DIST

Mailing Address: 540 TRESTLE PL
DOWNTOWN, PA 19335-3459

Plant Information

Plant: DOWNTOWN AREA SCH DIST/DOWNTOWN HIGH SCH

Location: 15 Chester County 15804 Downingtown Borough

SIC Code: 8211 Services - Elementary And Secondary Schools

Responsible Official

Name: RICHARD FAZIO

Title: CFO

Phone: (610) 269 - 8460

Permit Contact Person

Name: JEFFREY KOBERNICK

Title: SUPERVISOR OF OPS

Phone: (610) 269 - 8460

[Signature] _____

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

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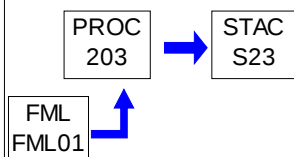
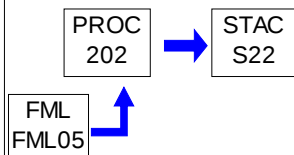
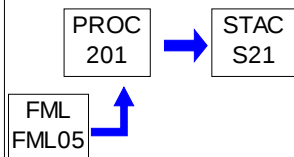
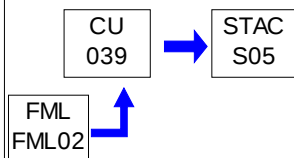
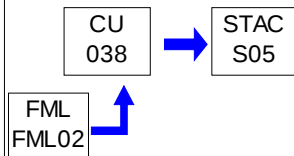
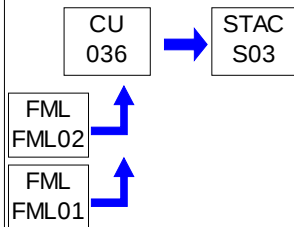
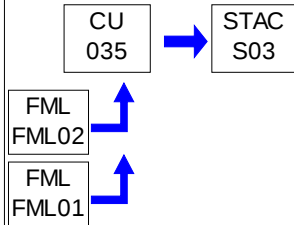
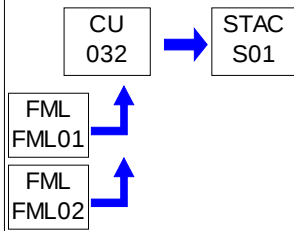
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	HB SMITH 1 (HSW)	17.100 MMBTU/HR	
		125.000 Gal/HR	#2 Oil
		17.500 MCF/HR	Natural Gas
032	HB SMITH 2 (HSW)	17.100 MMBTU/HR	
		125.000 Gal/HR	#2 Oil
		17.500 MCF/HR	Natural Gas
035	BRYAN 1 (MS)	5.000 MMBTU/HR	
		36.100 Gal/HR	#2 Oil
		5.000 MCF/HR	Natural Gas
036	BRYAN 2 (MS)	5.000 MMBTU/HR	
		36.100 Gal/HR	#2 Oil
		5.000 MCF/HR	Natural Gas
038	WEIL MCLAIN 4 (STEM)	7.200 MMBTU/HR	
		52.000 Gal/HR	#2 Oil
039	WEIL MCLAIN 5 (STEM)	7.200 MMBTU/HR	
		52.000 Gal/HR	#2 Oil
201	ONSITE ENERGY GENERATOR (STEM)	9.900 Gal/HR	Diesel Fuel
202	DETROIT GENERATOR (WEST HS)	18.600 Gal/HR	Diesel Fuel
203	GENERAC GENERATOR (DMS)	2.081 MCF/HR	Natural Gas
FML01	NATURAL GAS FML		
FML02	#2 OIL FML		
FML05	DIESEL FUEL		
S01	BOILER STACK 1		
S03	BOILER STACK 3		
S05	BOILER STACK 5		
S21	GENERATOR 201 STACK		
S22	GENERATOR 202 STACK		
S23	GENERATOR 203 STACK		

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,

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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

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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_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

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

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

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

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

SECTION B. General State Only Requirements

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

#014 [25 Pa. Code § 127.3]

Operational Flexibility.

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

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

SECTION B. General State Only Requirements

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

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

#015 [25 Pa. Code § 127.11]

Reactivation

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

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

#016 [25 Pa. Code § 127.36]

Health Risk-based Emission Standards and Operating Practice Requirements.

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

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

#017 [25 Pa. Code § 121.9]

Circumvention.

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

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

Reporting Requirements.

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

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

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

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

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

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

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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.

No person may permit air pollution as that term is defined in the Air Pollution Control Act Act 35 (P.S. Section 4003).

002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

- (a) construction or demolition of buildings or structures;
- (b) grading, paving and maintenance of roads and streets;
- (c) 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;
- (d) clearing of land;
- (e) stockpiling of materials;
- (f) open burning operations, as specified in 25 Pa. Code § 129.14;
- (g) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (h) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (i) sources and classes of sources other than those identified in (a)-(h), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) the emissions are of minor significance with respect to causing air pollution; and
 - (2) 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 Condition #002(a) -- (i) (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

A person may 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

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

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

006 [25 Pa. Code §123.42]

Exceptions

The limitations of Condition #005, of this Section, shall not apply to a visible emission in either of the following instances:

- (a) when the presence of uncombined water is the only reason for failure to meet the limitations; or
- (b) when the emission results from the sources specified in Condition #002, of this Section.

SECTION C. Site Level Requirements

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Total NO_x emissions from all NO_x emitting sources at this facility shall not exceed 24.9 tons per year, in any twelve (12) consecutive month period.

008 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result 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; or
- (g) a fire set solely for cooking food.

II. TESTING REQUIREMENTS.

009 [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, 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.

III. MONITORING REQUIREMENTS.

010 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

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

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 may be objectionable (as per 25 Pa. Code §123.31);
 - (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
 - (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

SECTION C. Site Level Requirements

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, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.

(d) After six (6) months of weekly monitoring, and 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 (if applicable), complaints, monitoring results, and/or Department findings.

[Note: The facility is currently conducting the monitoring on a monthly basis.]

IV. RECORDKEEPING REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record 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:

- (a) date, time, and location of the incident(s);
- (b) the cause of the event; and
- (c) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain 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 maintain records of total NO_x emissions from all NO_x emitting sources, calculated monthly as a 12-month rolling sum.

V. REPORTING REQUIREMENTS.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any

SECTION C. Site Level Requirements

malfunction of the source(s) or associated air pollution control devices listed in Section A, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or of a regulation contained in 25 Pa. Code Article III.

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

(c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe the following:

- (1) The malfunction(s).
- (2) The emission(s).
- (3) The duration.
- (4) Any corrective action taken.

017 [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 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.

SECTION C. Site Level Requirements

018 [25 Pa. Code §135.3]

Reporting

The permittee, who has been previously advised by the Department to submit a source report, shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information 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 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.

019 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in Condition #002, above, 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 suitable 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, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts;
- (c) paving and maintenance of roadways; and
- (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 by other means.

020 [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.

021 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an 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.

022 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.



SECTION C. Site Level Requirements

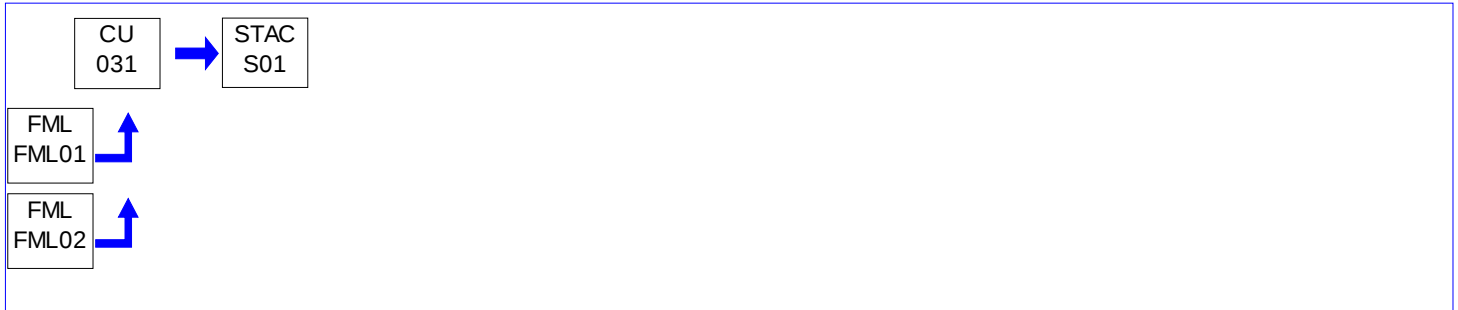
No compliance milestones exist.

SECTION D. Source Level Requirements

Source ID: 031

Source Name: HB SMITH 1 (HSW)

Source Capacity/Throughput: 17.100 MMBTU/HR
 125.000 Gal/HR #2 Oil
 17.500 MCF/HR Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from this combustion unit in excess of 0.4 pounds per million BTU of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

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

(a) A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil (No. 2 fuel oil) in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 0.05% by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

(b) Commercial fuel oil that was stored in the Commonwealth by the ultimate consumer prior to July 1, 2016, which met the applicable maximum allowable sulfur content for commercial fuel oil through June 30, 2016, in subparagraph (a) at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after July 1, 2016.

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

The permittee shall use No. 2 fuel oil or natural gas only for this boiler.

004 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

(a) This boiler shall burn natural gas not combined with liquid fuel, except during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

(b) Fuel switching from natural gas to liquid fuel will result in the facility being subjected to 40 CFR Part 63 Subpart JJJJJ: National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers located at Area Sources.

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

The permittee shall ensure that the total hours of operation for this source do not exceed 4,320 hours in any twelve (12) consecutive month period.

SECTION D. Source Level Requirements

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §123.22]

Combustion units

(a) The actual sulfur content of commercial fuel oil shall be determined:

(1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or

(2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

(b) A person other than the ultimate consumer that accepts a shipment of commercial fuel oil from a refinery or other transferor, shall sample, test, and calculate the actual sulfur content of the commercial fuel oil in accordance with (a), above, if the shipment lacks the records required by 25 Pa. Code § 123.22(g)(1).

007 [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); and

(3) results shall be reported 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.

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.

III. MONITORING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this combustion unit monthly, when the unit is in operation:

(a) operating hours firing natural gas,

(b) operating hours firing No. 2 fuel oil, and

(c) type and amount of fuel consumed.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §123.22]

Combustion units

The permittee shall receive with each fuel oil delivery and maintain an electronic or paper record which legibly and conspicuously contains the following information:

(a) the date of the sale or transfer;

(b) the name and address of the seller;

(c) the name and address of the buyer;

(d) the delivery address;

(e) the volume of commercial fuel oil purchased; and

(f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods

SECTION D. Source Level Requirements

specified in the testing requirement above, expressed as one of the following statements:

(1) For a shipment of No. 2 and lighter commercial fuel oil, "The sulfur content of this shipment is 500 ppm or below."

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the following operating parameters for this combustion unit, monthly:

- (1) operating hours firing natural gas,
- (2) operating hours firing No. 2 fuel oil,
- (3) type and amount of fuel consumed, and
- (4) reason(s) for switching fuel type.

(b) Hours of operation, calculated monthly as a 12-month rolling sum.

V. REPORTING REQUIREMENTS.

011 [25 Pa. Code §139.16]

Sulfur in fuel oil.

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

012 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

The permittee shall notify the Department and the U.S. EPA of fuel switching from natural gas to liquid fuel other than liquid fuel consumption during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

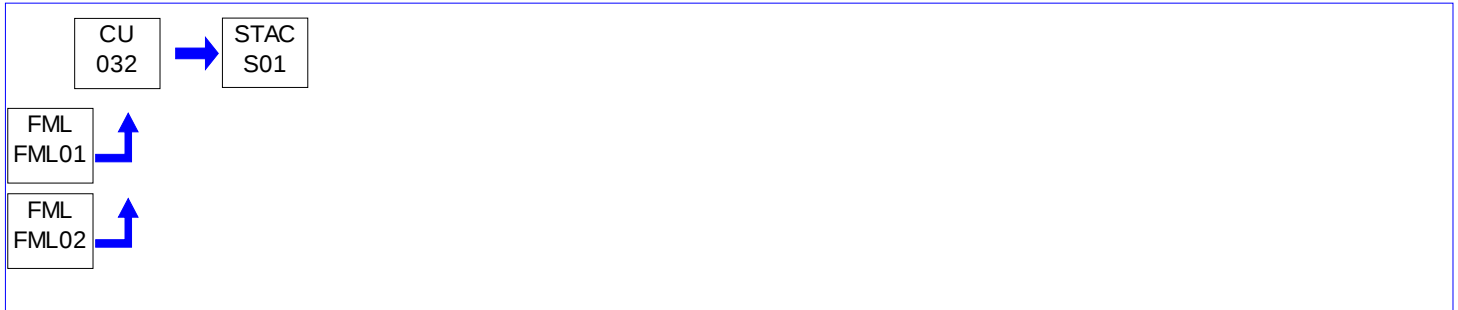
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: HB SMITH 2 (HSW)

Source Capacity/Throughput: 17.100 MMBTU/HR
 125.000 Gal/HR #2 Oil
 17.500 MCF/HR Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from this combustion unit in excess of 0.4 pounds per million BTU of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

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

(a) A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil (No. 2 fuel oil) in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 0.05% by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

(b) Commercial fuel oil that was stored in the Commonwealth by the ultimate consumer prior to July 1, 2016, which met the applicable maximum allowable sulfur content for commercial fuel oil through June 30, 2016, in subparagraph (a) at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after July 1, 2016.

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

The permittee shall use No. 2 fuel oil or natural gas only for this boiler.

004 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

(a) This boiler shall burn natural gas not combined with liquid fuel, except during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

(b) Fuel switching from natural gas to liquid fuel will result in the facility being subjected to 40 CFR Part 63 Subpart JJJJJ: National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers located at Area Sources.

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

The permittee shall ensure that the total hours of operation for this source do not exceed 4,320 hours in any twelve (12) consecutive month period.

SECTION D. Source Level Requirements

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §123.22]

Combustion units

(a) The actual sulfur content of commercial fuel oil shall be determined:

(1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or

(2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

(b) A person other than the ultimate consumer that accepts a shipment of commercial fuel oil from a refinery or other transferor, shall sample, test, and calculate the actual sulfur content of the commercial fuel oil in accordance with (a), above, if the shipment lacks the records required by 25 Pa. Code § 123.22(g)(1).

007 [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); and

(3) results shall be reported 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.

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.

III. MONITORING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this combustion unit monthly, when the unit is in operation:

(a) operating hours firing natural gas,

(b) operating hours firing No. 2 fuel oil, and

(c) type and amount of fuel consumed.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §123.22]

Combustion units

The permittee shall receive with each fuel oil delivery and maintain an electronic or paper record which legibly and conspicuously contains the following information:

(a) the date of the sale or transfer;

(b) the name and address of the seller;

(c) the name and address of the buyer;

(d) the delivery address;

(e) the volume of commercial fuel oil purchased; and

(f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods

SECTION D. Source Level Requirements

specified in the testing requirement above, expressed as one of the following statements:

(1) For a shipment of No. 2 and lighter commercial fuel oil, "The sulfur content of this shipment is 500 ppm or below."

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

(a) The permittee shall maintain records of the following operating parameters for this combustion unit, monthly:

- (1) operating hours firing natural gas,
- (2) operating hours firing No. 2 fuel oil,
- (3) type and amount of fuel consumed, and
- (4) reason(s) for switching fuel type.

(b) Hours of operation, calculated monthly as a 12-month rolling sum.

V. REPORTING REQUIREMENTS.**# 011 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

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

012 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

The permittee shall notify the Department and the U.S. EPA of fuel switching from natural gas to liquid fuel other than liquid fuel consumption during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 035

Source Name: BRYAN 1 (MS)

Source Capacity/Throughput:

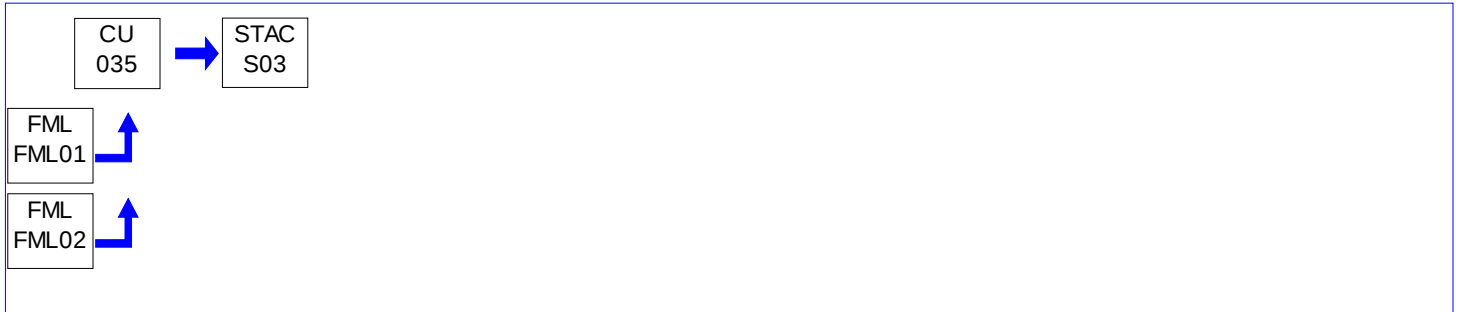
5.000 MMBTU/HR

36.100 Gal/HR

#2 Oil

5.000 MCF/HR

Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from this combustion unit in excess of 0.4 pound per million BTU of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

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

(a) A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil (No. 2 fuel oil) in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 0.05% by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

(b) Commercial fuel oil that was stored in the Commonwealth by the ultimate consumer prior to July 1, 2016, which met the applicable maximum allowable sulfur content for commercial fuel oil through June 30, 2016, in subparagraph (a) at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after July 1, 2016.

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

The permittee shall use No. 2 fuel oil or natural gas only for this boiler.

004 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

(a) This boiler shall burn natural gas not combined with liquid fuel, except during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

(b) Fuel switching from natural gas to liquid fuel will result in the facility being subjected to 40 CFR Part 63 Subpart JJJJJ: National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers located at Area Sources.

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

SECTION D. Source Level Requirements

The permittee shall ensure that the total hours of operation for this source do not exceed 4,320 hours in any twelve (12) consecutive month period.

II. TESTING REQUIREMENTS.**# 006 [25 Pa. Code §123.22]****Combustion units**

(a) The actual sulfur content of commercial fuel oil shall be determined:

- (1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or
- (2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

(b) A person other than the ultimate consumer that accepts a shipment of commercial fuel oil from a refinery or other transferor, shall sample, test, and calculate the actual sulfur content of the commercial fuel oil in accordance with (a), above, if the shipment lacks the records required by 25 Pa. Code § 123.22(g)(1).

007 [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); and
- (3) results shall be reported 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.

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.

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

The permittee shall monitor the following operating parameters for this combustion unit monthly, when the unit is in operation:

- (a) operating hours firing natural gas,
- (b) operating hours firing No. 2 fuel oil, and
- (c) type and amount of fuel consumed.

IV. RECORDKEEPING REQUIREMENTS.**# 009 [25 Pa. Code §123.22]****Combustion units**

The permittee shall receive with each fuel oil delivery and maintain an electronic or paper record which legibly and conspicuously contains the following information:

- (a) the date of the sale or transfer;

SECTION D. Source Level Requirements

- (b) the name and address of the seller;
- (c) the name and address of the buyer;
- (d) the delivery address;
- (e) the volume of commercial fuel oil purchased; and
- (f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods specified in the testing requirement above, expressed as one of the following statements:

(1) For a shipment of No. 2 and lighter commercial fuel oil, "The sulfur content of this shipment is 500 ppm or below."

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the following operating parameters for this combustion unit, monthly:

- (1) operating hours firing natural gas,
- (2) operating hours firing No. 2 fuel oil,
- (3) type and amount of fuel consumed, and
- (4) reason(s) for switching fuel type.

(b) Hours of operation, calculated monthly as a 12-month rolling sum.

V. REPORTING REQUIREMENTS.

011 [25 Pa. Code §139.16]

Sulfur in fuel oil.

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

012 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

The permittee shall notify the Department and the U.S. EPA of fuel switching from natural gas to liquid fuel other than liquid fuel consumption during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: BRYAN 2 (MS)

Source Capacity/Throughput:

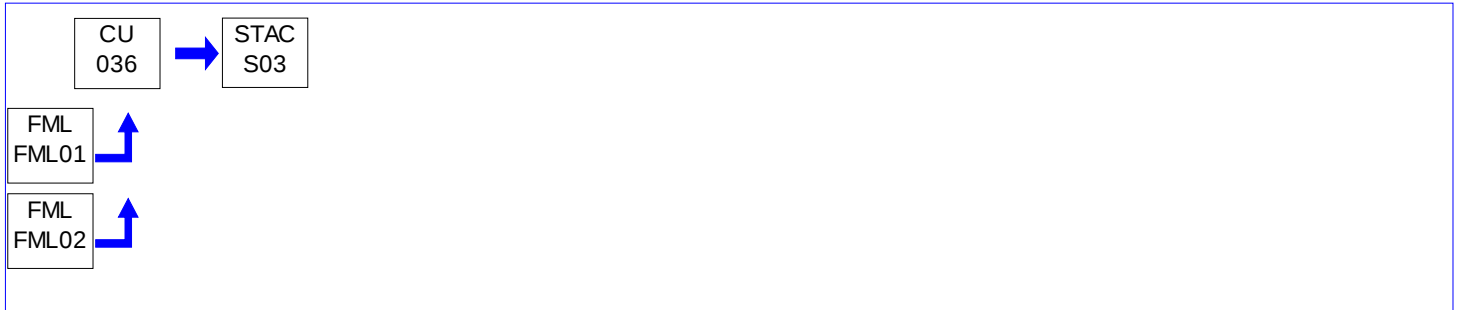
5.000 MMBTU/HR

36.100 Gal/HR

#2 Oil

5.000 MCF/HR

Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from this combustion unit in excess of 0.4 pound per million BTU of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

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

(a) A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil (No. 2 fuel oil) in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 0.05% by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

(b) Commercial fuel oil that was stored in the Commonwealth by the ultimate consumer prior to July 1, 2016, which met the applicable maximum allowable sulfur content for commercial fuel oil through June 30, 2016, in subparagraph (a) at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after July 1, 2016.

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

The permittee shall use No. 2 fuel oil or natural gas only for this boiler.

004 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

(a) This boiler shall burn natural gas not combined with liquid fuel, except during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

(b) Fuel switching from natural gas to liquid fuel will result in the facility being subjected to 40 CFR Part 63 Subpart JJJJJ: National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers located at Area Sources.

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

SECTION D. Source Level Requirements

The permittee shall ensure that the total hours of operation for this source do not exceed 4,320 hours in any twelve (12) consecutive month period.

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §123.22]

Combustion units

(a) The actual sulfur content of commercial fuel oil shall be determined:

- (1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or
- (2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

(b) A person other than the ultimate consumer that accepts a shipment of commercial fuel oil from a refinery or other transferor, shall sample, test, and calculate the actual sulfur content of the commercial fuel oil in accordance with (a), above, if the shipment lacks the records required by 25 Pa. Code § 123.22(g)(1).

007 [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); and
- (3) results shall be reported 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.

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.

III. MONITORING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this combustion unit monthly, when the unit is in operation:

- (a) operating hours firing natural gas,
- (b) operating hours firing No. 2 fuel oil, and
- (c) type and amount of fuel consumed.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §123.22]

Combustion units

The permittee shall receive with each fuel oil delivery and maintain an electronic or paper record which legibly and conspicuously contains the following information:

- (a) the date of the sale or transfer;

SECTION D. Source Level Requirements

- (b) the name and address of the seller;
- (c) the name and address of the buyer;
- (d) the delivery address;
- (e) the volume of commercial fuel oil purchased; and
- (f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods specified in the testing requirement above, expressed as one of the following statements:

(1) For a shipment of No. 2 and lighter commercial fuel oil, "The sulfur content of this shipment is 500 ppm or below."

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the following operating parameters for this combustion unit, monthly:

- (1) operating hours firing natural gas,
- (2) operating hours firing No. 2 fuel oil,
- (3) type and amount of fuel consumed, and
- (4) reason(s) for switching fuel type.

(b) Hours of operation, calculated monthly as a 12-month rolling sum.

V. REPORTING REQUIREMENTS.

011 [25 Pa. Code §139.16]

Sulfur in fuel oil.

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

012 Elective Restriction

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11194(d) and § 63.11195(e).]

The permittee shall notify the Department and the U.S. EPA of fuel switching from natural gas to liquid fuel other than liquid fuel consumption during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 038

Source Name: WEIL MCLAIN 4 (STEM)

Source Capacity/Throughput:

7.200 MMBTU/HR

52.000 Gal/HR

#2 Oil



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission into the outdoor atmosphere of particulate matter from this combustion unit in excess of 0.4 pound per million BTU of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

Fuel Restriction(s).

002 [25 Pa. Code §123.22]

Combustion units

(a) A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil (No. 2 fuel oil) in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 0.05% by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

(b) Commercial fuel oil that was stored in the Commonwealth by the ultimate consumer prior to July 1, 2016, which met the applicable maximum allowable sulfur content for commercial fuel oil through June 30, 2016, in subparagraph (a) at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after July 1, 2016.

Operation Hours Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total hours of operation for this source do not exceed 4,320 hours in any twelve (12) consecutive month period.

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §123.22]

Combustion units

(a) The actual sulfur content of commercial fuel oil shall be determined:

(1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or

(2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

(b) A person other than the ultimate consumer that accepts a shipment of commercial fuel oil from a refinery or other transferor, shall sample, test, and calculate the actual sulfur content of the commercial fuel oil in accordance with (a), above, if the shipment lacks the records required by 25 Pa. Code § 123.22(g)(1).

SECTION D. Source Level Requirements

005 [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); and
- (3) results shall be reported 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.

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.

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this combustion unit on a monthly basis:

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

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §123.22]

Combustion units

The permittee shall receive with each fuel oil delivery and maintain an electronic or paper record which legibly and conspicuously contains the following information:

- (a) the date of the sale or transfer;
- (b) the name and address of the seller;
- (c) the name and address of the buyer;
- (d) the delivery address;
- (e) the volume of commercial fuel oil purchased; and
- (f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods specified in the testing requirement above, expressed as one of the following statements:

- (1) For a shipment of No. 2 and lighter commercial fuel oil, "The sulfur content of this shipment is 500 ppm or below."

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain the following records for this combustion unit on a monthly basis:

- (a) Hours of operation, as the 12-month rolling sum;
- (b) Amount and type of fuel consumed.

The records shall be retained by the permittee, on site.

009 [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?

SECTION D. Source Level Requirements

- (a) The permittee shall keep records of the boiler tune-up procedures and results to demonstrate continuous compliance with 40 CFR 63 Subpart JJJJJJ, including a description of any corrective actions taken as a part of the tune-up of the boiler, and type and amount of fuel(s) used over the 12-months prior to the tune-up.
- (b) The tune-up shall include, at a minimum, the following:
- (1) Inspection, adjustment, cleaning or replacement of the burner. The permittee may delay the burner inspection until the next scheduled shutdown, but the inspection shall be conducted at least once every 36 months.
 - (2) Inspection of the flame pattern and adjustments necessary to optimize the flame pattern.
 - (3) Inspection of air-to-fuel ratio control system to ensure correct calibration and proper operation.
 - (4) Optimization of total carbon monoxide (CO) emissions according to the manufacturer's specifications, if applicable.
 - (5) Measurement of CO in ppmv and oxygen (O₂) in % volume in exhaust, before and after tune-up.

010 [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?

The permittee shall maintain the following records, as specified in 40 CFR §63.11225(c):

- (a) each notification and report submitted to comply with this subpart requirements,
- (b) all documentation supporting any Initial Notification or Notification of Compliance Status,
- (c) dates and procedures of each tune-up, management practices, and
- (d) occurrence and duration of each malfunction of the boiler and actions taken to correct each malfunction.

V. REPORTING REQUIREMENTS.

011 [25 Pa. Code §139.16]

Sulfur in fuel oil.

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

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11214]

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

How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?

- (a) The permittee shall submit the initial Notification of Compliance Status report in accordance with 40 CFR §§ 63.11225(a)(4) and 63.9(h), no later than 120 days after the compliance date as specified in Condition #013, under this source.
- (b) The notification shall include that facility complies with the requirements in 40 CFR §63.11214 to conduct an initial tune-up of this boiler, and shall be signed by a responsible official.

013 [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 permittee shall prepare and submit the initial Notification of Compliance Status report to US EPA and the Department (as specified in Condition #009, under this source), in accordance with 40 CFR §§ 63.11225(a)(4) and 63.9(h).

SECTION D. Source Level Requirements

(b) The permittee shall prepare the subsequent reports in accordance with 40 CFR §§63.11225(b)(1)-(4) and 63.9(h). The reports shall be submitted to US EPA and the Department upon request.

(c) The reports shall include, at a minimum, the following:

- (1) Company name and address.
- (2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature.
- (3) Any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.9]

Subpart A--General Provisions

Notification requirements.

All of the reporting documents required under 40 CFR 63 Subpart JJJJJJ shall be submitted to the Department and US EPA Region III:

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

VI. WORK PRACTICE REQUIREMENTS.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain this source in accordance with manufacturer's specifications.

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11196]

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

What are my compliance dates?

The permittee shall achieve compliance with the work practice standards and management practices of the first boiler tune-up no later than the compliance date, as specified in 40 CFR §63.11196(a)(1).

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]

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

What standards must I meet?

The permittee shall conduct subsequent tune-up of this boiler, as required in 40 CFR § 63.11223 (a) and (b).

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 039

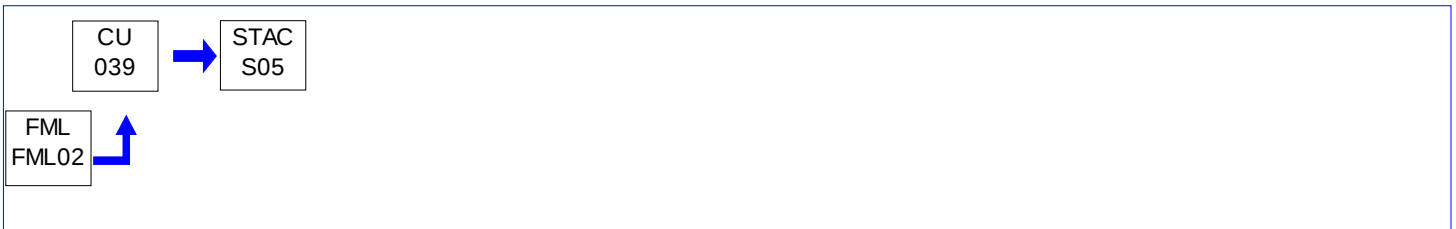
Source Name: WEIL MCLAIN 5 (STEM)

Source Capacity/Throughput:

7.200 MMBTU/HR

52.000 Gal/HR

#2 Oil



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission into the outdoor atmosphere of particulate matter from this combustion unit in excess of 0.4 pound per million BTU of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

Fuel Restriction(s).

002 [25 Pa. Code §123.22]

Combustion units

(a) A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil (No. 2 fuel oil) in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 0.05% by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

(b) Commercial fuel oil that was stored in the Commonwealth by the ultimate consumer prior to July 1, 2016, which met the applicable maximum allowable sulfur content for commercial fuel oil through June 30, 2016, in subparagraph (a) at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after July 1, 2016.

Operation Hours Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total hours of operation for this source do not exceed 4,320 hours in any twelve (12) consecutive month period.

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §123.22]

Combustion units

(a) The actual sulfur content of commercial fuel oil shall be determined:

(1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or

(2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

(b) A person other than the ultimate consumer that accepts a shipment of commercial fuel oil from a refinery or other transferor, shall sample, test, and calculate the actual sulfur content of the commercial fuel oil in accordance with (a), above, if the shipment lacks the records required by 25 Pa. Code § 123.22(g)(1).

SECTION D. Source Level Requirements

005 [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); and

(3) results shall be reported 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.

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.

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this combustion unit on a monthly basis:

(a) Hours of operation;

(b) Amount and type of fuel consumed.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §123.22]

Combustion units

The permittee shall receive with each fuel oil delivery and maintain an electronic or paper record which legibly and conspicuously contains the following information:

(a) the date of the sale or transfer;

(b) the name and address of the seller;

(c) the name and address of the buyer;

(d) the delivery address;

(e) the volume of commercial fuel oil purchased; and

(f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods specified in the testing requirement above, expressed as one of the following statements:

(1) For a shipment of No. 2 and lighter commercial fuel oil, "The sulfur content of this shipment is 500 ppm or below."

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain the following records for this combustion unit on a monthly basis:

(a) Hours of operation, as the 12-month rolling sum;

(b) Amount and type of fuel consumed.

The records shall be retained by the permittee, on site.

009 [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?

SECTION D. Source Level Requirements

- (a) The permittee shall keep records of the boiler tune-up procedures and results to demonstrate continuous compliance with 40 CFR 63 Subpart JJJJJJ, including a description of any corrective actions taken as a part of the tune-up of the boiler, and type and amount of fuel(s) used over the 12-months prior to the tune-up.
- (b) The tune-up shall include, at a minimum, the following:
- (1) Inspection, adjustment, cleaning or replacement of the burner. The permittee may delay the burner inspection until the next scheduled shutdown, but the inspection shall be conducted at least once every 36 months.
 - (2) Inspection of the flame pattern and adjustments necessary to optimize the flame pattern.
 - (3) Inspection of air-to-fuel ratio control system to ensure correct calibration and proper operation.
 - (4) Optimization of total carbon monoxide (CO) emissions according to the manufacturer's specifications, if applicable.
 - (5) Measurement of CO in ppmv and oxygen (O₂) in % volume in exhaust, before and after tune-up.

010 [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?

The permittee shall maintain the following records, as specified in 40 CFR §63.11225(c):

- (a) each notification and report submitted to comply with this subpart requirements,
- (b) all documentation supporting any Initial Notification or Notification of Compliance Status,
- (c) dates and procedures of each tune-up, management practices, and
- (d) occurrence and duration of each malfunction of the boiler and actions taken to correct each malfunction.

V. REPORTING REQUIREMENTS.

011 [25 Pa. Code §139.16]

Sulfur in fuel oil.

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

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11214]

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

How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?

- (a) The permittee shall submit the initial Notification of Compliance Status report in accordance with 40 CFR §§ 63.11225(a)(4) and 63.9(h), no later than 120 days after the compliance date as specified in Condition #013, under this source.
- (b) The notification shall include that facility complies with the requirements in 40 CFR §63.11214 to conduct an initial tune-up of this boiler, and shall be signed by a responsible official.

013 [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 permittee shall prepare and submit the initial Notification of Compliance Status report to US EPA and the Department (as specified in Condition #009, under this source), in accordance with 40 CFR §§ 63.11225(a)(4) and 63.9(h).

SECTION D. Source Level Requirements

(b) The permittee shall prepare the subsequent reports in accordance with 40 CFR §§63.11225(b)(1)-(4) and 63.9(h). The reports shall be submitted to US EPA and the Department upon request.

(c) The reports shall include, at a minimum, the following:

- (1) Company name and address.
- (2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature.
- (3) Any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.9]

Subpart A--General Provisions

Notification requirements.

All of the reporting documents required under 40 CFR 63 Subpart JJJJJJ shall be submitted to the Department and US EPA Region III:

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

VI. WORK PRACTICE REQUIREMENTS.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain this source in accordance with manufacturer's specifications.

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11196]

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

What are my compliance dates?

The permittee shall achieve compliance with the work practice standards and management practices of the first boiler tune-up no later than the compliance date, as specified in 40 CFR §63.11196(a)(1).

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]

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

What standards must I meet?

The permittee shall conduct subsequent tune-up of this boiler, as required in 40 CFR § 63.11223 (a) and (b).

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 201

Source Name: ONSITE ENERGY GENERATOR (STEM)

Source Capacity/Throughput:

9.900 Gal/HR

Diesel Fuel



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Visible emissions from this emergency generator stack shall not exceed the following limitations:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
- (b) Equal to or greater than 30% at any time.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Total combined NOx emissions from Source IDs 201, 202, and 203 shall not exceed the following emission limits:

- (a) 100 lbs. per hour,
- (b) 1000 lbs. per day,
- (c) 2.75 tons per ozone season (May 1 through September 30), and
- (d) 6.6 tons per year, on a 12-month rolling sum basis.

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

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal combustion engine?

The permittee shall comply with the emission standards, as listed below (EPA Tier III Emission Standards):

- (a) NMHC+NOx: 4.0 g/kW-hr, or 3.08 g/hp-hr
- (b) CO: 3.5 g/kW-hr, or 2.61 g/hp-hr
- (c) PM: 0.20 g/kW-hr, or 0.15 g/hp-hr

Fuel Restriction(s).

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to this subpart?

The permittee shall use only diesel fuel for this source, which meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, as listed below:

- (a) Maximum sulfur content: 15 parts per million (ppm, by weight)

**SECTION D. Source Level Requirements**

(b) Minimum cetane index: 40, or maximum aromatic content: 35% by volume

[Compliance with this streamlined condition assures compliance with 25 Pa. Code §123.21.]

Operation Hours Restriction(s).

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) Maintenance checks and readiness testing hours for this generator shall not exceed 100 hours per year, as a 12-month rolling sum.

(b) This generator may operate up to 50 hours per year in non-emergency situations. Those 50 hours are counted towards the 100 hours provided for maintenance and testing, and cannot be used as peak shaving or generating income by providing power to an electric grid.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) For this source, the permittee shall maintain records of total amount of fuel consumed, monthly.

(b) The permittee shall maintain records of the combined NO_x emissions from Source IDs 201, 202, and 203, calculated monthly as a 12-month rolling sum.

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

The permittee shall keep records of engine manufacturer data indicating compliance with the emission standards.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) The permittee shall keep the following records, when this source is in operation:

- (1) time of operation and reason in service, such as emergency, non-emergency, maintenance or testing.
- (2) operating hours.

(b) The permittee shall compile and keep records of total operating hours for each operating situation, calculated monthly as a 12-month rolling sum.

(c) The permittee shall maintain the following records:

SECTION D. Source Level Requirements

- (1) occurrence and duration of each malfunction,
- (2) actions taken during periods of malfunction to minimize emissions, including corrective actions to restore malfunctioning process and monitoring equipment to its normal manner of operation, and
- (3) routine maintenance and inspection procedure and results.

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.

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine?

The permittee shall operate and maintain this source in a manner consistent with safety and good air pollution control practices for minimizing emissions, and in accordance with manufacturer's specifications.

011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?

This source shall be equipped with a non-resettable hour meter.

VII. ADDITIONAL REQUIREMENTS.

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

(a) This source is a 125 KW MTU Onsite Energy Emergency Generator, Model No. DS00125D6SPARK0574, Serial No. 330111-1-1-2011, EPA Tier III certified diesel engine, model year: 2011.

(b) This source is subject to 40 CFR Part 60 Subpart III.

SECTION D. Source Level Requirements

Source ID: 202

Source Name: DETROIT GENERATOR (WEST HS)

Source Capacity/Throughput:

18.600 Gal/HR

Diesel Fuel



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Visible emissions from this emergency generator stack shall not exceed the following limitations:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
- (b) Equal to or greater than 30% at any time.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Total combined NOx emissions from Source IDs 201, 202, and 203 shall not exceed the following emission limits:

- (a) 100 lbs. per hour,
- (b) 1000 lbs. per day,
- (c) 2.75 tons per ozone season (May 1 through September 30), and
- (d) 6.6 tons per year, on a 12-month rolling sum basis.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with 40 CFR §80.510(b), diesel fuel for this emergency engine shall meet the following standards:

- (a) A maximum sulfur content of 15ppm.
- (b) A minimum cetane index of 40; or a maximum aromatic content of 35 volume percent.

[Compliance with this streamlined condition assures compliance with 25 Pa. Code §123.21.]

Operation Hours Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Maintenance checks and readiness testing hours for this generator shall not exceed 100 hours per year, as a 12-month rolling sum.

(b) Non-emergency operating hours for this generator shall not exceed 50 hours per year, as a 12-month rolling sum. The 50 hours are counted towards the 100 hours per year provided for maintenance and testing.

SECTION D. Source Level Requirements

(c) Demand response operating hours for this generator shall not exceed 15 hours per year, as a 12-month rolling sum. The 15 hours are counted towards the 50 hours per year provided for non-emergency operation.

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.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor the following, when this source is in operation:

- (1) time of operation.
- (2) duration of operation.
- (3) reason in service, such as emergency, non-emergency, maintenance or testing.

(b) The permittee shall monitor the fuel consumption, monthly.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For this source, the permittee shall

(a) keep the following records, when in operation:

- (1) time of operation.
- (2) duration of operation.
- (3) reason in service, such as emergency, non-emergency, maintenance or testing.

(b) compile and keep the following records, calculated monthly as a 12-month rolling sum:

- (1) operating hours for each service reason.
- (2) total operating hours.
- (3) fuel consumption.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) For this source, the permittee shall maintain records of total amount of fuel consumed, monthly.

(b) The permittee shall maintain records of the combined NO_x emissions from Source IDs 201, 202, and 203, calculated monthly as 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).

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

The permittee shall operate and maintain this source in a manner consist with safety and good air pollution control practices for minimizing emissions, and in accordance with manufacturer's specifications.

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

(a) This source is a 265 KW Detroit Diesel Series 60 Emergency Generator, Model No. 250DSE, Serial No. 0703591 (CI RICE engine), installed in 2002.

(b) This source, an institutional emergency generator, is exempt from the applicable requirements of 40 CFR Part 63 Subpart ZZZZ when it is in compliance with Condition #005 under this source, as specified in 40 CFR §63.6675 - Emergency Stationary RICE.

SECTION D. Source Level Requirements

Source ID: 203

Source Name: GENERAC GENERATOR (DMS)

Source Capacity/Throughput:

2.081 MCF/HR

Natural Gas



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §123.21]

General

No person may 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 SO₂, in the effluent gas exceeds 500 ppmvd.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Visible emissions from this emergency generator stack shall not exceed the following limitations:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
- (b) Equal to or greater than 30% at any time.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Total combined NO_x emissions from Source IDs 201, 202, and 203 shall not exceed the following emission limits:

- (a) 100 lbs. per hour,
- (b) 1000 lbs. per day,
- (c) 2.75 tons per ozone season (May 1 through September 30), and
- (d) 6.6 tons per year, on a 12-month rolling sum basis.

Fuel Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall use only natural gas as fuel for this source.

Operation Hours Restriction(s).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) Maintenance checks and readiness testing hours for this generator shall not exceed 100 hours per year, as a 12-month rolling sum.
- (b) Non-emergency operating hours for this generator shall not exceed 50 hours per year, as a 12-month rolling sum. The 50 hours are counted towards the 100 hours per year provided for maintenance and testing.

SECTION D. Source Level Requirements

(c) Demand response operating hours for this generator shall not exceed 15 hours per year, as a 12-month rolling sum. The 15 hours are counted towards the 50 hours per year provided for non-emergency operation.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor the following, when this source is in operation:

- (1) time of operation.
- (2) duration of operation.
- (3) reason in service, such as emergency, non-emergency, maintenance or testing.

(b) The permittee shall monitor the fuel consumption, monthly.

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For this source, the permittee shall

(a) keep the following records, when in operation:

- (1) time of operation.
- (2) duration of operation.
- (3) reason in service, such as emergency, non-emergency, maintenance or testing.

(b) compile and keep the following records, calculated monthly as a 12-month rolling sum:

- (1) operating hours for each service reason.
- (2) total operating hours.
- (3) fuel consumption.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) For this source, the permittee shall maintain records of total amount of fuel consumed, monthly.

(b) The permittee shall maintain records of the combined NO_x emissions from Source IDs 201, 202, and 203, calculated monthly as 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).

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

The permittee shall operate and maintain this source in a manner consist with safety and good air pollution control practices for minimizing emissions, and in accordance with manufacturer's specifications.

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

(a) This source is a 125 KW Generac Emergency Generator, Model No. 97A01668-S, Serial No. 2034070, with a Hino engine (88486, SI RICE) using natural gas as fuel, installed in 1997.

(b) This source, an institutional emergency generator, is exempt from the applicable requirements of 40 CFR Part 63 Subpart ZZZZ when it is in compliance with Condition #006 under this source, as specified in 40 CFR §63.6675 - Emergency Stationary RICE.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description																		
031	HB SMITH 1 (HSW)																		
<table> <tr> <th>Emission Limit</th><th>Pollutant</th></tr> <tr> <td>0.400 Lbs/MMBTU</td><td>TSP</td></tr> </table>		Emission Limit	Pollutant	0.400 Lbs/MMBTU	TSP														
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032	HB SMITH 2 (HSW)																		
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035	BRYAN 1 (MS)																		
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038	WEIL MCLAIN 4 (STEM)																		
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0.400 Lbs/MMBTU	TSP																		
201	ONSITE ENERGY GENERATOR (STEM)																		
<table> <tr> <th>Emission Limit</th><th>Pollutant</th></tr> <tr> <td>3.500 GRAMS/KW-Hr</td><td>CO</td></tr> <tr> <td>2.750 Tons</td><td>ozone season, fr 201,202 & 203</td></tr> <tr> <td>4.000 GRAMS/KW-Hr</td><td>as NMHC+NOx</td></tr> <tr> <td>6.600 Tons/Yr</td><td>12-month rolling, combined fr 201,202 & 203</td></tr> <tr> <td>100.000 Lbs/Hr</td><td>combined fr 201,202 & 203</td></tr> <tr> <td>1,000.000 Lbs/Day</td><td>combined fr 201,202 & 203</td></tr> <tr> <td>0.040 gr/DRY FT3</td><td>TSP</td></tr> <tr> <td>0.200 GRAMS/KW-Hr</td><td>TSP</td></tr> </table>		Emission Limit	Pollutant	3.500 GRAMS/KW-Hr	CO	2.750 Tons	ozone season, fr 201,202 & 203	4.000 GRAMS/KW-Hr	as NMHC+NOx	6.600 Tons/Yr	12-month rolling, combined fr 201,202 & 203	100.000 Lbs/Hr	combined fr 201,202 & 203	1,000.000 Lbs/Day	combined fr 201,202 & 203	0.040 gr/DRY FT3	TSP	0.200 GRAMS/KW-Hr	TSP
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202	DETROIT GENERATOR (WEST HS)																		
<table> <tr> <th>Emission Limit</th><th>Pollutant</th></tr> <tr> <td>2.750 Tons</td><td>ozone season, fr 201,202 & 203</td></tr> <tr> <td>6.600 Tons/Yr</td><td>12-month rolling, combined fr 201,202 & 203</td></tr> <tr> <td>100.000 Lbs/Hr</td><td>combined fr 201,202 & 203</td></tr> <tr> <td>1,000.000 Lbs/Day</td><td>combined fr 201,202 & 203</td></tr> <tr> <td>0.040 gr/DRY FT3</td><td>TSP</td></tr> </table>		Emission Limit	Pollutant	2.750 Tons	ozone season, fr 201,202 & 203	6.600 Tons/Yr	12-month rolling, combined fr 201,202 & 203	100.000 Lbs/Hr	combined fr 201,202 & 203	1,000.000 Lbs/Day	combined fr 201,202 & 203	0.040 gr/DRY FT3	TSP						
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1,000.000 Lbs/Day	combined fr 201,202 & 203																		
0.040 gr/DRY FT3	TSP																		

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description		
203	GENERAC GENERATOR (DMS)		
Emission Limit			Pollutant
2.750	Tons	ozone season, fr 201,202 & 203	NOX
6.600	Tons/Yr	12-month rolling, combined fr 201,202 & 203	NOX
100.000	Lbs/Hr	combined fr 201,202 & 203	NOX
1,000.000	Lbs/Day	combined fr 201,202 & 203	NOX
500.000	PPMV		SOX
0.040	gr/DRY FT3		TSP

Site Emission Restriction Summary

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

**SECTION G. Miscellaneous.**

The sources listed in Sections A, D & F of this State Only (Synthetic Minor) Operating Permit are located in the following areas of the Downingtown Area School District:

Source ID	Source Name	Location
031	H.B. Smith #1	DSH-W (17.1 MMBtu/hr)
032	H.B. Smith #2	DSH-W (17.1 MMBtu/hr)
033	Weil McLain #1	DSH-E (7.0 MMBtu/hr)
034	Weil McLain #2	DSH-E (7.0 MMBtu/hr)
035	Bryan #1	DMS (5 MMBtu/hr)
036	Bryan #2	DMS (5 MMBtu/hr)
037	Weil McLain #3	NGC-E (2.3 MMBtu/hr)
038	Weil McLain #4	NGC-W (7.2 MMBtu/hr)
039	Weil McLain #5	NGC-W (7.2 MMBtu/hr)

Note: The above abbreviated location denote the following:

- (i). DSH-E: Downingtown High School - East campus is approximately 5 miles away from the west campus.
- (ii). DSH-W: Downingtown High School - West campus
- (iii). DMS: Downingtown Middle School - West campus
- (iv). NGC-E: 9th Grade Center - East campus
- (v). NGC-W: 9th Grade Center - West campus

APS# 345499, AUTH# 699354, Date: February 2009 - This is a SMOP operating permit renewal for this facility. Following changes have been made:

- Source ID 037, Weil McLain #3 boiler, is removed from Section D and is placed in Section G as an insignificant source. This boiler is rated less than 2.5 MMBtu/hr.
- The monitoring and recordkeeping frequency for Sources 031 and 032 has been changed from weekly to monthly.

APS# 345499, AUTH# 779555, Date: February 2009 - This is an Administrative Amendment to correct typographical errors in identifying source locations, for Source IDs 031, 032, 033, and 034, as noted in the paragraph above. Downingtown School East Campus is exempt from the requirement to obtain an operating permit.

APS# 345499; AUTH# 942970, February 2013 - Operating Permit renewal:

- NGC-E and NGC-W (9th Grade Center) became STEM Academy (Science, Technology, Engineering and Math).
- A new emergency generator, MTU Onsite Energy, was installed in 2011 at STEM under RFD No. 1768.
- MTU Onsite emergency generator together with the existing emergency generators (Source IDs 201 to 203) is incorporated into this Operating Permit.

APS# 345499 AUTH# 1197587, February 2018 - Operating Permit renewal:

- Applicable requirements under 25 Pa. Code §123.22 are incorporated into the permit.



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