



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

STATE ONLY OPERATING PERMIT

Issue Date: August 21, 2020

Effective Date: August 21, 2020

Expiration Date: August 21, 2025

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: 46-00167

Synthetic Minor

Federal Tax Id - Plant Code: 81-3510140

Owner Information

Name: PARKHOUSE OPR LLC

Mailing Address: 1600 BLACK ROCK RD
ROYERSFORD, PA 19468-3147

Plant Information

Plant: PARKHOUSE NURSING & REHAB CTR/ROYERSFORD

Location: 46 Montgomery County 46957 Upper Providence Township

SIC Code: 8069 Services - Specialty Hospitals, Except Psychiatric

Responsible Official

Name: KELLI CAMPBELL

Title: FACILITY ADMINISTRATOR

Phone: (610) 792 - 2270

Permit Contact Person

Name: JENNIFER JOHNSON

Title: PURCHASING/AP ASSISTANT

Phone: (610) 792 - 2270

[Signature] _____

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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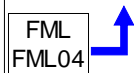
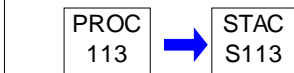
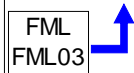
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
037	8.4 MMBTU TEMPORARY BOILER	8,235.000 CF/HR	Natural Gas
038	14.25 MMBTU CLEAVER BROOKS BOILER # 3	13,797.000 CF/HR	Natural Gas
		100.000 Gal/HR	#2 Oil
112	NORTH EMERGENCY GENERATOR (300 KW)	3.260 MMBTU/HR	
		23.300 Gal/HR	Diesel Fuel
113	WEST EMERGENCY GENERATOR (300 KW)	3.260 MMBTU/HR	
		23.300 Gal/HR	Diesel Fuel
FML01	#2 FUEL OIL		
FML02	NATURAL GAS		
FML03	NORTH EMER GEN DIESEL TANK		
FML04	WEST EMER GEN DIESEL TANK		
S037	TEMP BOILER STACK		
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S113	WEST EMERGENCY GENERATOR STACK		
S35	CLEAVER BROOKS MAIN BOILER NO. 1 STACK		

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO_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)

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

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

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

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

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

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

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

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

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 any of the following instances:

- (a). When the presence of uncombined water is the only reason for failure to meet the limitations.
- (b). When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

**SECTION C. Site Level Requirements**

(c). When the emission results from the sources specified in Condition #002, of this Section.

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

The permittee shall limit its facility NOx emissions to below 25 tons per year, calculated as a 12-month rolling sum.

008 [25 Pa. Code §129.14]**Open burning operations**

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

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

II. TESTING REQUIREMENTS.**# 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).

**SECTION C. Site Level Requirements**

- (3) Fugitive Particulate Matter (as per 25 Pa. Code §§ 123.1 and 123.2).
- (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:
- (1) Be investigated;
 - (2) Be reported to the facility management, or individual(s) designated by the permittee;
 - (3) Have appropriate corrective action taken (for emissions that originate on-site); and
 - (4) Be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.
- (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, complaints, monitoring results, and/or Department findings.

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

- (a). The permittee shall compile and record the total amount of NO_x produced by each source listed in this permit on a monthly and a 12-month rolling basis to demonstrate compliance with the facility-wide emissions limit in this permit.
- (b). The permittee shall keep the records collected in paragraph (a) for a period of five (5) years, and these records shall be made available to the Department upon request.

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.

V. REPORTING REQUIREMENTS.**# 014 [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 [25 Pa. Code § 127.441(d) and 40 CFR Part 68] 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:

**SECTION C. Site Level Requirements**

- (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:
- (1). The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.
 - (2). The permittee fails to submit a compliance schedule or include a statement in an annual Compliance Certification submittal for the previous year indicating compliance with the requirements of the terms and conditions of this permit, and the requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68. The certification shall include:
 - (i). The identification of each term or condition of the permit that is the basis of the certification.
 - (ii). The compliance status.
 - (iii). The methods used for determining the compliance status of the source, currently and over the reporting period.
 - (iv). Whether compliance was continuous or intermittent.
- (g). The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance of this permit.

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

The permittee shall submit the following:

- (a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.
- (c) The report shall describe the following:

**SECTION C. Site Level Requirements**

- (1) Name, permit or authorization number, and location of the facility;
 - (2) Nature and cause of the malfunction, emergency or incident;
 - (3) Date and time when the malfunction, emergency or incident was first observed;
 - (4) Expected duration of excess emissions;
 - (5) Estimated rate of emissions; and
 - (6) Corrective actions or preventative measures taken.
- (d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.
- (e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.
- (f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.
- (g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

VI. WORK PRACTICE REQUIREMENTS.**# 016 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in Condition #002, of this Section, 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, as approved by the Department, 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, as approved by the Department, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

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

The permittee shall operate and maintain all sources listed in this permit in accordance with manufacturers' specifications and good air pollution control practices.

018 [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.

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

[Additional authority for this permit condition is also derived from 40 CFR § 60.4200]

All compression ignition stationary combustion engines used at the facility must be certified by manufacturer as set forth in 40 CFR § 60.4202 for emergency engines.

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.

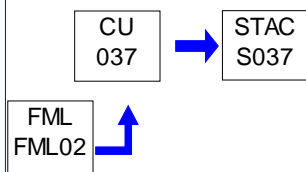
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 037

Source Name: 8.4 MMBTU TEMPORARY BOILER

Source Capacity/Throughput: 8,235.000 CF/HR Natural Gas

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

25 Pa. Code §123.11

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from this combustion unit in excess of 0.4 lbs/MMBtu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

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

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from any combustion unit, in the Southeast Air Basin, in excess of 1.2 lbs/MMBtu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

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

The permittee shall keep records of the amount of fuel consumed on a monthly basis.

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

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

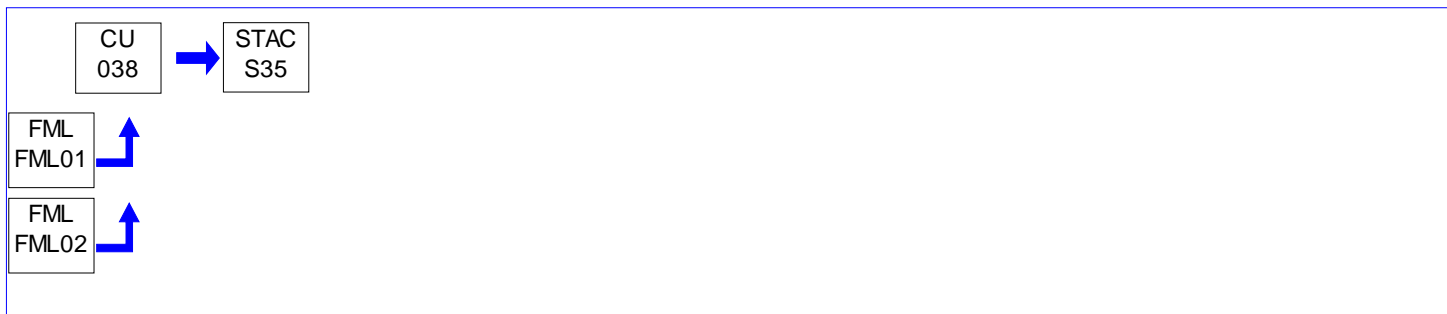
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 038

Source Name: 14.25 MMBTU CLEAVER BROOKS BOILER # 3

Source Capacity/Throughput: 13,797.000 CF/HR Natural Gas
100.000 Gal/HR #2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.42c(d).]

No owner or operator of an affected source that combusts fuel oil shall cause to be discharged into the atmosphere from that affected source any gases that contain SO₂ in excess of 0.50 lb/MMBtu heat input.

[Compliance with the above condition also demonstrates compliance with the applicable requirements of 25 Pa. Code § 123.22(e)(1).]

002 [25 Pa. Code §123.11]**Combustion units**

A person may not permit the emission into the outdoor atmosphere of particulate matter from a 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).**# 003 [25 Pa. Code §122.3]****Adoption of standards.**

Additional 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 interruptions, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

(b) Fuel switching from natural gas to liquid fuel outside of the exceptions described above 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.

004 [25 Pa. Code §123.22]**Combustion units**

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

(b) Beginning September 1, 2020, the maximum sulfur content in commercial fuel oil shall not exceed 15 ppm (0.0015%) by weight for No. 2 fuel oil and lighter oil, except as specified in subparagraphs (ii) and (iii) of 25 Pa. Code § 123.22(e)(2). [Compliance with this streamlined permit condition assures compliance with 40 C.F.R. § 60.42c(d)]

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

This boiler shall fire only natural gas or No. 2 commercial fuel oil to which there has been no reclaimed or waste oil or other waste materials added.

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

Within one year of the issuance of this State Only Operating Permit, the permittee shall perform a portable analyzer test of the 14.25 MMBtu Cleaver Brooks Boiler #3 in accordance with applicable provisions of 25 Pa. Code Chapter 139 (relating to sampling and testing) and the Department's latest Source Testing Manual.

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).

(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.

III. MONITORING REQUIREMENTS.**# 008 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.42c(d)(2), 60.44c(h), and 60.46c(e).]

For affected sources where the owner or operator seeks to demonstrate compliance with the SO₂ standards based on fuel supplier certification, the performance test and monitoring shall consist of the certification, the certification from the fuel supplier, as described under 40 C.F.R. § 60.48c(f), as applicable

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.48c(g).]

The permittee shall monitor, on a monthly basis, fuel consumption for this boiler.

[Compliance with the condition above also demonstrates compliance with the applicable requirements of 40 C.F.R. § 60.48c(g).]

IV. RECORDKEEPING REQUIREMENTS.**# 010 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.48c.]

(a). The permittee shall maintain monthly fuel consumption records in accordance with 40 C.F.R. § 60.48c(g).

**SECTION D. Source Level Requirements**

(b). The permittee shall keep records for the fuel firing rates of the combustion unit on a monthly basis in order to determine sulfur dioxide (SO₂) emissions in accordance with 40 C.F.R. § 60.48c(d).

011 [25 Pa. Code §122.3]**Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.48c(e)(11) and 60.48c(f)(1).]

(a). If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph (b) below [40 C.F.R. §60.48c(f)(1)], as applicable. In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

(b). Fuel supplier certification for distillate oil shall include the following information:

- (1). The name of the oil supplier;
- (2). A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 C.F.R. § 60.41c; and
- (3). The sulfur content of the oil.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.48c.]

The permittee shall record sufficient data so that compliance with the conditions for this source can be determined. The records shall include but not be limited to the following information:

- (a). The permittee shall maintain a copy of the manufacturer's specifications for the operation and maintenance of this boiler and any associated air pollution control devices.
- (b). The permittee shall calculate and record the total emissions of NO_x, CO, and SO_x from this boiler on a monthly and a 12-month rolling sum basis.
- (c). The permittee shall keep the records of the fuel supplier certifications for No. 2 oil to demonstrate compliance with the fuel-bound sulfur limits of this permit.
- (d). The permittee shall maintain records of all inspections, tune-ups, repairs, parts replacements and other maintenance performed in accordance with manufacturer's specifications.

[Compliance with the conditions above also demonstrates compliance with the applicable requirements of 40 C.F.R. § 60.48c.]

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

The owner or operator of each affected facility shall keep records of the notification submitted to the Administrator of the date of construction or reconstruction and actual startup, as provided by 40 C.F.R. § 60.7 of this part. The recorded information shall include:

- (a). The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (b). The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels

**SECTION D. Source Level Requirements**

fired and based on each individual fuel fired.

V. REPORTING REQUIREMENTS.**# 014 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.48c(d) and 60.48c(e).]

(a). Reports shall be submitted by the permittee in accordance with 40 C.F.R. §§ 60.48c(d) and 60.48c(e). The initial semiannual report shall be postmarked by the 30th day of the third month following the completion of the initial performance test. Each subsequent report shall be postmarked by the 30th day following the end of the reporting period.

(b). Pursuant to 40 C.F.R. § 60.4, the permittee shall submit copies of all requests, reports, applications, submittals, and other communications to both EPA and the appropriate Regional Office of the Department. The EPA copies shall be forwarded to:

Director Air, Toxics and Radiation Division
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

015 [25 Pa. Code §122.3]**Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.48c(d), 60.48c(e)(1), 60.48c(e)(3), 60.48c(e)(5), and 60.48c(e)(6).]

(a). The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under 40 C.F.R. § 60.42c shall submit reports to the Administrator.

(b). The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under 40 C.F.R. § 60.42c shall keep records and submit reports as required under paragraph (a) above [40 C.F.R. § 60.48c(d)] and this permit, including the following information, as applicable:

(1). Calendar dates covered in the reporting period.

(2). Each 30-day average percent of potential SO₂ emission rate calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of the corrective actions taken.

(3). Identification of any times when emissions data have been excluded from the calculation of average emission rates; justification for excluding data; and a description of corrective actions taken if data have been excluded for periods other than those during which coal or oil were not combusted in the steam generating unit.

(4). Identification of the F factor used in calculations, method of determination, and type of fuel combusted.

VI. WORK PRACTICE REQUIREMENTS.**# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain this source and its associated device(s) in accordance with manufacturer's specifications and good air pollution control practices.

**SECTION D. Source Level 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: 112

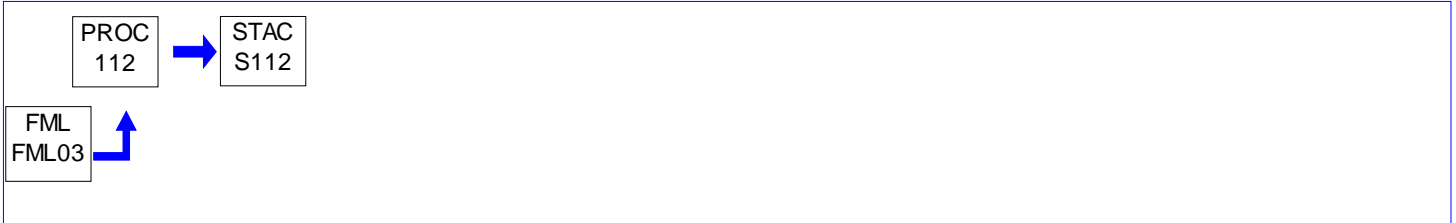
Source Name: NORTH EMERGENCY GENERATOR (300 KW)

Source Capacity/Throughput: 3.260 MMBTU/HR

23.300 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: GENERATORS

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 113

Source Name: WEST EMERGENCY GENERATOR (300 KW)

Source Capacity/Throughput:

3.260 MMBTU/HR

23.300 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: GENERATORS

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: GENERATORS

Group Description: Emergency Generators 112 and 113

Sources included in this group

ID	Name
112	NORTH EMERGENCY GENERATOR (300 KW)
113	WEST EMERGENCY GENERATOR (300 KW)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [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.

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

The permittee shall limit the combined emissions of nitrogen oxides (NO_x) from Source ID Nos. 112 and 113 to less than 100 pounds per hour, 1,000 pounds per day, 2.75 tons per ozone season (May 1 to September 30 each year), and 6.6 tons per year on a 12-month rolling sum basis.

Fuel Restriction(s).**# 003 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.4207(b).]

Beginning October 1, 2010, engines that use diesel fuel must use diesel fuel that meets the requirements of 40 C.F.R. § 80.510(b):

- (1). Sulfur Content of the Diesel Fuel less than or equal to 15 ppmw (0.0015% by weight); and
- (2). Cetane Index greater than or equal to 40; or Aromatic Content less than or equal to 35%.

[Compliance with the requirements of the paragraph above also demonstrates compliance with the applicable requirements of 25 Pa. Code § 123.21.]

Operation Hours Restriction(s).**# 004 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.4211(e).]

The permittee shall limit the operation of this emergency generator for maintenance checks and readiness testing to 100 hours per year on a 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.6640(f)(2)–(3) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall ensure that each exempt engine of these emergency generator sets is operated in compliance with the following operating hours restrictions:

- (a) A total operating time of less than 500 hrs/yr, calculated monthly as a 12-month rolling sum.
- (b) Less than or equal to a total of 50 hours per calendar year for non-emergency situations, except that the following

**SECTION E. Source Group Restrictions.**

operations are prohibited:

- (1) Peak shaving.
- (2) Non-emergency demand response.
- (3) Supplying power to an electric grid to generate income.
- (4) Supplying power as part of a financial arrangement with another entity.
- (c) Less than or equal to a total of 100 hours per calendar year for the following purposes:
 - (1) Any maintenance.
 - (2) Emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2.
 - (3) When there is a deviation in voltage or frequency of 5% or greater below the standard level(s).
 - (4) The non-emergency situations indicated in (b), above.

II. TESTING REQUIREMENTS.**# 006 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

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

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

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

(3). Results 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.

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

The permittee shall monitor the following information for this source:

(a). The date and time for each start up.

(b). The date and time for each shut down.

(c). The reason for operating this emergency generator per each event (including, but not limited to, maintenance testing, readiness testing, and operation during power outage).

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

(a). The permittee shall record the following information for this source:

(1). The date and time for each start up.

(2). The date and time for each shut down.

(3). The reason for operating this emergency generator per each event (including, but not limited to, maintenance testing, readiness testing, and operation during power outage).

**SECTION E. Source Group Restrictions.**

(b). The permittee shall calculate and record the operating hours for maintenance testing and readiness testing events for this source on a monthly and 12-month rolling basis.

(c). The permittee shall calculate the total operating hours for all types of operation for this source on a monthly and a 12-month rolling basis.

(d). The permittee shall calculate and record the combined NO_x emissions from Sources 112 and 113 on a monthly and 12-month rolling basis.

(e) The permittee shall calculate and record the combined NO_x emissions from Sources 112 and 113 for the Ozone Season (March through October).

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

The permittee shall keep records of fuel certifications for sulfur content from the supplier or results from testing the fuel for sulfur content for each delivery of diesel fuel to this source.

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

The permittee shall keep records of the manufacturer's specifications and emissions test results for the family of engines with the same model year.

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.**# 011 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.4206 and 60.4211(a).]

(a). The permittee shall operate and maintain this source in accordance with manufacturer's written instructions or in accordance with the permittee's developed procedure which is approved by the manufacturer.

(b). The operation and maintenance in paragraph (a) above shall be performed over the entire life of this source.

012 [25 Pa. Code §122.3]**Adoption of standards.**

[Additional authority for this permit requirement is also derived from 40 C.F.R. § 60.4211(a).]

The permittee shall meet the requirements for 40 C.F.R. Parts 89, 94, and/or 1068, as they apply to this source.

013 [25 Pa. Code §122.3]**Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.4209(a).]

This emergency generator shall operate with a non-resettable hour meter installed prior to the initial startup of the emergency generator.

014 [25 Pa. Code §122.3]**Adoption of standards.**

**SECTION E. Source Group Restrictions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.4211(e).]

This emergency generator may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by the Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine.

015 [25 Pa. Code §122.3]**Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.4205 and 60.4211(c); 40 C.F.R. §§ 89.112 and 89.113.]

(a) The permittee shall comply with the following emission standards at maximum engine power:

- (1). Nitrogen Oxides (NO_x) and Non-methane Hydrocarbons (NMHC) shall be less than 4.0 g/KW-hr (3.0 g/hp-hr).
- (2). Carbon Monoxide (CO) shall be less than 3.5 g/KW-hr (2.6 g/hp-hr).
- (3). Particulate Matter (PM) shall be less than 0.2 g/KW-hr (0.15 g/hp-hr).

[Compliance with the particulate matter limit in paragraph (3) above also demonstrates compliance with the applicable requirements of 25 Pa. Code § 123.13(c)(1)(i).]

(b) The method of compliance with the applicable standards for combined NO_x and NMHC, CO, and PM emissions from 40 C.F.R. § 60.4205(b) is the purchase of an engine certified to the manufacturer emission standards from 40 C.F.R. §§ 89.112 and 89.113, as applicable, for the same model year and maximum engine power.

VII. ADDITIONAL REQUIREMENTS.**# 016 [25 Pa. Code §123.13]****Processes**

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



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this permit.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
037	8.4 MMBTU TEMPORARY BOILER		
Emission Limit			
1.200	Lbs/MMBTU		SOX
0.400	Lbs/MMBTU		TSP
038	14.25 MMBTU CLEAVER BROOKS BOILER # 3		
Emission Limit			
300.000	PPMV	300 ppmdv CO at 3 percent O2	CO
30.000	PPMV	at 3 % oxygen when firing natural gas; dry standard conditions	NOX
132.000	PPMV	ppmdv NOx at 3 percent O2 when firing No. 2 fuel oil	NOX
0.500	Lbs/MMBTU		SOX
0.400	Lbs/MMBTU		TSP
112	NORTH EMERGENCY GENERATOR (300 KW)		
Emission Limit			
2.750	Tons/OZNESEAS	Source ID Nos. 112 and 113 Combined	NOX
6.600	Tons/Yr	Source ID Nos. 112 and 113 Combined on a 12-month rolling sum basis	NOX
100.000	Lbs/Hr	Source ID Nos. 112 and 113 Combined	NOX
1,000.000	Lbs/Day	Source ID Nos. 112 and 113 Combined	NOX
500.000	PPMV	dry standard conditions	SOX
113	WEST EMERGENCY GENERATOR (300 KW)		
Emission Limit			
2.750	Tons/OZNESEAS	Source ID Nos. 112 and 113 Combined	NOX
6.600	Tons/Yr	Source ID Nos. 112 and 113 Combined on a 12-month rolling sum basis	NOX
100.000	Lbs/Hr	Source ID Nos. 112 and 113 Combined	NOX
1,000.000	Lbs/Day	Source ID Nos. 112 and 113 Combined	NOX
500.000	PPMV	dry standard conditions	SOX

Site Emission Restriction Summary

Emission Limit		Pollutant
25.000	Tons/Yr	any consecutive 12-month rolling period
		NOX

**SECTION H. Miscellaneous.**

#001. The throughputs and/or capacities listed in Sections A and D of this permit are used for descriptive purposes. These throughputs and/or capacities are not considered limitations or enforceable conditions by the Department.

#002. APS No. 590673; Authorization No. 642498: The State Only Operating Permit was revised for a change of ownership and the incorporation of the conditions from plan approval 46-0167 for two replacement boilers at this facility. All changes to this permit were made in accordance with the requirements of 25 Pa. Code Section 127.450(a). Source ID No. 106 was removed from the facility prior to this administrative amendment, so the source has been removed from this State Only Operating Permit.

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

- (a). One 20,000-gallon underground storage tank for No. 2 Fuel Oil.
- (b). One 2,000-gallon underground storage tank for diesel fuel.
- (c). One 2,000-gallon underground storage tank for gasoline.
- (d). One 275-gallon aboveground storage tank for used motor oil.
- (e). Two 800-gallon aboveground storage tanks for the North and West Emergency Generators (Source ID Nos. 112 and 113).
- (f). Five Water Heaters that operate on steam from the boilers.

#004. APS No. 590673; Authorization No. 781214: This action is for the renewal of a State Only Operating Permit. This permit was revised to remove two emergency generators (Source ID Nos. 105 and 107), and replace them with two Katolight Emergency Generators (Source ID Nos. 112 and 113). A list of insignificant activities was also added to the permit. During the inspection, the Department found a Stage II gasoline pump that has a throughput of approximately 12,000 gallons per year. This source was added to the permit.

#005. APS No. 590673; Authorization No. 1019933: This action is for the renewal of a State Only Operating Permit. An elective fuel restriction was added to the permit to limit the burning of fuel oil in the boilers. An operating hour restriction was added to the permit to limit the hours of operation for non-emergency situations for the emergency generators. A fuel restriction was added to limit the maximum allowable sulfur content of No.2 fuel to 0.05 percent by weight (500 ppm) effective July 1, 2016. The three dryers (sources 108, 109 and 110) and the space heaters (source 111) have been determined to be insignificant sources and do not require additional limitations, monitoring, or recordkeeping.

APs 858327, Auth #1051789

Renewal was received 3/4/14 under Auth #1019933. Change of ownership received 11/13/14. Renewal was transferred from Auth # 1019933 to Auth # 1051789.

APs 1021169, AUTH #1322868

Renewal was received 4/08/2019 under Auth # 1270513 which was replaced by AUTH # 1322868 and APS # 1021169. GP1-46-0273 for two 14.25 MMBtu boiler (AIMs ID 038) incorporated into SOOP 46-00167 at time of renewal for the one of the two boilers permitted under GP1-46-0273 that was installed at time of renewal. Remaining boiler from GP1-46-0273 will be installed at a later date but within 18 months and GP1-46-0273 will remain active until it is installed (plan approval). Two significant sources - Boiler #1 (AIMs ID 035) and Boiler #2 (AIMs ID 036) have been removed from permit. One temporary boiler (AIMs ID 037) add to permit. Five commercial dryers have been added to permit (AIMs IDs 201,202,203,204,205) as insignificant sources. Stage II gasoline dispenser (AIMs ID 115) being moved to Section H due to throughput less than 10,000 gallon per year. Yearly throughput should be record as proof of exemption. Following administrative changes incorporated:

Federal Tax ID # 81-3510140

Responsible Official : Kelli Campbell

Permit Contact : Jennifer Johnson

Current source that require no additional limitations, monitoring or recordkeeping:

- (a). One 20,000-gallon underground storage tank for No. 2 Fuel Oil.
- (b). One 2,000-gallon underground storage tank for diesel fuel.
- (c). One 2,000-gallon underground storage tank for gasoline.
- (d). One 275-gallon aboveground storage tank for used motor oil.
- (e). Two 800-gallon aboveground storage tanks for the North and West Emergency Generators (Source ID Nos. 112 and 113).
- (f). Five Water Heaters that operate on steam from the boilers

Current insignificant source that require fuel usage recordkeeping for calculation of site wide NOx emissions:

- (a) 5 commercial dryers
- (b) 17 unit and space heaters



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