



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

**STATE ONLY NATURAL MINOR OPERATING PERMIT**

Issue Date: February 23, 2023

Effective Date: February 23, 2023

Expiration Date: February 22, 2028

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: 17-00062**

Natural Minor

Federal Tax Id - Plant Code: 25-1490707-1

**Owner Information**

Name: DUBOIS REG MED CTR  
Mailing Address: 100 HOSPITAL AVE  
DUBOIS, PA 15801-1440

**Plant Information**

Plant: DUBOIS REG MED CTR/PENN HIGHLANDS DUBOIS  
Location: 17 Clearfield County 17001 DuBois City  
SIC Code: 8062 Services - General Medical And Surgical Hospitals

**Responsible Official**

Name: WILLIAM BURNETT  
Title: DIRECTOR ENG & FAC  
Phone: (814) 375 - 3327 Email: Wburnett@phhealthcare.org

**Permit Contact Person**

Name: JASON HICKMAN  
Title: DIRECTOR FACILITIES  
Phone: (814) 375 - 3327 Email: JAHickman@phhealthcare.org

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

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



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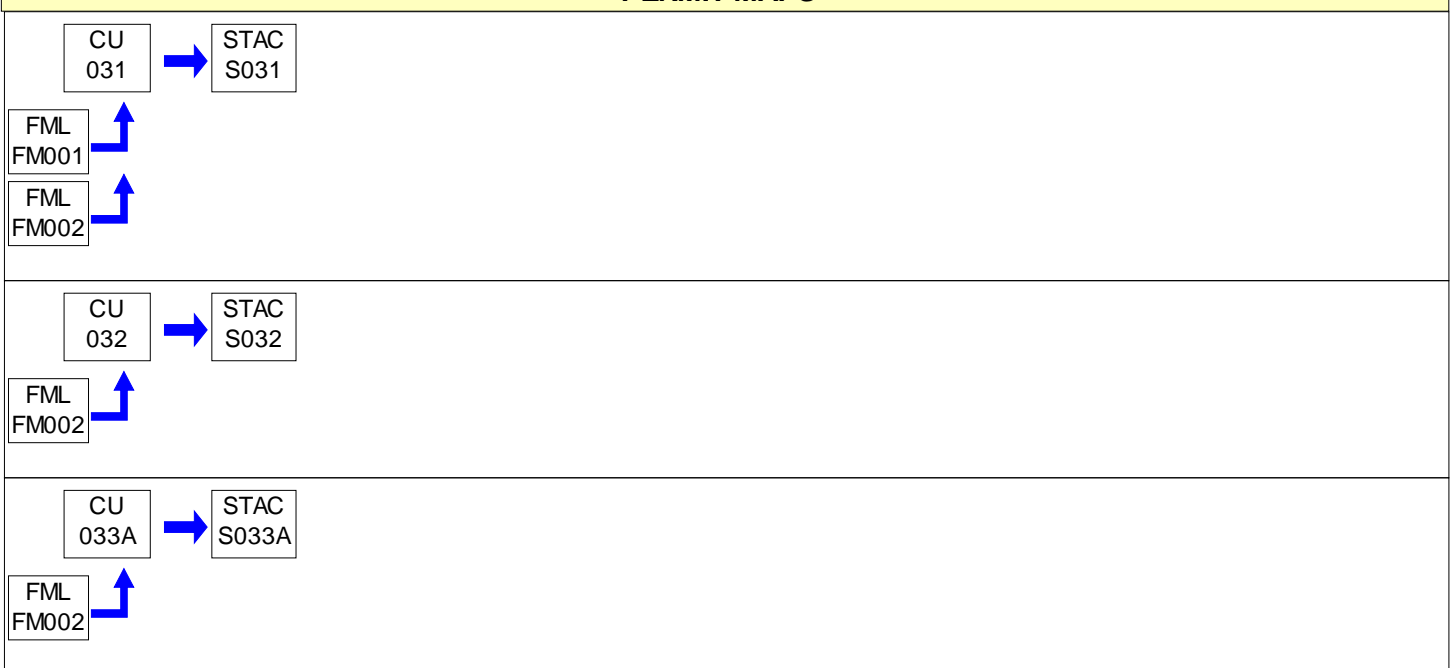
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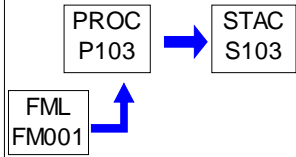
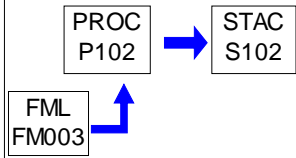
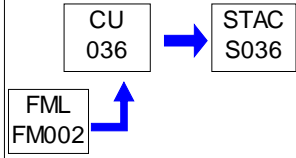
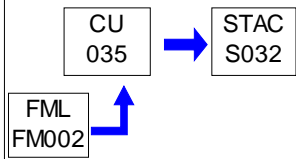
### **Section G. Emission Restriction Summary**

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Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	THREE (3) CLEAVER BROOKS BOILERS AT WEST HOSPITAL	291.600	Gal/HR	ULSD (EMERGENCY)
		40.020	MCF/HR	(PRIMARY)
032	MULTIPLE COMBUSTION UNITS LESS THAN 1.6 MMBTU/HR (EACH)	9.706	MCF/HR	Natural Gas
033A	TWO (2) SUPERIOR BOILERS AT EAST HOSPITAL	6.800	MMBTU/HR	
		6.667	MCF/HR	Natural Gas
035	PEERLESS & GASMATER BOILERS AT CRC	4.400	MMBTU/HR	
		4.314	MCF/HR	Natural Gas
036	MULTIPLE COMBUSTION SOURCES (EAST AND WEST HOSPITALS)			
P102	DIESEL EMERGENCY GENERATORS (VARIOUS LOCATIONS)	150.200	Gal/HR	Diesel Fuel
P103	THREE (3) DIESEL EMERGENCY GENERATORS (WEST HOSPITAL)	213.300	Gal/HR	Diesel Fuel
FM001	15,000-GALLON #2 FUEL OIL STORAGE TANK			
FM002	NATURAL GAS LINE			
FM003	DIESEL STORAGE TANKS			
S031	STACKS TO SOURCE ID 031 BOILERS			
S032	STACKS FOR COMBUSTION UNITS			
S033A	STACKS TO SUPERIOR BOILERS			
S036	STACK FOR SOURCE 036			
S102	STACKS FOR EMERGENCY GENERATORS			
S103	STACKS FOR EMERGENCY GENERATORS			

**PERMIT MAPS**

**PERMIT MAPS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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



**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



## SECTION C. Site Level Requirements

### I. RESTRICTIONS.

#### Emission Restriction(s).

##### # 001 [25 Pa. Code §127.441]

###### Operating permit terms and conditions.

[Authority for this permit condition is also derived from 25 Pa. Code Sections 123.1 and 123.2]

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

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

(b) No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in paragraphs (a)(1) through (6), above if the emissions are visible at the point the emissions pass outside the person's property.

##### # 002 [25 Pa. Code §127.441]

###### Operating permit terms and conditions.

[Authority for this permit condition is also derived from 25 Pa. Code Sections 123.41 and 123.42]

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

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
  - (2) Equal to or greater than 60% at any time.
- (b) The emission limitations specified in (a)(1) and (2), above shall not apply when:
- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
  - (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
  - (3) The emission results from sources specified in 25 Pa. Code Sections 123.1 (a)(1)—(9) (relating to prohibition of certain fugitive emissions).

#### Fuel Restriction(s).

##### # 003 [25 Pa. Code §127.441]

###### Operating permit terms and conditions.

Pursuant to 25 Pa. Code section 123.22 the sulfur content of all #2 fuel oil shipments to facility for the associated combustion units including Source ID 031 shall be less than or equal to 15 ppm or 0.0015% (by weight).

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code Sections 139.1 and 139.16]

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

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

[Authority for this permit condition is also derived from 25 Pa. Code Section 139.11]

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

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

[Authority for this permit condition is also derived from 25 Pa. Code Section 123.43]

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.

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

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager and one electronic copy shall be sent to the PSIMS Administrator in Central Office. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program,

**SECTION C. Site Level Requirements**

notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

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

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

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

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

(h) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

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

If, at any time, the Department has cause to believe that air contaminant emissions from any of the sources authorized herein are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C, Article III, the Department may require the permittee to conduct tests deemed necessary by the Department to determine the actual emission rate(s). The permittee shall perform such tests in accordance with applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) and in accordance with any restrictions or limitations established by the Department within one hundred and eighty (180) days of the date the Department notifies the permittee, in writing, of the testing requirement.

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

[Authority for this permit condition is also derived from 25 Pa. Code Section 135.5]

The permittee shall maintain records including computerized records that may be necessary to comply with 25 Pa. Code



**SECTION C. Site Level Requirements**

Sections 135.3 (relating to reporting). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

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

[Authority for this permit condition is also derived from 25 Pa. Code Section 127.442]

- (a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.
- (c) The report shall describe the following:
1. name, permit or authorization number, and location of the facility,
  2. nature and cause of the malfunction, emergency or incident,
  3. date and time when the malfunction, emergency or incident was first observed,
  4. expected duration of excess emissions,
  5. estimated rate of emissions,
  6. corrective actions or preventative measures taken.
- (d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.
- (e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.
- (f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.
- (g) Any emissions resulting from malfunction or emergency are required to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

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

The permittee shall submit all reports in accordance with the Department's suggested format.

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

- (a) The permittee shall submit to the Air Program Manager of DEP North Central Regional Office all requests, reports, applications, submittals, and other communications concerning applicable federal NSPS and NESHAP.

**SECTION C. Site Level Requirements**

(b) In accordance with 40 CFR §§ 60.4 and 63.10, copies of all requests, reports, applications, submittals, and other communications shall also be submitted to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) accessible at <https://cdx.epa.gov> unless electronic reporting is not available, in which case a copy shall be sent to the following address:

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

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

[Authority for this permit condition is also derived from 25 Pa. Code Section 123.1]

The permittee shall take all reasonable actions on any source of fugitive emissions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

(3) Paving and maintenance of roadways.

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

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

[Authority for this permit condition is also derived from 25 Pa. Code Section 121.7]

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

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

[Authority for this permit condition is also derived from 25 Pa. Code Section 123.31]

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

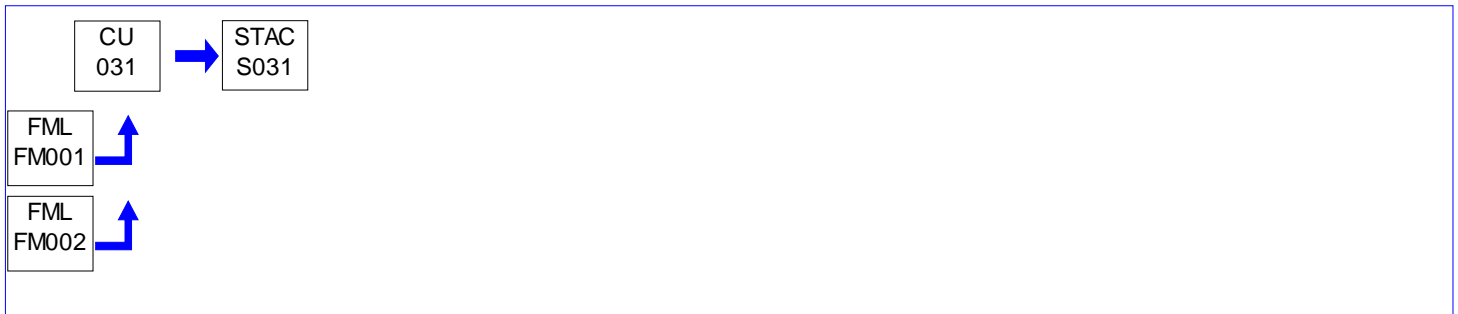
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: THREE (3) CLEAVER BROOKS BOILERS AT WEST HOSPITAL

Source Capacity/Throughput: 291.600 Gal/HR ULSD (EMERGENCY)  
40.020 MCF/HR (PRIMARY)

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

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

No person may permit the emission of particulate matter into the outdoor atmosphere from any combustion unit incorporated in Source 031 in excess of 0.40 pounds per million Btu of heat input.

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

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

No person may permit the emission of sulfur oxides into the outdoor atmosphere from any combustion unit incorporated in Source 031 such that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas is in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

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

Each boiler incorporated in Source 031 shall be equipped with a low nitrogen oxides burner with flue gas recirculation capable of achieving a nitrogen oxides emission rate (corrected to 3% oxygen) of 30 parts per million when firing natural gas and 139 parts per million when firing #2 fuel oil and a carbon monoxide emission rate (corrected to 3% oxygen) of 50 parts per million when firing natural gas (at all loads above 25%) and 90 parts per million when firing #2 fuel oil.

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

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

The total combined emissions from all three of the boilers incorporated in Source 031 shall not at any time exceed any of the following limitations:

- (a) 8.78 tons of nitrogen oxides (expressed as nitrogen dioxide) in any 12 consecutive month period,
- (b) 7.34 tons of carbon monoxide in any 12 consecutive month period, and
- (c) 3.18 tons of volatile organic compounds in any 12 consecutive month period.

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

[Compliance with this permit condition assures compliance with 40 CFR section 60.42c. Moreover, the maximum allowable sulfur content in this condition supersedes the maximum allowable sulfur content of 0.3% by weight as previously established pursuant to 25 Pa. Code sections 127.1 and 127.12]

[Authority for this permit condition is also derived from 25 Pa. Code section 123.22]

The sulfur content of all #2 fuel oil shipments for Source ID 031 shall be less than or equal to 15 ppmw or 0.0015% by weight.

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

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

The boilers incorporated in Source 031 shall only be fired on natural gas or virgin #2 fuel oil to which there has been no reclaimed or waste oil or other waste materials added.

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

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

The permittee shall not burn more than a combined total of 213,840 gallons of virgin #2 fuel oil in any 12 consecutive month period in all three boilers incorporated in Source 031.

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

Upon request, the permittee shall provide the Department with fuel analyses and/or samples of the fuel used in the boilers incorporated in Source 031.

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

[Authority for this permit condition is also derived from 40 CFR Section 60.48c(g)]

The permittee shall maintain and make available, upon request by the Department, records of the total amount of natural gas combusted in the boilers associated with Source ID 031 on a calendar month basis as well as the supporting monitoring information as required in accordance with the recordkeeping requirements within section B herein.

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

[Authority for this permit condition is also derived from 40 CFR Section 60.48c]

(a) The permittee shall and make available, upon request by the Department, records of the total amount (gallons) of #2 fuel oil fired in each of the boilers incorporated in Source ID 031 on a calendar month basis as required in accordance with the recordkeeping requirements within section B herein..

**SECTION D. Source Level Requirements**

(b) In addition, for every shipment of #2 fuel oil received by the permittee to be burned as fuel within the boilers incorporated in Source 031, the permittee shall maintain and make available, upon request by the Department, records of the fuel certification report from the fuel oil supplier, as follows.

(1) Each of the required fuel certification reports shall at a minimum include the following information:

(i) The date of delivery,

(ii) The name of the oil supplier,

(iii) A statement from the oil supplier that the oil complies with the specification under the definition of distillate oil in 40 CFR Section 60.41c, and

(iv) The sulfur content, by weight, of the #2 fuel oil.

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall maintain and make available, upon request by the Department, records of the the total amount (gallons) of #2 fuel oil fired in each of the boilers incorporated in Source 031 and the total number of hours that each boiler had been fired on #2 fuel oil on a calendar year basis as well as the supporting information as required in accordance with the recordkeeping requirements within section B herein.

**V. REPORTING REQUIREMENTS.**

**# 012 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Pursuant to 40 CFR section 60.48c, following any semi-annual reporting period including January 1 through June 30 and July 1 through December 31 of each calendar year in which #2 fuel oil is fired within any of the Source ID 031 boilers, the permittee shall submit records of the fuel supplier certifications, as required above under recordkeeping, within 30 days after the end of any aforementioned semi-annual reporting periods to the Department and EPA in accordance with reporting procedure requirements herein. In addition to these records of fuel supplier certifications, each required report shall include a certified statement signed by Responsible Official that the records of fuel supplier certifications submitted represent all of the #2 fuel oil fired within the Source ID 031 boiler(s) during semi-annual period.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 013 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

No more than two of the three boilers incorporated in Souce 031 shall be fired at the same time.

**VII. ADDITIONAL REQUIREMENTS.**

**# 014 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

Source 031 consists of three natural gas/#2 fuel oil-fired Cleaver Brooks model CBLE 200-500 boilers, each rated at 20.92 million Btu per hour heat input, all located in the West Hospital.

**# 015 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Each of the boilers incorporated in Source 031 are subject to Subpart Dc of the federal Standards of Performance for New Stationary Sources (Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR Sections 60.40c through 60.48c) and shall comply with all applicable requirements specified therein.

**SECTION D. Source Level Requirements****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) If any of the boilers become an affected source subject to National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources (Area Source Boiler NESHAP), the permittee shall submit the required notification in accordance with the provisions within under 40 CFR Part 63 subpart JJJJJ (6J) and send a copy to the Department in accordance with the reporting requirements herein and another copy of the notification to Environmental Protection Agency at the following address:

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

(b) Upon a change to Source ID 031 that would trigger Area Source Boiler NESHAP, the permittee and affected source(s) shall immediately comply with all applicable requirements in accordance with the provisions within under 40 CFR Part 63 subpart JJJJJ.

**SECTION D. Source Level Requirements**

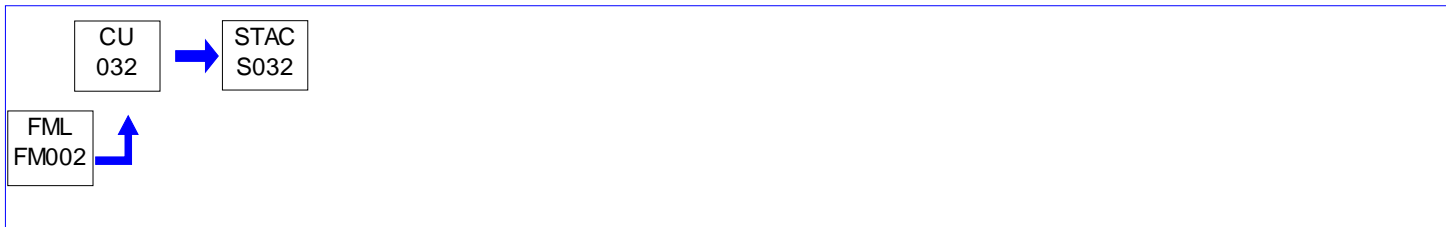
Source ID: 032

Source Name: MULTIPLE COMBUSTION UNITS LESS THAN 1.6 MMBTU/HR (EACH)

Source Capacity/Throughput:

9.706 MCF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

No person may permit the emission of sulfur oxides into the outdoor atmosphere from any combustion unit incorporated in Source 032 such that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas is in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each of the combustion unit sources incorporated under as Source ID 032 shall be fired only on natural gas.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 032 authorized herein consists of the following natural gas-fired combustion sources that are each rated at less than 1.6 MMBtu/hr heat input:

- (1) One 0.154 million Btu per hour heat input natural gas-fired A.O. Smith model BTR154110 water heater 1 located in the Medical Arts building.
- (2) One 0.154 million Btu per hour heat input natural gas-fired A.O. Smith model BTR154970 water heater 2 located in the Medical Arts building.
- (3) Two 1.300 million Btu per hour heat input each natural gas-fired Peerless model 211A08N boilers located in the Medical Arts building.
- (4) One 0.825 million Btu per hour heat input natural gas-fired Raypak model M30824ABECRDAA boiler 1 located in the Medical Arts building.
- (5) One 0.825 million Btu per hour heat input natural gas-fired Raypak model H30824ABECRDAA boiler 2 located in the Medical Arts building.
- (6) Two 0.375 million Btu per hour heat input each natural gas-fired Slant Fin Galaxy model GG-375E boilers located in the Medical Arts building.
- (7) One 0.200 million Btu per hour heat input natural gas-fired State model SBF100199NET water heater located in the Medical Arts building.
- (8) Two 0.35 million Btu per hour heat input each natural gas-fired Alpine boilers located in the Home Health building.
- (9) One 0.150 million Btu per hour heat input natural gas-fired Pennco model XE5/FS5 boiler 1 located in the Home Health building.
- (10) One 0.13 million Btu per hour heat input natural gas-fired Bosch located in the Home Health building.
- (11) One 0.040 million Btu per hour heat input natural gas-fired Reliance model 530NSRT6 water heater located in the Home Health building.
- (12) reserved (previous unit re-designated moved to Source ID 035 herein)
- (13) One 0.50 million Btu per hour heat input natural gas-fired Lochinvar model KBN501 boiler located in the MIS Building.
- (14) One 0.110 million Btu per hour heat input natural gas-fired Allied Air model A934H1D110C20A-01 HIM furnace.
- (15) One 0.100 million Btu per hour heat input natural gas-fired Magic Chef model G8A100DC42-15 furnace 2 located in the West Hospital.
- (16) One 0.100 million Btu per hour heat input natural gas-fired Magic Chef model G8A100DC42-16 furnace 3 located in the West Hospital.
- (17) Two 0.750 million Btu per hour heat input each natural gas-fired Modine model PAE75AE furnaces located in the West Hospital.
- (18) One 0.100 million Btu per hour heat input natural gas-fired Beacon Morris model BMEF-100 furnace 1 located in the East Hospital.
- (19) One 0.399 million Btu per hour heat input natural gas-fired Lochinvar model KBN400 insurance boiler.



**SECTION D. Source Level Requirements**

(20) One 0.30 million Btu per hour heat input natural gas-fired Johnson Controls model J182JS24Q2M2210003B insurance RTU #1.

(21) One 0.40 million Btu per hour heat input natural gas-fired Johnson Controls model J182JS32Q2M2210001B insurance RTU #2.

**SECTION D. Source Level Requirements**

Source ID: 033A

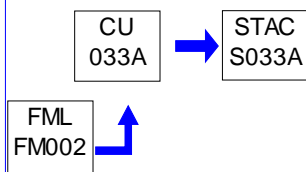
Source Name: TWO (2) SUPERIOR BOILERS AT EAST HOSPITAL

Source Capacity/Throughput:

6.800 MMBTU/HR

6.667 MCF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

No person may permit the emission of particulate matter into the outdoor atmosphere from each of the boilers associated with Source ID 033A in excess of 0.40 pounds per million Btu of heat input.

# 002 [25 Pa. Code §123.22]

**Combustion units**

No person may permit the emission of sulfur oxides into the outdoor atmosphere from each of the boilers associated with Source ID 033A such that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas is in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each boiler associated with Source ID 033A shall be fired only on natural gas.

**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.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Authority is also derived from 25 Pa. Code section 135.5, relating to recordkeeping]

The permittee shall maintain accurate and comprehensive records of the monthly throughput totals of natural gas fired within the boilers associated with Source ID 033A along with the supporting information such as supplier invoices/bills, fuel meter data, etc. as necessary for identification and quantification of potential and actual air contaminant emissions from Source ID 033A authorized herein.

All records required above including any supporting information shall be maintained in accordance with the recordkeeping requirements within section B herein.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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: PEERLESS &amp; GASMASTER BOILERS AT CRC

Source Capacity/Throughput:

4.400 MMBTU/HR

4.314 MCF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

No person may permit the emission of particulate matter into the outdoor atmosphere from each of the boilers associated with Source ID 035 in excess of 0.40 pounds per million Btu of heat input.

# 002 [25 Pa. Code §123.22]

**Combustion units**

No person may permit the emission of sulfur oxides into the outdoor atmosphere from each of the boilers associated with Source ID 035 such that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas is in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each boiler associated with Source ID 035 shall be fired only on natural gas.

**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.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Authority is also derived from 25 Pa. Code section 135.5, relating to recordkeeping]

The permittee shall maintain accurate and comprehensive records of the monthly throughput totals of natural gas fired within the boilers associated with Source ID 035 along with the supporting information such as supplier invoices/bills, fuel meter data, etc. as necessary for identification and quantification of potential and actual air contaminant emissions from Source ID 035 authorized herein.

All records required above including any supporting information shall be maintained in accordance with the recordkeeping requirements within section B herein.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

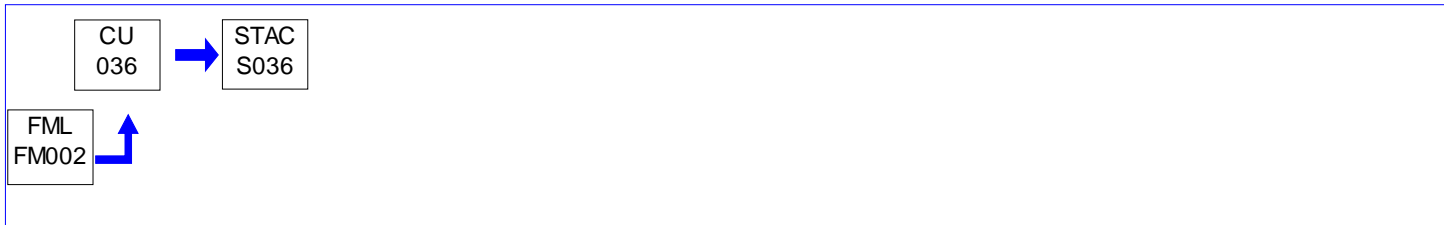
Source ID 035 authorized herein consists of a 3.40 million Btu per hour heat input natural gas-fired Peerless model 17021W boiler as well as a 1.00 million Btu per hour heat input natural gas-fired Gasmaster model GMI1ML boiler 3 that are both located within the Central Resource Center (CRC) associated with West Hospital.

**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: MULTIPLE COMBUSTION SOURCES (EAST AND WEST HOSPITALS)

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission of particulate matter into the outdoor atmosphere from any combustion source incorporated in Source 036 in excess of 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission of sulfur oxides into the outdoor atmosphere from any combustion source incorporated in Source 036 such that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas is in excess of 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The combustion sources incorporated in Source 036 shall only be fired on natural gas.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

Source 036 consists of the following natural gas-fired combustion sources:

- (1) One 0.092 million Btu per hour heat input natural gas-fired Vulcan model SG7872AB oven located in the West Hospital.
- (2) One 0.060 million Btu per hour heat input natural gas-fired Vulcan model SGH101T oven (top) located in the West Hospital.
- (3) One 0.060 million Btu per hour heat input natural gas-fired Vulcan model SGH101B oven (bottom) located in the West Hospital.
- (4) One 0.144 million Btu per hour heat input natural gas-fired Groen model NHFP4 braising pan located in the West Hospital.
- (5) One 0.090 million Btu per hour heat input natural gas-fired Groen model HY6G steamer located in the West Hospital.
- (6) Two 0.120 million Btu per hour heat input each natural gas-fired Dean model SCFSM250GN/MC fryers located in the West Hospital.
- (7) One 0.080 million Btu per hour heat input natural gas-fired Wolf model MTG48SAEFM grill located in the West Hospital.
- (8) One 0.090 million Btu per hour heat input natural gas-fired Dean model SM35GM fryer located in the East Hospital.
- (9) One 0.080 million Btu per hour heat input natural gas-fired Garland model F01 oven (top) located in the East Hospital.
- (10) One 0.080 million Btu per hour heat input natural gas-fired Garland model F02 oven (bottom) located in the East Hospital.
- (11) One 0.067 million Btu per hour heat input natural gas-fired Garland model J07 oven located in the East Hospital.

**SECTION D. Source Level Requirements**

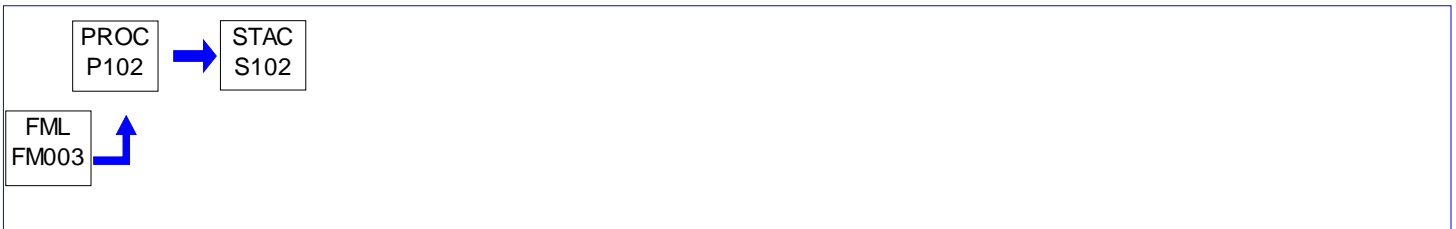
Source ID: P102

Source Name: DIESEL EMERGENCY GENERATORS (VARIOUS LOCATIONS)

Source Capacity/Throughput:

150.200 Gal/HR

Diesel Fuel

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission of particulate matter into the outdoor atmosphere from any emergency generator engine associated with Source P102 in excess of 0.04 grains per dry standard cubic foot of effluent gas volume.

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission of sulfur oxides into the outdoor atmosphere from any emergency generator engine associated with Source P102 such that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas is in excess of 500 parts per million, by volume, dry basis.

**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

[Authority for this permit condition is derived specifically from 40 CFR Section 60.4205(b)]

(a) Emissions from the exhaust of each the Source ID P102 engines with power rating of approximately 800 kW shall not exceed:

6.4 g/kW-hr for Nitrogen oxides (NO<sub>x</sub>) + non-methane hydrocarbons (NMHC);

3.5 g/kW-hr for Carbon monoxide (CO); and

0.20 g/kW-hr for Particulate matter (PM)

(b) Emissions from the exhaust of each the Source ID P102 engines with power rating less than 560 kW but equal to greater than 130 kW shall not exceed:

4.0 g/kW-hr for Nitrogen oxides (NO<sub>x</sub>) + non-methane hydrocarbons (NMHC);

3.5 g/kW-hr for Carbon monoxide (CO); and

0.20 g/kW-hr for Particulate matter (PM)

(c) Emissions from the exhaust of each the Source ID P102 engines with power rating less than 130 kW shall not exceed:

4.0 g/kW-hr for Nitrogen oxides (NO<sub>x</sub>) + non-methane hydrocarbons (NMHC);

5.0 g/kW-hr for Carbon monoxide (CO); and

0.30 g/kW-hr for Particulate matter (PM)

**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

[Additional authority is derived from 40 CFR section 1039.105]

The smoke standards as required by this section apply to all engines incorporated within Source ID P102, except for the following engines:

(1) N/A.



**SECTION D. Source Level Requirements**

(2) Constant-speed engines.

(3) N/A.

(b) Smoke from each of the Source ID P201 engines, which are not constant-speed engines, if any, may not exceed the following standards, as measured according to the test method and procedure requirements as specified in 40 CFR § 1039.501(c) and/or otherwise determined by Department approved test methods and procedures:

(1) 20 percent during the acceleration mode.

(2) 15 percent during the lugging mode.

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

**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**

[Authority is derived specifically from 40 CFR Section 60.4207(b)]

Each of the emergency generator engines associated with Source ID P102 shall only be operated on diesel fuel that meets the below requirements or standards and to which there has been no reclaimed oils, waste oil or other waste materials added to the fuel.

Diesel Fuel Standards

Maximum sulfur content of 15 ppm; and

Minimum cetane index of 40 or Maximum aromatic content of 35 volume percent.

**Operation Hours Restriction(s).**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Each of the emergency generator engines authorized under Source ID P102 shall not operate more than 200 hours total on a 12-month rolling basis, including combined sum total hours for non-emergency and emergency situations, unless written approval is otherwise obtained from the Department.

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**

**Subpart IIII - 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) The permittee shall demonstrate continuous compliance with each work practice requirement as specified herein that are derived from this section.

(b) The permittee shall also report each instance in which you did not meet the requirements in Table 8 to this subpart that apply to engine owners/operators and each engine associated with Source ID P102.

(c) The permittee shall operate each of the emergency stationary RICE associated with Source ID P102 according to the requirements in the below paragraphs (c)(1) through (3). In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in the below paragraphs (c)(1) through (3), is prohibited. If you do not operate the engine according to the requirements in the below paragraphs (c)(1) through (3), the engine shall not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

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

(2) The permittee may operate each of the emergency stationary RICE associated with Source ID P103 for the purpose

**SECTION D. Source Level Requirements**

specified in the below paragraph (c)(2)(i) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by the below paragraphs (c)(3) shall count as part of the 100 hours per calendar year allowed by this paragraph (c)(2).

(i) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year, unless otherwise required or restricted herein.

(3) Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in the above paragraph (c)(2). Except as provided in the below paragraph (c)(3)(i), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

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

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The permittee shall identify and record the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

**II. TESTING REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Upon request, the permittee shall provide the Department with fuel supplier reports, analyses and/or samples of the fuel used to operate each of the emergency generator engines authorized within Source P102 herein.

**III. MONITORING REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Compliance with this streamlined permit condition will ensure compliance with the applicable requirements as derived pursuant to 40 CFR sections 60.4209, 60.4211 and 60.4214]

The permittee shall monitor hours of operation of each emergency generators incorporated in Source ID P102. Additionally, the permittee shall maintain and make available, upon request by the Department, monthly records of their total hours of operation using the non-resettable engine runtime meter including the hour meter readings as well as the time and reason for the engine to be in operation and any other supporting information as required in accordance with the recordkeeping requirements within section B herein.

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

(a) The permittee shall maintain and make available, upon request by the Department, monthly records pertaining to each of the emergency engines associated with Source ID P102 including annual total hours of operation on a 12-month rolling basis as well as their NOx emissions calculations on a 12-month rolling sum total basis (TPY).

(b) In addition to the above, the permittee shall maintain and make available, upon request by the Department, monthly records of the combined total NOx emissions calculations for all emergency engines associated with Source IDs P102 and P103 on a 12-month rolling sum total basis and totals per ozone season period to verify less than equal to 6.6 TPY and 2.75 tons/ozone season period (May 1 through September 30).

(c) The above records including the supporting monitoring information as required herein shall be maintained for at least a period of five (5) years in accordance with the recordkeeping requirements within section B herein.

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

Pursuant to 25 Pa. Code section 135.5, the permittee shall keep a copy of the maintenance plans for each emergency engine associated with Source ID P102 as well as maintain and make available, upon request by the Department, records of maintenance activities conducted on each engine (and any controls) including any other supporting information in accordance with the recordkeeping requirements of section B herein.

**V. REPORTING REQUIREMENTS.****# 012 [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) If you own or operate an emergency stationary CI ICE with a maximum engine power more than 100 HP that operates for the purpose specified in § 60.4211(f)(3)(i), you must submit an annual report according to the requirements in paragraphs (d)(1) through (3) of this section.

(1) The report must contain the following information:

(i) Company name and address where the engine is located.

(ii) Date of the report and beginning and ending dates of the reporting period.

(iii) Engine site rating and model year.

(iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.

(v)-(vi) [Reserved]

(vii) Hours spent for operation for the purposes specified in § 60.4211(f)(3)(i), including the date, start time, and end time for engine operation for the purposes specified in § 60.4211(f)(3)(i). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

(2) The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

(3) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in § 60.4.

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

**# 013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]  
Subpart IIII - 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 each of the Source ID P102 engines according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer, over the entire life of the engine.

**# 014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]  
Subpart IIII - 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?**

Unless otherwise approved by the Department pursuant to paragraph (g) of this section, the permittee shall:

Operate and maintain each of the stationary CI internal combustion engine associated with Source ID P102 (and any controls) according to the manufacturer's emission-related written instructions;

Change only those emission-related settings that are permitted by the manufacturer; and

Meet the requirements of 40 CFR part 1068, as they apply to engine owners/operators and each engine associated with Source ID P102.

**VII. ADDITIONAL REQUIREMENTS.**

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

Sources ID P102 authorized herein consists of the following diesel emergency generators/engines:

Two (2) 800-kW Cummins model 800DQCC located at the East Hospital.

One (1) 200-kW Cummins model DSHAC-5789400 located at the I.S. Building (West Hospital)

One (1) 230-kW Cummins model QSL9-G2 located at the DCMB (West Hospital)

One (1) 100-kW Kohler model 100RE0ZJF located at the Surgery Center.

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

Sources ID P102 are subject to the National Emission Standards of Hazardous Air Pollutants for Stationary Internal Combustion Engines (40 CFR Part 63 subpart ZZZZ). The permittee shall comply with all applicable requirements pertaining to each engine associated with Source ID P102, as specified in 40 CFR sections 63.6580 through 63.6675, including but may not be limited to the provisions of 40 CFR section 63.6590(c).

**# 017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]  
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
Am I subject to this subpart?**

Sources ID P102 are subject to the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60 subpart IIII). The permittee shall comply with all applicable requirements pertaining to each engine associated with Source ID P102, as specified in 40 CFR sections 60.4200 through 60.4219.

**SECTION D. Source Level Requirements**

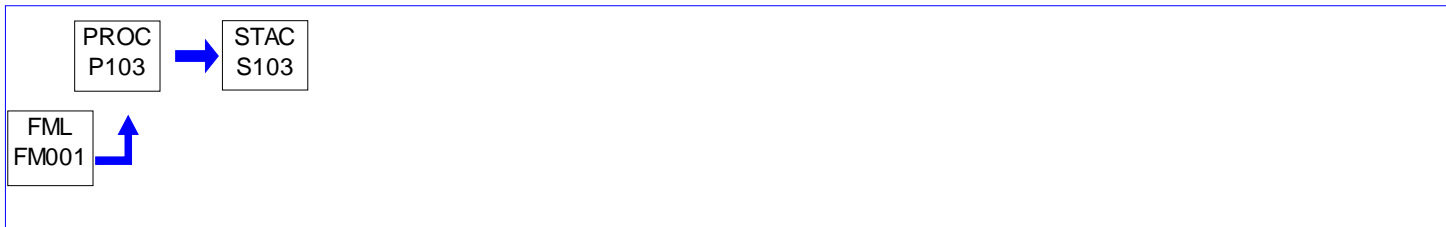
Source ID: P103

Source Name: THREE (3) DIESEL EMERGENCY GENERATORS (WEST HOSPITAL)

Source Capacity/Throughput:

213.300 Gal/HR

Diesel Fuel

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission of particulate matter into the outdoor atmosphere from any emergency generator incorporated in Source P103 in excess of 0.04 grains per dry standard cubic foot of effluent gas volume.

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission of sulfur oxides into the outdoor atmosphere from any emergency generator incorporated in Source P103 such that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas is in excess of 500 parts per million, by volume, dry basis.

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

Each of the emergency generator engines associated with Source ID P103 shall only be operated on diesel fuel that meets the below requirements or standards and to which there has been no reclaimed oils, waste oil or other waste materials added to the fuel.

Diesel Fuel Standards

Maximum sulfur content of 15 ppm

**Operation Hours Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Each of the emergency generator engines authorized under Source ID P103 shall not operate more than 200 hours total on a 12-month rolling basis, including combined sum total hours for non-emergency and emergency situations, unless written approval is otherwise obtained from the Department.

**# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

(a) The permittee shall demonstrate continuous compliance with each work practice requirement as specified herein that are derived from Tables 2d and 6 to this subpart.

(b) The permittee shall also report each instance in which you did not meet the requirements in Table 8 to this subpart that apply to engine owners/operators and the engines associated with Source ID P103.

(c) The permittee shall operate each of the emergency stationary RICE associated with Source ID P103 according to the requirements in the below paragraphs (c)(1) through (3). In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand

**SECTION D. Source Level Requirements**

response, and operation in non-emergency situations for 50 hours per year, as described in the below paragraphs (c)(1) through (3), is prohibited. If you do not operate the engine according to the requirements in the below paragraphs (c)(1) through (3), the engine shall not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

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

(2) The permittee may operate each of the emergency stationary RICE associated with Source ID P103 for any combination of the purposes specified in the below paragraphs (c)(2)(i) through (iii) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by the below paragraphs (c)(3) shall count as part of the 100 hours per calendar year allowed by this paragraph (c)(2).

(i) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year, unless otherwise required or restricted herein.

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

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

(3) Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in the above paragraph (c)(2). Except as provided in the below paragraph (c)(3)(i), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

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

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The permittee shall identify and record the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

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

Upon request, the permittee shall provide the Department with fuel supplier reports, analyses and/or samples of the fuel used to operate each of the emergency generator engines authorized within Source P103 herein.

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

The permittee shall monitor hours of operation of each emergency generators incorporated in Source ID P103. Additionally, the permittee shall maintain and make available, upon request by the Department, monthly records of their total hours of operation using the non-resettable engine runtime meter including the hour meter readings as well as the time and reason for the engine to be in operation and any other supporting information as required in accordance with the recordkeeping requirements within section B herein.

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

(a) The permittee shall maintain and make available, upon request by the Department, monthly records pertaining to each of the emergency engines associated with Source ID P103 including annual total hours of operation on a 12-month rolling basis as well as their NOx emissions calculations on a 12-month rolling sum total basis (TPY).

(b) In addition to the above, the permittee shall maintain and make available, upon request by the Department, monthly records of the combined total NOx emissions calculations for all emergency engines associated with Source IDs P102 and P103 on a 12-month rolling sum total basis and totals per ozone season period to verify less than equal to 6.6 TPY and 2.75 tons/ozone season period (May 1 through September 30).

(c) The above records including the supporting monitoring information as required herein shall be maintained for at least a period of five (5) years in accordance with the recordkeeping requirements within section B herein.

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

Pursuant to 25 Pa. Code section 135.5, the permittee shall keep a copy of the maintenance plans for each emergency engine associated with Source ID P103 as well as maintain and make available, upon request by the Department, records of maintenance activities conducted on each engine (and any controls) including any other supporting information in accordance with the recordkeeping requirements of section B herein.

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

[Authority for this permit condition is also derived from 40 CFR section 63.6640]

The following maintenance activities shall be performed on each of the engines associated with Source ID P103:

- a. Change oil and filter every 500 hours of operation or annually, whichever comes first, unless an oil analysis program as described in 40 CFR section 63.6625(i) is in effect;
- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

**V. REPORTING REQUIREMENTS.****# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What reports must I submit and when?**

**SECTION D. Source Level Requirements**

(h) If you own or operate an emergency stationary RICE with a site rating of more than 100 brake HP that operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in § 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in § 63.6640(f)(4)(ii), you must submit an annual report according to the requirements in paragraphs (h)(1) through (3) of this section.

(1) The report must contain the following information:

(i) Company name and address where the engine is located.

(ii) Date of the report and beginning and ending dates of the reporting period.

(iii) Engine site rating and model year.

(iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.

(v) Hours operated for the purposes specified in § 63.6640(f)(2)(ii) and (iii), including the date, start time, and end time for engine operation for the purposes specified in § 63.6640(f)(2)(ii) and (iii).

(vi) Number of hours the engine is contractually obligated to be available for the purposes specified in § 63.6640(f)(2)(ii) and (iii).

(vii) Hours spent for operation for the purpose specified in § 63.6640(f)(4)(ii), including the date, start time, and end time for engine operation for the purposes specified in § 63.6640(f)(4)(ii). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

(viii) If there were no deviations from the fuel requirements in § 63.6604 that apply to the engine (if any), a statement that there were no deviations from the fuel requirements during the reporting period.

(ix) If there were deviations from the fuel requirements in § 63.6604 that apply to the engine (if any), information on the number, duration, and cause of deviations, and the corrective action taken.

(2) The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

(3) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in § 63.13.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

The permittee shall:

Operate and maintain each of the stationary RICE associated with Source ID P103 according to the manufacturer's emission-related operation and maintenance instructions; or

Develop and follow a maintenance plan which shall provide to the extent practicable for the maintenance and operation of each engine in a manner consistent with good air pollution control practice for minimizing emissions.



**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Sources ID P103 authorized herein consists of the following diesel emergency generators/engines:

- (1) One 1490 brake horsepower (1000 kilowatt) Cummins Onan model DFHD-4485742 located in the West Hospital,
- (2) One 1490 brake horsepower (1000 kilowatt) Cummins Onan model DFHD-4485742 located in the West Hospital, and
- (3) One 1490 brake horsepower (1000 kilowatt) Cummins Onan model DFHD-4485742 located in the West Hospital.



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



## SECTION H. Miscellaneous.

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

Diesel Fuel storage tanks associated with Source ID P102.

One 15,000-gallon #2 Fuel Oil storage tank for Source IDs 031 & P103.



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

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