



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

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: March 25, 2026

Effective Date: March 25, 2026

Expiration Date: March 24, 2031

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: 17-00040

Synthetic Minor

Federal Tax Id - Plant Code: 25-6008333-1

Owner Information

Name: MOSHANNON VALLEY SCH DIST
Mailing Address: 4934 GREEN ACRE RD
HOUTZDALE, PA 16651-9424

Plant Information

Plant: MOSHANNON VALLEY SCH DIST/JR SR HIGH & ELEM SCH
Location: 17 Clearfield County 17906 Bigler Township
SIC Code: 8211 Services - Elementary And Secondary Schools

Responsible Official

Name: BRANDY O'HARE
Title: SUPERINTENDENT OF SCHOOLS
Phone: (814) 378 - 7616 Ext.3005 Email: bohare@movalley.org

Permit Contact Person

Name: JEFF SHERKEL
Title: FACILITIES DIR
Phone: (814) 378 - 7616 Ext.1017 Email: jsherkel@movalley.org

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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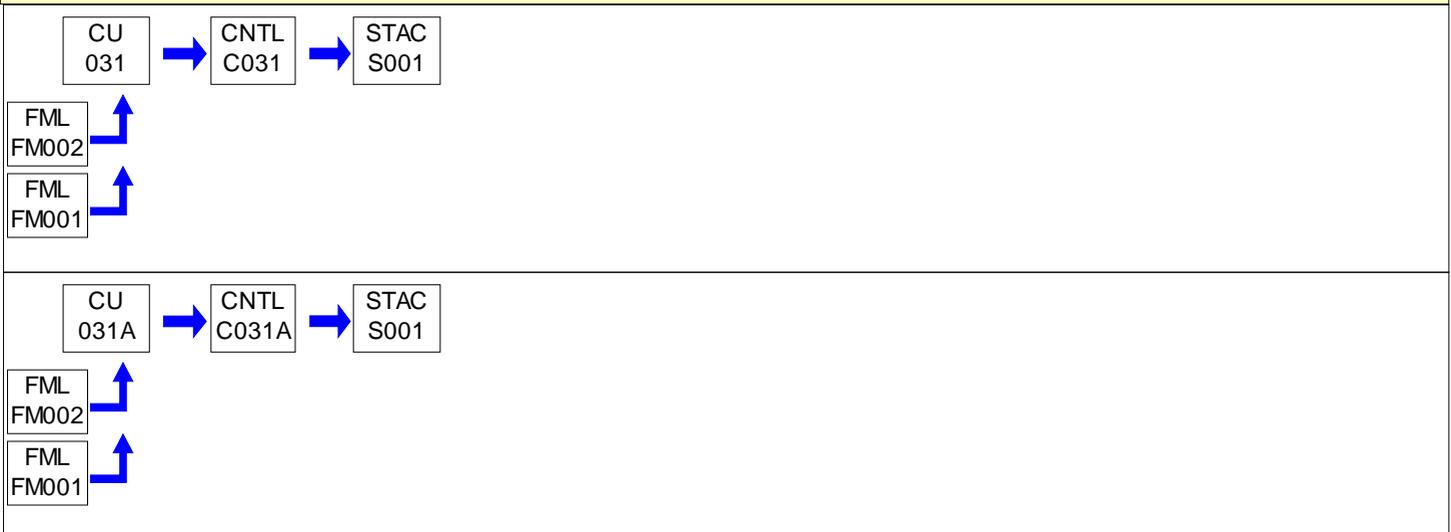
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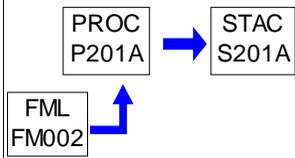
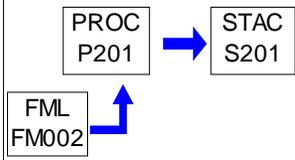
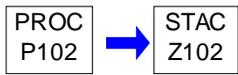
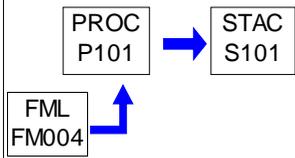
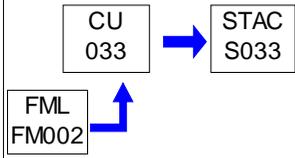
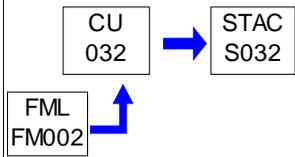
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	CNB BOILER 1	6.400 MMBTU/HR	
		493.000 Lbs/HR	Bituminous
		46.000 Gal/HR	#2 Oil
031A	CNB BOILER 2	6.400 MMBTU/HR	
		46.000 Gal/HR	#2 Oil
		493.000 Lbs/HR	Bituminous
032	ONE SMITH BOILER	18.000 Gal/HR	#2 Oil
033	SMALL COMBUSTION UNITS	18.700 Gal/HR	#2 Oil
P101	PROPANE EMERGENCY GENERATOR-ENGINE	11.000 Gal/HR	Propane
P102	TWO STORAGE TANKS		
P201	CUMMINS GENERATOR-ENGINE AT JR/SR HIGH SCHOOL	24.000 Gal/HR	Diesel Fuel
P201A	CUMMINS GENERATOR-ENGINE AT ELEMENTARY SCHOOL	24.000 Gal/HR	Diesel Fuel
C031	CENTRIFUGAL CYCLONE COLLECTOR		
C031A	CENTRIFUGAL CYCLONE COLLECTOR		
FM001	BITUMINOUS COAL STORAGE		
FM002	NO. 2 FUEL OIL/DIESEL FUEL		
FM004	PROPANE STORAGE TANKS		
S001	COAL BOILERS COMMON STACK		
S032	BOILER STACK		
S033	COMBUSTION UNITS STACKS		
S101	EMERGENCY GENERATORS STACKS		
S201	CUMMINS ENGINE STACK		
S201A	CUMMINS ENGINE STACK		
Z102	FUEL OIL STORAGE TANK EMISSIONS		

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 F.**

(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.

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

**SECTION B. General State Only Requirements**

- (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:

- (1) Enforcement action

**SECTION B. General State Only Requirements**

(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:

(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

**SECTION B. General State Only Requirements**

precluded by the Clean Air Act or its regulations.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

**SECTION B. General State Only Requirements**

- (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)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

**SECTION B. General State Only Requirements****#015 [25 Pa. Code § 127.11a]****Reactivation of Sources**

- (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 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.

**SECTION B. General State Only Requirements****#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.

#023 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

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

**SECTION B. General State Only Requirements****#024 [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.

#025 [25 Pa. Code §135.4]**Report Format**

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(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) Open burning operations.

(7) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

- (a) The emissions are of minor significance with respect to causing air pollution,
- (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001(a)(1)-(7) above if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]**Limitations**

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

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

004 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of 25 Pa. Code Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations,
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions,
- (3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

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

[Authority is also derived from 25 Pa. Code section 127.444 as well as the Synthetic Minor Restrictions submitted and approved by the Department]

The total combined emissions of sulfur oxides (SO_x) and particulate matter less than 10 microns (PM-10) into the outdoor

**SECTION C. Site Level Requirements**

atmosphere from all sources authorized herein shall not be equal to or exceed 42.8 tons SO_x and 45.8 tons PM-10 in any 12 consecutive month period.

Fuel Restriction(s).**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Authority is also derived from 25 Pa. Code section 123.22]

No. 2 fuel oil combustion units authorized herein shall be fired only with No. 2 fuel oil shipments to which there has been no reclaimed or waste oil or other waste materials added. No. 2 fuel oil shipments received on site shall not exceed the applicable maximum sulfur content of 15 ppm (or 0.0015% by weight).

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

[Authority is also derived from 25 Pa. Code section 123.22 as well as the Best Available Technology (BAT) requirements of 25 Pa. Code sections 127.1 and 127.12]

(a) The combustion units associated with Source IDs 031 and 031A authorized herein shall be fired only on:

(1) Bituminous coal satisfying the applicable fuel sulfur and other requirements under Source ID 031 and Source ID 031A herein;

(2) Commercial No. 2 fuel oil containing no reclaimed or waste oil and shall beginning on September 1, 2020 have a maximum sulfur content of 15 ppm (or 0.0015% by weight) or less pursuant to 25 Pa. Code section 123.22;

(3) Any combination of the above within the applicable annual limitations herein.

Throughput Restriction(s).**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Synthetic Minor Restrictions]

(a) The permittee shall not permit the total combined amount of bituminous coal consumption to operate Source IDs 031 and 031A to exceed 900 tons in any 12 consecutive month period.

(b) The permittee shall not permit the total combined amount of No. 2 fuel oil consumption to operate Source IDs 031, 031A, 032 and 033 to exceed 75,000 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.**# 009 [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 an 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 (ra-epncstacktesting@pa.gov) and one electronic copy shall be sent to the PSIMS Administrator in Central Office (ra-epstacktesting@pa.gov). 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, 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

**SECTION C. Site Level Requirements**

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, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided in the paragraph (a), above.

(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.

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

(a) The permittee shall conduct representative fuel sampling and testing of all the No. 2 fuel oil, diesel fuel, propane and coal shipments received on site to verify compliance with the applicable maximum allowable fuel sulfur contents and other limitations herein.

(b) In lieu of the above, the permittee shall keep records of the fuel product analysis reports obtained from fuel suppliers which shall include sufficient information to verify compliance in terms of the applicable limits or conditions on each of the fuel shipments submitted by the permittee and authorized herein. Fuel supplier analysis reporting used to verify compliance shall also provide for certification that reads something like the following:

Fuel supplier's responsible individual shall sign and certify that the reports and representative fuel analysis information submitted and used to verify compliance are true and complete, and they have made a reasonable inquiry and verified that reasonable procedures are in place to ensure accuracy of this reporting. Failure to fulfill both of these requirements is a violation of the Air Pollution Control Act, 18 Pa. C.S.A. Section 4904 and 35 P.S. Section 4009(b)(2)-- Unsworn falsification to authorities—and may subject both the permittee and the Responsible Official to enforcement actions, including penalties.

(c) The representative fuel sampling, testing and reporting shall also comply with the applicable regulatory requirements from 25 Pa. Code Chapter 139, (relating to Sampling and Testing).

011 [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

**SECTION C. Site Level Requirements**

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.

012 [25 Pa. Code §139.1]**Sampling facilities.**

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

013 [25 Pa. Code §139.11]**General requirements.**

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

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

- (1) A thorough source description, including a description of any air cleaning devices and the flue,
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the process,
- (3) The location of sampling ports,
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures,
- (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met,
- (6) Laboratory procedures and results,
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 014 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

(a) The permittee shall conduct during daylight hours and while source operations are occurring within the facility weekly inspections to perform required monitoring using visual and olfactory observations for visible emissions, visible fugitive emissions and malodorous air contaminants that may occur during the inspections.

- (1) Records of the weekly inspections shall be generated and kept in a logbook, which shall include all monitored information as required herein. If the facility is not in operation and no source operations authorized herein had occurred for a period of 7 consecutive days, the logbook shall provide certification that the monitoring was not required for the

**SECTION C. Site Level Requirements**

recorded period to verify compliance.

(b) Any visible emissions, visible fugitive emissions or malodorous air contaminants that have the potential to exceed the applicable requirement or standard shall be reported to a manager of the facility at once.

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

Only emission calculation methods, parameters and other factors submitted and approved by the Department shall be used to monitor, record and report the estimated potential and actual monthly SO_x and PM-10 emissions of each source and the resultant facility wide actual totals used to determine compliance.

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

(a) The permittee shall maintain and make available, upon request by the Department, a logbook including records of the weekly inspections performed by the permittee to verify compliance. The records shall include the following monitored information:

- (1) The name of the personnel who conducted monitoring;
- (2) The date and time of monitoring;
- (3) The identity of the sources and controls operating at the time of monitoring;
- (4) The results of monitoring for each identified source; and
- (5) The name of the manager informed and a description of the corrective actions and/or preventative measures, as applicable based on results of the required monitoring.

(b) The records shall be retained for a minimum of five (5) years.

018 [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 representative fuel sampling and testing data and/or fuel product analysis reports for all bituminous coal deliveries accepted at the facility for Sources 031 and 031A authorized herein in accordance with the applicable recordkeeping requirements in section B herein.

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

(a) The permittee shall maintain and make available, upon request by the Department, records of the monthly SO_x and PM-10 emissions calculations for each of the sources authorized herein and on a combined total calendar month and 12-month rolling basis, including but may not be limited to Source IDs 031, 031A, 032, 033, P101, P102, P201 and P201A to verify compliance with the facility-wide, Synthetic Minor limits herein.

(b) The permittee shall maintain and make available, upon request by the Department, records of the monthly amount of coal fired in each Source ID 031 and 031A authorized herein and on a combined total calendar month and 12-month rolling basis to verify compliance with the applicable limit specified herein.

(c) The permittee shall maintain and make available, upon request by the Department, records of the monthly amount of No. 2 fuel oil fired in each Source ID 031, 031A, 032 and 033 authorized herein and on a combined total calendar month and 12-month rolling basis to verify compliance with the applicable limit specified herein.

(d) Records of the fuel usage, and any other required performance monitoring data used to determine compliance shall be generated and maintained in accordance with the applicable recordkeeping requirements and provisions specified in section B herein.

**SECTION C. Site Level Requirements****# 020 [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 representative fuel sampling and testing data and/or fuel product analysis reports for all No. 2 fuel oil shipments accepted at the facility for Sources 031, 031A, 032 and 033 authorized herein in accordance with the applicable recordkeeping requirements in section B herein.

021 [25 Pa. Code §135.5]**Recordkeeping**

(a) Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with §§ 135.3 and 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

(b) The above records shall include at minimum all the fuel purchases, invoices, delivery receipts, etc. to determine fuel quality parameters and amounts or quantities of all fuels used for all sources authorized herein, as well as any other records as required herein.

V. REPORTING REQUIREMENTS.**# 022 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit reports on a semi-annual basis of the monthly total fuel usages, the monthly total SO_x emissions, and the monthly total PM-10 emissions for each source authorized herein, and the resultant facility wide totals for each calendar month and 12-month rolling period as required to be submitted below.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 of each calendar year for the reporting period from July 1 through December 31 (of the previous year) and by September 1 of each calendar year for the reporting period from January 1 through June 30 (of the concurrent year) as well as follow the applicable reporting requirements specified in section B herein.

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

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

024 [25 Pa. Code §127.442]**Reporting requirements.**

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

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

**SECTION C. Site Level Requirements**

2. nature and cause of the malfunction, emergency or incident,
3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, as required, pursuant to the applicable requirements within Section B, herein.

VI. WORK PRACTICE REQUIREMENTS.**# 025 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

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

VII. ADDITIONAL REQUIREMENTS.**# 026 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

027 [25 Pa. Code §123.31]**Limitations**

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.

028 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating



SECTION C. Site Level Requirements

to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: CNB BOILER 1

Source Capacity/Throughput:

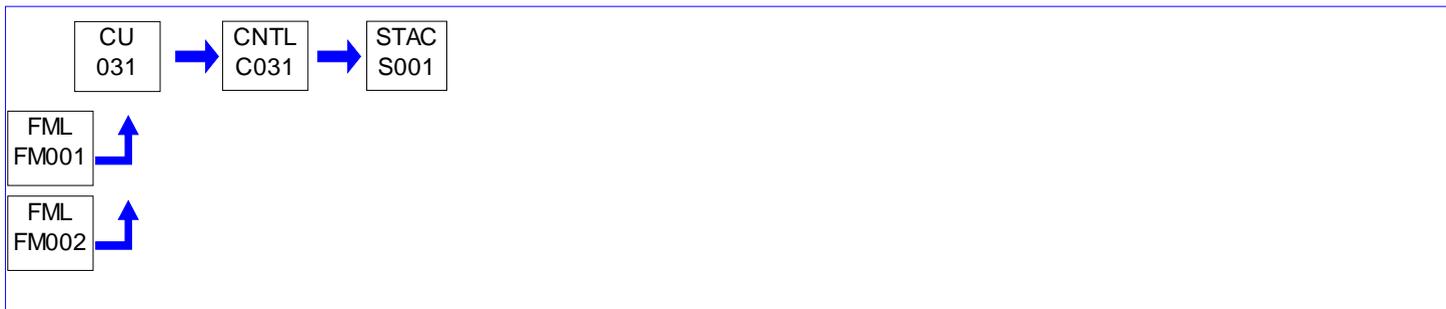
6.400 MMBTU/HR

493.000 Lbs/HR

Bituminous

46.000 Gal/HR

#2 Oil

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

(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following:

(1) The rate of 0.4 pound per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

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

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

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

Any bituminous coal fired in the Source ID 031 boiler authorized herein shall meet the specifications established by CNB Tri-Fuel specified below:

- (a) Size: 2" x 0 with pieces ¼" and smaller not exceeding 15% by volume,
- (b) Caloric value as received: 12,000 BTU per pound minimum,
- (c) Volatile matter: 30% minimum,
- (d) Fixed carbon: 55% maximum,
- (e) Ash: 9% maximum,
- (f) Moisture Content: 7% maximum,
- (g) Sulfur: 2.5% maximum,
- (h) Ash fusion point: 2,500 degree softening temperature minimum,
- (i) Coke button index: 6 maximum,
- (j) Hardgrove index: 65 maximum.

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

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

The permittee shall only use bituminous coal or No. 2 fuel oil for Source 031 which conform to the fuel specifications herein.

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

The permittee shall not permit or allow the total combined amount of bituminous coal fired in Sources 031 and 031A authorized herein to exceed 900 tons in any 12 consecutive month period.

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

The permittee shall, upon Department request, provide fuel analyses, or fuel samples, of the fuel used in the Source ID 031 boiler authorized herein.

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

(a) The permittee shall conduct representative fuel sampling and testing of all coal deliveries for Sources 031 and 031A authorized herein, and report the results to the Department to verify compliance with the applicable fuel quality limits and other specifications herein.

(b) In lieu of the above, the permittee shall obtain a copy of the fuel product analysis report from the fuel supplier(s), to verify compliance with the applicable fuel quality specifications herein. Any report used to monitor for compliance shall provide sufficient information to determine compliance in addition to certification for truth and completeness from the fuel suppliers in accordance with sections B and C herein.

(c) All representative fuel sampling and testing (and reporting) used to determine compliance shall also comply with the applicable regulatory requirements from 25 Pa. Code Chapter 139, (relating to Sampling and Testing).

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

[Authority is also derived from 25 Pa. Code §§123.11, 127.444 and 139.12]

(a) Within two (2) calendar days of firing any coal in CNB Boiler 1 (Source ID 031), the permittee shall perform a Department-approved EPA Reference Method 9 test to verify compliance with stack opacity standards. Testing shall occur while firing coal at maximum normal operating conditions (MROC).

(1) Continuous monitoring instrumentation shall be installed, calibrated, and operational prior to testing. Monitoring data for Source IDs 031 and C031 shall be recorded at intervals not exceeding fifteen (15) minutes during initial testing and at least once per operating day thereafter when coal is fired.

(b) Unless otherwise approved by the Department, particulate matter (PM) testing shall be conducted on the CNB Boiler 1 associated with Source ID 031 no later than six (6) months prior to the Auth ID 1537869 expiration date. Testing shall use Department-approved EPA methods while firing coal at MROC and demonstrate compliance with applicable PM standards.

(c) PM testing, including required monitoring, recordkeeping, and reporting, shall follow applicable PA DEP protocols, including notification and reporting requirements, as specified in Sections B and C.

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

[Authority is also derived from 25 Pa. Code §127.444]

(a) Prior to resuming operation of CNB Boiler 1 (Source ID 031) with coal, the permittee shall install, operate, and maintain instrumentation to continuously monitor differential pressure across the Source ID C031 cyclone collector, if not already installed.

(1) Alternative monitoring may be submitted for Department review and approval.

**SECTION D. Source Level Requirements**

(b) The permittee shall submit final compliance performance monitoring with the required sixty (60)-day advance notice prior to resuming coal firing in Source ID 031.

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

[Authority is also derived from 40 CFR §§63.11223 and 63.11225, and 25 Pa. Code §127.444]

(a) The permittee shall comply with all applicable recordkeeping requirements in 40 CFR §63.11225 pertaining to the Source ID 031 boiler authorized herein. Accordingly, the permittee shall generate and maintain on-site records, reports and other information containing at least the Source ID 031 tune up compliance demonstration information specified below in paragraphs (1) through (5). Copies shall be submitted if requested by the Department.

(1) The identity of boiler undergoing tune-up Source ID 031 which is also designated as Boiler 1 and its CO emissions in parts per million, by volume, and oxygen concentrations in volume percent, measured at high fire or typical operating load, before and after the tune-up of the Source ID 031 boiler; and

(2) The procedures followed for the Source ID 031 Boiler 1 operation tune-ups, and the specifications to which the boiler operation was tuned; and

(3) The date of each tune up performance performed on Source ID 031/Boiler 1; and

(4) Descriptions of any other maintenance, repairs and/or corrective actions performed on Boiler 1 also identified herein as Source ID 031, as result of the required tune-ups; and

(5) The type and amount of fuel used over the 12 months prior to each tune-up of Source ID 031/Boiler 1.

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 representative fuel sampling and testing data and/or fuel product analysis reports for all coal deliveries accepted at the facility for Sources 031 and 031A authorized herein in accordance with the applicable recordkeeping requirements in section B herein, to verify compliance with the fuel quality standards herein.

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

The permittee shall maintain and make available, upon request by the Department, monthly records of the total combined amount of coal fired for Sources 031 and 031A authorized herein on a calendar month and 12-month rolling sum basis in accordance with the applicable recordkeeping requirements in section B herein, to verify compliance with the fuel throughput restrictions herein.

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

[Authority is also derived from 25 Pa. Code §127.444]

(a) The permittee shall maintain and make available, upon Department request, records of performance data for Source IDs 031 and C031 at least once per operating day when CNB Boiler 1 fires coal. Data shall be valid and representative of the source ID 031 performance over the entire boiler operating day when coal is fired.

(b) Compliance performance monitoring data and all other required information for the CNB Boiler 1 associated with Source ID 031 while firing coal shall be maintained for a minimum of five (5) years and in accordance with other, applicable requirements in Section B.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit all the required notifications and reports specified in 40 CFR §63.11225 pertaining to the Source ID 031 boiler authorized herein

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

(a) The permittee shall submit semi-annual reports including records of the required monitoring data including total amounts of the coal fired in both Sources 031 and 031A authorized herein on a combined monthly and 12-month rolling sum total basis as well as any applicable fuel shipment analyses/reporting information obtained during the semi-annual period to verify compliance with the fuel throughput restrictions and quality standards herein.

(b) The semi-annual reports shall be submitted to the Department in accordance with the applicable reporting requirements in section B herein and by no later than March 1 for the semi-annual reporting period from July 1 through December 31 (of the previous year) and by September 1 for the semi-annual reporting period from January 1 through June 30 (of the concurrent year).

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

[Authority is also derived from 25 Pa. Code §§127.444 and 127.447]

The permittee shall submit advance notification to the Department at least sixty (60) days prior to resuming operation of Source ID 031 on coal. The notification shall include:

- (1) Identification of affected sources/boilers resuming coal firing (Source IDs 031 and/or 031A);
- (2) Projected duration of coal use (e.g., days, weeks, months, seasonal); and
- (3) Routine measures implemented to verify that the affected unit(s) have achieved and will maintain permit compliance.

VI. WORK PRACTICE REQUIREMENTS.**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The ash hopper for the ID C031 collector shall be emptied no less frequently than once per day and more often if the rate of ash accumulation requires it when the Source ID 031 boiler authorized herein is in operation.

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

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

The permittee shall not operate Source 031 without simultaneous operation of the ID C031 centrifugal collector authorized herein. The particulate matter emissions from Source ID 031 shall be controlled by ID C031.

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

[Authority is also derived from 40 CFR §63.11223 and 25 Pa. Code §127.444]

The permittee shall conduct a tune-up and inspection of CNB Boiler 1 and the associated cyclone collector (Source IDs 031 and C031) no later than thirty (30) days after resuming coal firing. The tune-up shall be performed in accordance with applicable Area Source Boiler NESHAP requirements and good operating practices, including manufacturer specifications and recommendations, to minimize emissions and ensure compliance with Federal and State air quality requirements.

**SECTION D. Source Level Requirements****# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Authority is also derived from 40 CFR §63.11223 and 25 Pa. Code §127.444]

For the Boiler 1 identified as Source ID 031 authorized under this permit, the permittee shall conduct a biennial tune-up of Source ID 031 in accordance with the requirements below derived from 40 CFR § 63.11223(b)(1) through (7). The permittee shall generate and maintain records of each tune-up conducted on Boiler 1 as required under the recordkeeping requirements below associated with Source ID 031. Except as otherwise specified herein referring to the required tune-up upon the permittee resuming to use coal to operate Boiler 1/Source ID 031, each biennial tune-up shall be conducted no later than twenty-five (25) months after the previous tune-up was performed. The permittee shall perform routine maintenance and inspections on the cyclone collector identified as Source ID C031 in conjunction with each boiler 1 tune-up and at such additional frequencies as necessary to ensure continuous compliance with applicable requirements.

(1) As applicable, inspect the burner and/or equivalent components of Boiler 1 identified herein as Source ID 031, and clean or replace any components of the fuel combustion equipment as necessary to operate Source ID 031 in accordance with the manufacturers specifications and good operating practices.

(2) Inspect the flame pattern, as applicable, and adjust the fuel combustion equipment as necessary to optimize the flame pattern and/or other combustion characteristics of Boiler 1/Source ID 031 herein. The adjustment should be consistent with manufacturers specifications and good operating practices.

(3) Inspect the system controlling the air-to-fuel ratio of Boiler 1/Source ID 031 herein, as applicable, and ensure that it is correctly calibrated and functioning properly.

(4) Optimize total emissions of CO of Boiler 1 identified herein as Source ID 031. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject to, such as the lb/MMBtu NOx specification previously submitted and approved by the Department for Source ID 031.

(5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments to Boiler 1 (Source ID 031) are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer that is calibrated and used in accordance procedures acceptable to the PA DEP.

(6) Reserved.

(7) If Boiler 1 identified herein as Source ID 031 is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source 031 is Boiler #1 which is a CNB Tri-Fuel model T-185-LW-CA/02 boiler rated for 6.4 MMBTU/hr heat input and fired on bituminous coal and/or No. 2 fuel oil. This boiler is located in the Jr./Sr. high school building,

(b) ID C031 is the Breslove Separator Company model H-1-LM regenerative centrifugal cyclone collector for Boiler #1 (Source ID 031).

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Boiler 1 identified as Source ID 031 herein is subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources as codified in 40 CFR Part 63 Subpart JJJJJJ. The permittee shall comply with all applicable provisions pertaining to Source ID 031, as specified in 40 CFR Sections 63.11193 through 63.11237.

**SECTION D. Source Level Requirements**

Source ID: 031A

Source Name: CNB BOILER 2

Source Capacity/Throughput:

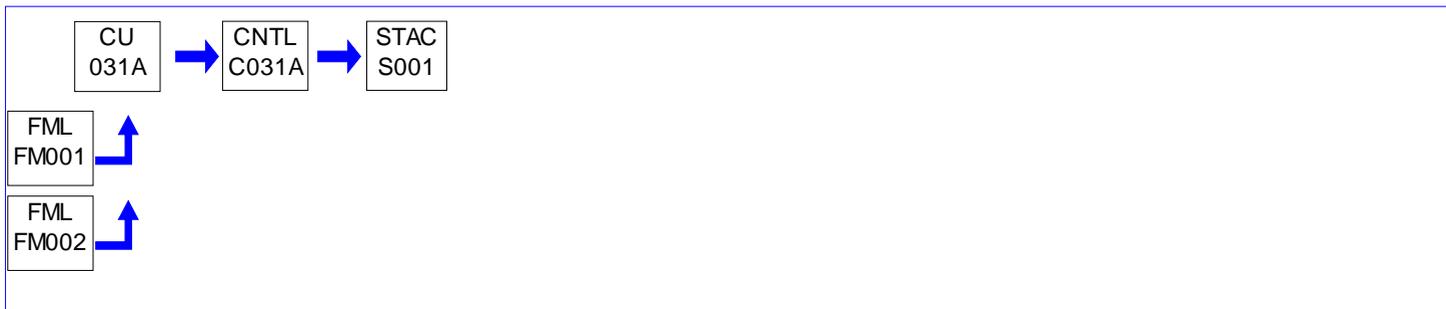
6.400 MMBTU/HR

46.000 Gal/HR

#2 Oil

493.000 Lbs/HR

Bituminous

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

(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following:

(1) The rate of 0.4 pound per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

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

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 031A 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.**

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

Any bituminous coal fired in the Source ID 031A boiler authorized herein shall meet the specifications established by CNB Tri-Fuel specified below:

- (a) Size: 2" x 0 with pieces ¼" and smaller not exceeding 15% by volume,
- (b) Caloric value as received: 12,000 BTU per pound minimum,
- (c) Volatile matter: 30% minimum,
- (d) Fixed carbon: 55% maximum,
- (e) Ash: 9% maximum,
- (f) Moisture Content: 7% maximum,
- (g) Sulfur: 2.5% maximum,
- (h) Ash fusion point: 2,500 degree softening temperature minimum,
- (i) Coke button index: 6 maximum,
- (j) Hardgrove index: 65 maximum.

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

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

The permittee shall only use bituminous coal or No. 2 fuel oil for Source 031A which conform to the fuel specifications herein.

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

The permittee shall not permit or allow the total combined amount of bituminous coal fired in Sources 031 and 031A authorized herein to exceed 900 tons in any 12 consecutive month period.

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

(a) The permittee shall conduct representative fuel sampling and testing of all coal deliveries for Sources 031 and 031A authorized herein, and report the results to the Department to verify compliance with the applicable fuel quality limits and other specifications herein.

(b) In lieu of the above, the permittee shall obtain a copy of the fuel product analysis report from the fuel supplier(s), to verify compliance with the applicable fuel quality specifications herein. Any report used to monitor for compliance shall provide sufficient information to determine compliance in addition to certification for truth and completeness from the fuel suppliers in accordance with sections B and C herein.

(c) All representative fuel sampling and testing (and reporting) used to determine compliance shall also comply with the applicable regulatory requirements from 25 Pa. Code Chapter 139, (relating to Sampling and Testing).

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

The permittee shall, upon Department request, provide fuel analyses, or fuel samples, of the fuel used in the Source ID 031A boiler authorized herein.

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

[Authority is also derived from 25 Pa. Code §§123.11, 127.444 and 139.12]

(a) Within two (2) calendar days of firing any coal in CNB Boiler 2 (Source ID 031A), the permittee shall perform a Department-approved EPA Reference Method 9 test to verify compliance with stack opacity standards. Testing shall occur while firing coal at maximum normal operating conditions (MROC).

(1) Continuous monitoring instrumentation shall be installed, calibrated, and operational prior to testing. Monitoring data for Source IDs 031A and C031A shall be recorded at intervals not exceeding fifteen (15) minutes during initial testing and at least once per operating day thereafter when coal is fired.

(b) Unless otherwise approved by the Department, particulate matter (PM) testing shall be conducted on the CNB Boiler 2 associated with Source ID 031A no later than six (6) months prior to the Auth ID 1537869 expiration date. Testing shall use Department-approved EPA methods while firing coal at MROC and demonstrate compliance with applicable PM standards.

(c) PM testing, including required monitoring, recordkeeping, and reporting, shall follow applicable PA DEP protocols, including notification and reporting requirements, as specified in Sections B and C.

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

(a) Prior to resuming operation of CNB Boiler 2 (Source ID 031A) with coal, the permittee shall install, operate, and maintain instrumentation to continuously monitor differential pressure across the Source ID C031A cyclone collector, if not already installed.

(1) Alternative monitoring may be submitted for Department review and approval.

(b) The permittee shall submit final compliance performance monitoring with the required sixty (60)-day advance notice prior

**SECTION D. Source Level Requirements**

to resuming coal firing in Source ID 031A.

IV. RECORDKEEPING REQUIREMENTS.**# 010 [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 representative fuel sampling and testing data and/or fuel product analysis reports for all coal deliveries accepted at the facility for Sources 031 and 031A authorized herein in accordance with the applicable recordkeeping requirements in section B herein, to verify compliance with the fuel quality standards herein.

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

The permittee shall maintain and make available, upon request by the Department, monthly records of the total combined amount of coal fired for Sources 031 and 031A authorized herein on a calendar month and 12-month rolling sum basis in accordance with the applicable recordkeeping requirements in section B herein, to verify compliance with the fuel throughput restrictions herein.

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

[Authority is also derived from 40 CFR §§63.11223 and 63.11225, and 25 Pa. Code §127.444]

(a) The permittee shall comply with all applicable recordkeeping requirements in 40 CFR §63.11225 pertaining to the Source ID 031A boiler authorized herein. Accordingly, the permittee shall generate and maintain on-site records, reports and other information containing at least the Source ID 031A tune up compliance demonstration information specified below in paragraphs (1) through (5). Copies shall be submitted if requested by the Department.

(1) The identity of boiler undergoing tune-up Source ID 031A which is also designated as Boiler 2 and its CO emissions in parts per million, by volume, and oxygen concentrations in volume percent, measured at high fire or typical operating load, before and after the tune-up of the Source ID 031A boiler; and

(2) The procedures followed for the Source ID 031A Boiler 2 operation tune-ups, and the specifications to which the boiler operation was tuned; and

(3) The date of each tune up performance performed on Source ID 031A/Boiler 2; and

(4) Descriptions of any other maintenance, repairs and/or corrective actions performed on Boiler 2 also identified herein as Source ID 031A, as result of the required tune-ups; and

(5) The type and amount of fuel used over the 12 months prior to each tune-up of Source ID 031A/Boiler 2.

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

[Authority is also derived from 25 Pa. Code §127.444]

(a) The permittee shall maintain and make available, upon Department request, records of performance data for Source IDs 031A and C031A at least once per operating day when CNB Boiler 2 fires coal. Data shall be valid and representative of the source ID 031A performance over the entire boiler operating day when coal is fired.

(b) Compliance performance monitoring data and all other required information for the CNB Boiler 2 associated with Source ID 031A while firing coal shall be maintained for a minimum of five (5) years and in accordance with other, applicable requirements in Section B.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit semi-annual reports including records of the required monitoring data including total amounts of the coal fired in both Sources 031 and 031A authorized herein on a combined monthly and 12-month rolling sum total basis as well as any applicable fuel shipment analyses/reporting information obtained during the semi-annual period to verify compliance with the fuel throughput restrictions and quality standards herein.

(b) The semi-annual reports shall be submitted to the Department in accordance with the applicable reporting requirements in section B herein and by no later than March 1 for the semi-annual reporting period from July 1 through December 31 (of the previous year) and by September 1 for the semi-annual reporting period from January 1 through June 30 (of the concurrent year).

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

The permittee shall submit all the required notifications and reports specified in 40 CFR §63.11225 pertaining to the Source ID 031A boiler authorized herein.

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

[Authority is also derived from 25 Pa. Code §§127.444 and 127.447]

The permittee shall submit advance notification to the Department at least sixty (60) days prior to resuming operation of Source ID 031A on coal. The notification shall include:

- (1) Identification of affected sources/boilers resuming coal firing (Source IDs 031 and/or 031A);
- (2) Projected duration of coal use (e.g., days, weeks, months, seasonal); and
- (3) Routine measures implemented to verify that the affected unit(s) have achieved and will maintain permit compliance.

VI. WORK PRACTICE REQUIREMENTS.**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The ash hopper for the ID C031A collector shall be emptied no less frequently than once per day and more often if the rate of ash accumulation requires it when the Source ID 031A boiler authorized herein is in operation.

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

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

The permittee shall not operate Source 031A without simultaneous operation of the ID C031A centrifugal collector authorized herein. The particulate matter emissions from Source 031A shall be controlled by ID C031A.

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

[Authority is also derived from 40 CFR §63.11223 and 25 Pa. Code §127.444]

The permittee shall conduct a tune-up and inspection of CNB Boiler 2 and the associated cyclone collector (Source IDs 031A and C031A) no later than thirty (30) days after resuming coal firing. The tune-up shall be performed in accordance with applicable Area Source Boiler NESHAP requirements and good operating practices, including manufacturer specifications and recommendations, to minimize emissions and ensure compliance with Federal and State air quality requirements.

**SECTION D. Source Level Requirements****# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

For the Boiler 2 identified as Source ID 031A authorized under this permit, the permittee shall conduct a biennial tune-up of Source ID 031A in accordance with the requirements below derived from 40 CFR § 63.11223(b)(1) through (7). The permittee shall generate and maintain records of each tune-up conducted on Boiler 2 as required under the recordkeeping requirements below associated with Source ID 031A. Except as otherwise specified herein referring to the required tune-up upon the permittee resuming to use coal to operate Boiler 2/Source ID 031A, each biennial tune-up shall be conducted no later than twenty-five (25) months after the previous tune-up was performed. The permittee shall perform routine maintenance and inspections on the cyclone collector identified as Source ID C031A in conjunction with each boiler 2 tune-up and at such additional frequencies as necessary to ensure continuous compliance with applicable requirements.

(1) As applicable, inspect the burner and/or equivalent components of Boiler 2 identified herein as Source ID 031A, and clean or replace any components of the fuel combustion equipment as necessary to operate Source ID 031A in accordance with the manufacturers specifications and good operating practices.

(2) Inspect the flame pattern, as applicable, and adjust the fuel combustion equipment as necessary to optimize the flame pattern and/or other combustion characteristics of Boiler 2/Source ID 031A herein. The adjustment should be consistent with manufacturers specifications and good operating practices.

(3) Inspect the system controlling the air-to-fuel ratio of Boiler 2/Source ID 031A herein, as applicable, and ensure that it is correctly calibrated and functioning properly.

(4) Optimize total emissions of CO of Boiler 2 identified herein as Source ID 031A. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject to, such as the lb/MMBtu NO_x specification previously submitted and approved by the Department for Source ID 031A.

(5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments to Boiler 2 (Source ID 031A) are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer that is calibrated and used in accordance procedures acceptable to the PA DEP.

(6) Reserved.

(7) If Boiler 2 identified herein as Source ID 031A is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source 031A is Boiler #2 which is a CNB Tri-Fuel model T-185-LW-CA/02 boiler rated for 6.4 MMBTU/hr heat input and fired on bituminous coal and/or No. 2 fuel oil. This boiler is located in the Jr./Sr. high school building,

(b) ID C031A is the Breslove Separator Company model H-1-LM regenerative centrifugal cyclone collector for Boiler #2 (Source ID 031A).

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

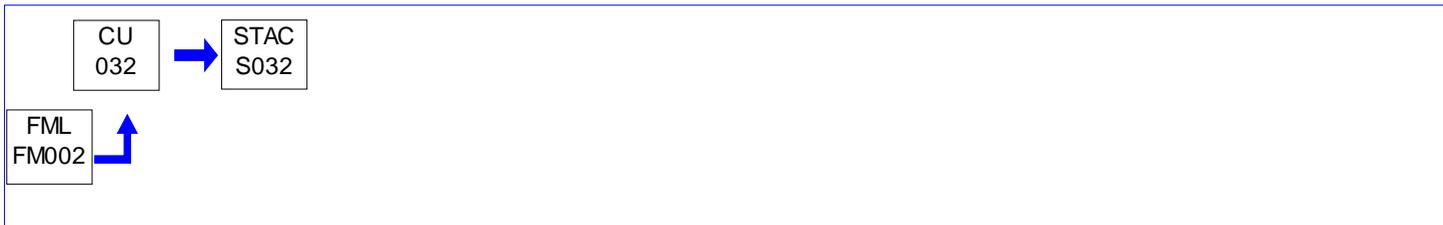
Boiler 2 identified as Source ID 031A herein is subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources as codified in 40 CFR Part 63 Subpart JJJJJJ. The permittee shall comply with all applicable provisions pertaining to Source ID 031A, as specified in 40 CFR Sections 63.11193 through 63.11237.

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: ONE SMITH BOILER

Source Capacity/Throughput: 18.000 Gal/HR #2 Oil

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

(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following:

(1) The rate of 0.4 pound per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

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

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the requirements of 40 CFR 52.2020(c)]

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Authority is also derived from 25 Pa. Code section 123.22]

Source ID 032 shall only be fired on No. 2 fuel oil to which no reclaimed or waste oil or other waste material have been added. In addition, all shipments or deliveries of No. 2 fuel oil used by the permittee for Source 032 shall not exceed the applicable maximum allowable fuel sulfur content limitation of 15 ppm or 0.0015% by weight.

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

The permittee shall, upon Department request, provide fuel analyses, or fuel samples, of the fuel used in the Source ID 032 boiler authorized herein.

III. MONITORING REQUIREMENTS.

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

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

The permittee shall comply with all applicable recordkeeping requirements in 40 CFR §63.11225 pertaining to the Source ID 032 boiler authorized herein.

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

The permittee shall submit all the required notifications and reports specified in 40 CFR §63.11225 pertaining to the Source ID 032 boiler authorized herein

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

The permittee shall conduct periodic tune-ups on the Source ID 032 boiler authorized herein according to 40 CFR Section 63.11223(b) and no more than five (5) years after the date of the previous tune-up performance.

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

Source ID 032 is the Smith model 4500A-15 boiler that at full modulation has a fuel throughput of 18 gallons No. 2 fuel oil per hour. Based on historical info this boiler is in operation at the elementary school.

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

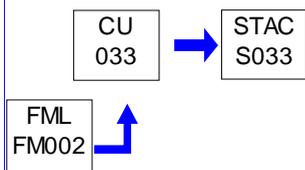
Source 032 is subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources as codified in 40 CFR Part 63 Subpart JJJJJJ. The permittee shall comply with all applicable requirements pertaining to the Source ID 032 authorized herein, as specified in 40 CFR Sections 63.11193 through 63.11237.

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: SMALL COMBUSTION UNITS

Source Capacity/Throughput: 18.700 Gal/HR #2 Oil

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

001 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from each Source 033 authorized herein 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.

[Authority is also derived from 25 Pa. Code section 123.22]

Sources ID 033 shall only be fired on No. 2 fuel oil to which no reclaimed or waste oil or other waste material have been added. In addition, all shipments or deliveries of No. 2 fuel oil used by the permittee for Sources 033 shall not exceed the applicable maximum allowable fuel sulfur content limitation of 15 ppm or 0.0015% by weight.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall, upon Department request, provide fuel analyses, or fuel samples, of the fuel used in Sources 033 authorized herein.

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.

The permittee shall comply with all applicable recordkeeping requirements in 40 CFR §63.11225 pertaining to Sources 033 authorized herein.

V. REPORTING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit all the required notifications and reports specified in 40 CFR §63.11225 pertaining to Sources 033 authorized herein.

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

The permittee shall conduct periodic tune-ups of each combustion unit on Sources 033 authorized herein according to 40 CFR section 63.11223(b) and no more than five (5) years after the date of the previous tune-up performance.

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

Sources ID 033 is comprised two (2) small combustion units, including the Bryan boiler that is equipped with a Power Flame burner rated for 2.1 mmBtu/hr heat input and the 250-gallon hot water heater mfg. by PVI (model 250A-MXO) with a rated heat input of approximately 540,000 Btu/hr.

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

Each Source ID 033 combustion unit is subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources as codified in 40 CFR Part 63 Subpart JJJJJJ. The permittee shall comply with all applicable requirements pertaining to Sources 033 authorized herein, as specified in 40 CFR Sections 63.11193 through 63.11237.

**SECTION D. Source Level Requirements**

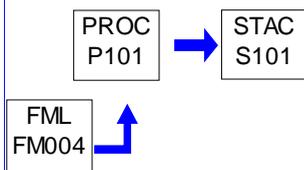
Source ID: P101

Source Name: PROPANE EMERGENCY GENERATOR-ENGINE

Source Capacity/Throughput:

11.000 Gal/HR

Propane

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from the exhaust stack for Source P101 authorized herein into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust stack for Source P101 authorized herein in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use propane for the Source ID P101 generator authorized herein.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not permit or allow the total hours of operation of the Source ID P101 generator authorized herein to exceed 500 hours in any 12 consecutive month period.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only operate and use the Source ID P101 generator authorized herein in accordance with the operating hour restrictions specified in 40 CFR sections 63.6585(f)(3) and 63.6640(f), as applicable to the associated emergency engine of Source P101. There is no time limit on the use of Source P101 in emergency situations.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority is also derived from 40 CFR Section 63.6655(f)]

**SECTION D. Source Level Requirements**

The Source ID P101 generator authorized herein shall be equipped with a non-resettable hour meter to continuously measure the cumulative runtime or total hours of operation of the associated emergency engine of Source P101. The permittee shall log monthly readings from the Source ID P101 hour meter to determine and record the total hours of operation of Source P101 on a calendar month and 12-month rolling sum basis.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [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 monthly Source ID P101 hour meter readings and other monitored information in accordance with the applicable recordkeeping requirements in section B herein, to verify compliance with the operating hours restrictions herein for Source P101. The permittee shall also document in the records that include the total hours of operation of the Source ID P101 generator authorized herein in any calendar month how many of the operating hours were spent for emergency operation, including what classified the operation as emergency and how many of the operating hours were spent for non-emergency operation. The total hours of operation shall be determined using the required monitor on the Source ID P101 generator authorized herein.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P101 is the 80-kW propane-fired emergency generator that is installed at the sports field and is equipped with a stationary RICE engine.

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

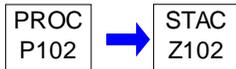
The stationary RICE or engine associated with Source ID P101 is subject to the National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines as codified in 40 CFR Part 63 Subpart ZZZZ. The permittee shall comply with all applicable requirements pertaining to Source P101, as specified in 40 CFR sections 63.6580 through 63.6675.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: TWO STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The permittee shall keep a record of the vapor pressure of the contents stored in each tank of Source ID P102.

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

The permittee shall not store any liquid except No. 2 fuel oil with a vapor pressure less than 1.5 psia (10.5 kilopascals) under actual storage conditions in any storage tank of Source ID P102.

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

Source ID P102 consist of following two storage tanks:

- (1) One (1) 6,000 gallon capacity No. 2 fuel oil storage tank located near the Jr./Sr. high school building.
- (2) One (1) 12,000 gallon capacity No. 2 fuel oil storage tank located at the elementary school.

**SECTION D. Source Level Requirements**

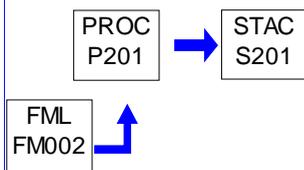
Source ID: P201

Source Name: CUMMINS GENERATOR-ENGINE AT JR/SR HIGH SCHOOL

Source Capacity/Throughput:

24.000 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 the exhaust stack for the Source ID P201 engine authorized herein in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust stack for the Source ID P201 engine authorized herein in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority is also derived from 40 CFR section 60.4207]

The permittee shall not permit or allow Source P201 authorized herein to operate on any fuel except diesel to which there has been no added waste oil or any other material. In addition, all diesel fuel shipments or deliveries for Source P201 shall meet the following per-gallon standards.

(1) 15 ppm maximum sulfur content, and

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not permit or allow the total hours of operation of the Source ID P201 authorized herein to exceed 500 hours in any 12 consecutive month period.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall only operate and use the Source ID P201 engine authorized herein in accordance with the operating hour restrictions as specified in 40 CFR sections 60.4211(f)(2)(i) through (iii) and (f)(3)(i)(A) through (E). There is no time limit on the use of Source P201 in emergency situations.

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

(a) The permittee shall conduct representative fuel sampling and testing of all diesel fuel shipments for Source P201 authorized herein, to verify compliance with the applicable fuel quality standards herein.

(b) In lieu of the above, the permittee shall obtain a copy of the fuel product analysis report from the diesel fuel supplier(s), to verify compliance. Any report used to determine compliance shall provide certification from the fuel supplier(s).

(c) All sampling and testing used to determine compliance shall comply with the applicable regulatory requirements from 25 Pa. Code Chapter 139, (relating to Sampling and Testing).

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

[Authority may also be derived from 40 CFR sections 60.4209(a)]

The Source ID P201 engine authorized herein shall be equipped with a non-resettable hour meter to continuously measure the cumulative runtime or total hours of operation. The permittee shall log monthly readings from the Source ID P201 hour meter to determine and record the total hours of operation of Source P201 on a calendar month and 12-month rolling sum basis.

IV. RECORDKEEPING REQUIREMENTS.**# 008 [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 representative fuel sampling and testing data and/or fuel product analysis reports for all diesel fuel shipments or deliveries accepted at the facility for Source P201 authorized herein in accordance with the applicable recordkeeping requirements in section B herein.

009 [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 monthly Source ID P201 hour meter readings and other monitored information in accordance with the applicable recordkeeping requirements in section B herein, to verify compliance with the operating hours restrictions herein for Source P201. The permittee shall also document in the records that include the total hours of operation of the Source ID P201 engine authorized herein in any calendar month how many of the operating hours were spent for emergency operation, including what classified the operation as emergency and how many of the operating hours were spent for non-emergency operation. The total hours of operation shall be determined using the required monitor on the Source ID P201 engine authorized herein.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P201 is the diesel-fired, Cummins model QSM11-G4-NR3 engine that is rated at approximately 470 hp and was

**SECTION D. Source Level Requirements**

installed in 2007 at the high school.

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

(a) The Source ID P201 engine authorized herein is subject to the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines as codified in 40 CFR Part 60 Subpart III. The permittee shall comply with all applicable requirements pertaining to Source P201, as specified in 40 CFR sections 60.4200 through 60.4219.

(b) Compliance with the above NSPS rulemaking will ensure that the Source ID P201 engine authorized herein complies with the National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, pursuant to 40 CFR Section 63.6590(c).

**SECTION D. Source Level Requirements**

Source ID: P201A

Source Name: CUMMINS GENERATOR-ENGINE AT ELEMENTARY SCHOOL

Source Capacity/Throughput:

24.000 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 the exhaust stack for the Source ID P201A engine authorized herein in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust stack for the Source ID P201A engine authorized herein in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority is also derived from 40 CFR section 60.4207]

The permittee shall not permit or allow Source P201A authorized herein to operate on any fuel except diesel to which there has been no added waste oil or any other material. In addition, all diesel fuel shipments or deliveries for Source P201A shall meet the following per-gallon standards.

(1) 15 ppm maximum sulfur content, and

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not permit or allow the total hours of operation of the Source ID P201A authorized herein to exceed 500 hours in any 12 consecutive month period.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall only operate and use the Source ID P201A engine authorized herein in accordance with the operating hour restrictions as specified in 40 CFR sections 60.4211(f)(2)(i) through (iii) and (f)(3)(i)(A) through (E). There is no time limit on the use of Source P201A in emergency situations.

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

(a) The permittee shall conduct representative fuel sampling and testing of all diesel fuel shipments for Source P201A authorized herein, to verify compliance with the applicable fuel quality standards herein.

(b) In lieu of the above, the permittee shall obtain a copy of the fuel product analysis report from the diesel fuel supplier(s), to verify compliance. Any report used to determine compliance shall provide certification from the fuel supplier(s).

(c) All sampling and testing used to determine compliance shall comply with the applicable regulatory requirements from 25 Pa. Code Chapter 139, (relating to Sampling and Testing).

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

[Authority may also be derived from 40 CFR sections 60.4209(a)]

The Source ID P201A engine authorized herein shall be equipped with a non-resettable hour meter to continuously measure the cumulative runtime or total hours of operation. The permittee shall log monthly readings from the Source ID P201A hour meter to determine and record the total hours of operation of Source P201A on a calendar month and 12-month rolling sum basis.

IV. RECORDKEEPING REQUIREMENTS.**# 008 [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 representative fuel sampling and testing data and/or fuel product analysis reports for all diesel fuel shipments or deliveries accepted at the facility for Source P201A authorized herein in accordance with the applicable recordkeeping requirements in section B herein.

009 [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 monthly Source ID P201A hour meter readings and other monitored information in accordance with the applicable recordkeeping requirements in section B herein, to verify compliance with the operating hours restrictions herein for Source P201A. The permittee shall also document in the records that include the total hours of operation of the Source ID P201A engine authorized herein in any calendar month how many of the operating hours were spent for emergency operation, including what classified the operation as emergency and how many of the operating hours were spent for non-emergency operation. The total hours of operation shall be determined using the required monitor on the Source ID P201A engine authorized herein.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID P201A is the diesel-fired, Cummins model QSM11-G4-NR3 engine that is rated at approximately 470 hp and was installed in 2007 at the elementary school.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The Source ID P201A engine authorized herein is subject to the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines as codified in 40 CFR Part 60 Subpart IIII. The permittee shall comply with all applicable requirements pertaining to Source P201A, as specified in 40 CFR sections 60.4200 through 60.4219.

(b) Compliance with the above NSPS rulemaking will ensure that the Source ID P201A engine authorized herein complies with the National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, pursuant to 40 CFR Section 63.6590(c).



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

- (a) One (1) 250 gallon capacity propane storage tank, located near the elementary school building,
- (b) Two (2) 1,000 gallon capacity (each) propane storage tanks located near the Jr./Sr. high school building,
- (c) Woodworking equipment including a Nordstrom fabric collector that are located at the Jr./Sr. high school. The fabric collector is to be vented indoors at all times of operation unless prior Department approval is obtained.
- (d) One (1) Allied Commercial Co. manufactured model TGA-150S2BH1G gas fired auxiliary gym heater with a rated heat input capacity of 0.18 MMBtu per hour.



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