



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

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: January 22, 2025

Effective Date: January 22, 2025

Expiration Date: January 21, 2030

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: 17-00064

Natural Minor

Federal Tax Id - Plant Code: 25-1359034-19

Owner Information

Name: ROSEBUD MINING COMPANY
Mailing Address: 301 MARKET ST
KITTANNING, PA 16201-1504

Plant Information

Plant: ROSEBUD MINING CO/CHERRY TREE MINE
Location: 17 Clearfield County 17913 Burnside Township
SIC Code: 1222 Mining - Bituminous Coal - Underground

Responsible Official

Name: JAMES R BARKER
Title: PRESIDENT
Phone: (724) 545 - 6222 Email: jim.barker@rosebudmining.com

Permit Contact Person

Name: JOHN ST. CLAIR
Title: MGR - PERMITTING
Phone: (724) 545 - 6222 Ext.225 Email: permits@rosebudmining.com

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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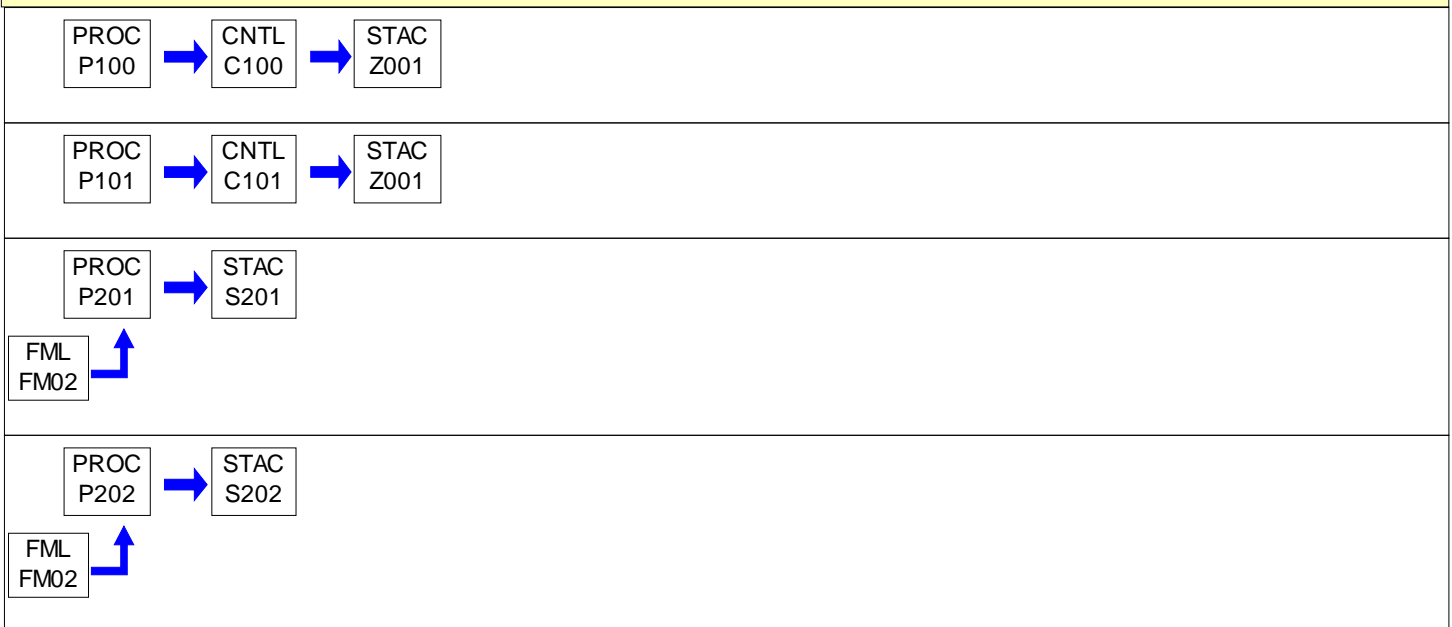
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| Source ID | Source Name | Capacity/Throughput | Fuel/Material |
|-----------|---|---------------------|-----------------------|
| P100 | COAL PREPARATION PROCESSING SCREENING OPERATIONS | 170.000 Tons/HR | ROM COAL (1.20 MMTPY) |
| P101 | COAL STOCKPILING & TRUCK LOADING OPERATION | 150.000 Tons/HR | PRODUCT (1.08 MMTPY) |
| P201 | 755 BHP, CUMMINS QSX15-G9, DIESEL EMERGENCY GEN | 34.700 Gal/HR | Diesel Fuel |
| P202 | 755 BHP, CUMMINS QSX15-G9, DIESEL EMERGENCY GEN | 34.700 Gal/HR | Diesel Fuel |
| C100 | WATER SPRAYS/COAL DUST EMISSIONS SUPPRESSION SYSTEM | | |
| C101 | WATER TRUCK WITH PRESSURIZED BAR&HOSE/SPRAY NOZZLE | | |
| FM02 | DIESEL FUEL TANK | | |
| S201 | DIESEL EMERGENCY ENGINE EXHAUST STACK | | |
| S202 | DIESEL EMERGENCY ENGINE EXHAUST STACK | | |
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PERMIT MAPS

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

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

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

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO_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:

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

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

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

(e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

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

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

#015 [25 Pa. Code § 127.11a]**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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) within condition #001 of section C herein if the emissions are visible at the point the emissions pass outside the person's property.

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

The permittee shall not permit the emission of visible air contaminants into the outdoor atmosphere 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 (1) through (8) within condition #001 of section C herein.

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

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office (ra-epncstacktesting@pa.gov) and one electronic copy shall be sent to the PSIMS

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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 submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

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

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

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

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

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

(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.

006 [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 a 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.

007 [25 Pa. Code §139.11]**General requirements.**

(1) 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.

(2) 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:

**SECTION C. Site Level Requirements**

- (a) A thorough source description, including a description of any air cleaning devices and the flue.
- (b) 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 effect emissions from the process.
- (c) The location of sampling ports.
- (d) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures.
- (e) 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.
- (f) Laboratory procedures and results.
- (g) Calculated results.

III. MONITORING REQUIREMENTS.**# 008 [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.

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

The permittee shall perform such upwind and/or downwind dust fall monitoring as may be requested by the Department, using methods and procedures as reviewed and approved by the Department pursuant to the testing requirement in section C herein.

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

[Authority is also derived in accordance with 25 Pa. Code sections 135.5]

(a) The permittee shall maintain and make available, upon request by the Department, the following records and other applicable information in conjunction with the recordkeeping information as required in section D herein for each Source ID P100 and P101 authorized herein:

- (1) The dates, locations and times of monitoring;
- (2) The operating conditions as existing at the time of monitoring.
- (3) The results of the monitoring and all other compliance determinations as required herein.
- (4) The dates of any other required compliance information, such excess emission other reports.
- (5) The name of the individuals that performed the monitoring or any other compliance determination as required herein.
- (6) The instrumentation, monitoring procedures and any other methods used to determine or verify compliance.

(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, measurement, report or any other compliance determinations by the permittee. Supporting information includes but may not be limited to the calibration data and maintenance records and any original strip-chart recordings and/or digital read-only data for continuous monitoring instrumentation, along with copies of the reports and any other compliance determinations as required herein.

011 [25 Pa. Code §135.5]**Recordkeeping**

(a) The permittee shall maintain such records including computerized records that may be necessary to comply with 25 Pa.

**SECTION C. Site Level Requirements**

Code Sections 135.3. 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 for sources associated with the facility authorized herein.

(b) All records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

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

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

U.S. Environmental Protection Agency Region III Director
Air Protection Division (Mail Code 3AP00)
1650 Arch Street
Philadelphia, PA 19103-2029

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

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

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

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

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

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

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

**SECTION C. Site Level Requirements**

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

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

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

VI. WORK PRACTICE REQUIREMENTS.**# 015 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in (1) through (8) within condition #001 of section C herein. 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.

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

(a) Visible 10-mph speed limit signs, as well as a visible notice regarding the truck tarping requirement shall be posted at the plant entrance, and any other site location as necessary to inform the truck and other vehicle traffic associated with Source ID P101 authorized herein of the vehicle speed and truck tarping requirements. The speed limit requirement would always apply, and the truck tarping requirement would apply, after the truck is loaded, or always while it exits the site.

(b) Coal trucks shall enter the site empty, and no coal truck dumping operation may be authorized unless prior Department approval in writing is obtained.

(c) All plant roadway surfaces shall be routinely maintained as to prevent fugitive particulate matter, due to trucks or other mobile equipment, from becoming airborne, and the permittee shall also promptly remove earth or other material from the paved plant and public roadway surfaces onto which earth or other material has been transported by equipment, truck traffic, erosion, or any other means by the activities authorized herein.

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

[Authority is also derived pursuant to BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

The plant entrance/exit roadway surface used by trucks shall be paved for at least 500 feet off the adjoining public road and the remainder of the designated truck route including any plant road turn-around section to be used by trucks after being loaded with coal product by front-end bucket shall be delineated by paving or periodic chipping to maintain truck traffic within the authorized designated areas on-site.

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

[Authority is also derived pursuant to BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

An operable water truck, equipped with a pressurized spray bar and a pressurized spray nozzle or hose connection shall kept on-site at all times, along with a vacuum-type sweeper truck, if needed, to control fugitive emissions from the coal

**SECTION C. Site Level Requirements**

processing and/or loading equipment herein, as well as the vehicle traffic, the unpaved plant roadways, the coal stockpiling activities and truck load-out areas, and any other open material piles authorized herein (refuse) in accordance with the manufacturer recommendations and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 019 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. Sections 4001 - 4015).

020 [25 Pa. Code §123.31]**Limitations**

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

021 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Authority is also derived pursuant to BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

(a) Prior to raw coal and any other permitted raw materials or refuse being fed into the coal processing plant authorized herein as Source ID P100, the material for processing shall be treated inside the mine such that its total moisture content is greater than 5%. The permittee shall conduct monitoring and other compliance demonstration procedures as required herein to verify compliance with this throughput restriction.

(b) Air canon(s) and/or other device(s) shall be installed and operated as necessary by the permittee to prevent operational problems.

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

In accordance with 40 CFR 60.254, for each chemical added to any of the sources authorized herein and/or selected for use as part of the operation of control measures to minimize fugitive coal dust emissions, only chemicals and dust suppressant agents with Occupational Safety and Health Administration (OSHA)-compliant material safety data sheets (MSDS) may be used. In addition, the permittee shall consider and document in the logbook(s) as required in section D for the Source IDs P100 and P101 authorized herein the site-specific impacts associated with the use of such chemicals.

[Authority is also derived pursuant to BAT in accordance with 25 Pa. Code sections 127.1 and 127.12]

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

If, at any time, following the performance testing as required herein, it is determined that any of the sources and other activities authorized herein results in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Sections 123.1 and 123.2, or the emission of these or any other air contaminants in excess of the limitations specified in any condition contained herein, the applicable requirements of Subpart Y of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.250 through 60.258, or the limitations specified in, or established pursuant to, any other applicable rule or regulation contained in 25 Pa. Code Chapters 121 through 145, the permittee shall implement corrective actions and/or preventative measures, which may include installation and/or replacement of control devices, in accordance with a report (and schedule) submitted and approved in writing by the Department.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

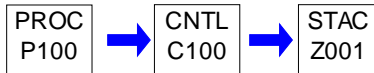
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: P100

Source Name: COAL PREPARATION PROCESSING SCREENING OPERATIONS

Source Capacity/Throughput: 170.000 Tons/HR ROM COAL (1.20 MMTPY)

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Pursuant to 40 CFR §60.254, the permittee shall not cause to be discharged into the outdoor atmosphere any gases which exhibit 10 percent opacity or greater from any of the Source ID P100 coal processing plant sources authorized herein.

Operation Hours Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The maximum total annual number of days that the Source ID P100 coal processing plant may be operated shall not exceed 300 days in any 12 consecutive month period, unless prior written approval is obtained by the Department.

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

Pursuant to BAT in accordance with 25 Pa. Code sections 127.1 and 127.12, the maximum total annual throughput of the Source P100 coal processing plant authorized herein shall not exceed 1,200,000 tons in any 12 consecutive month period, nor shall any equipment and sources authorized herein be used by any person to process any raw materials, other than the treated coal and other permitted materials (refuse) that is conveyed directly to the plant from the underground mine (on-site).

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

[Authority is derived from 40 CFR 60.255, relating to performance tests and other compliance requirements]

(a) On an every 5 calendar year period, the permittee shall conduct performance testing on each of the Source ID P100 coal processing sources authorized herein in accordance 40 CFR section 60.255 and/or acceptable Department methods other procedures as required pursuant to the testing requirements in section C herein to verify compliance with the 10%-opacity emission restriction herein.

(b) With respect to all required performance tests for Source ID P100 authorized herein, the permittee shall adhere to the Department compliance performance test procedures as required in accordance with the testing requirements in section C herein.

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

[Authority is also derived from 40 CFR 60.255, relating to performance tests and other compliance requirements]

(a) The permittee shall conduct daily Method 22 observations on each of the Source ID P100 coal processing sources at least once on a per operating day schedule during daylight hours and while coal is being processed by Source ID P100.

**SECTION D. Source Level Requirements**

(b) If any visible emissions are observed (or any alternative upset conditions approved in writing by the Department), the permittee shall adhere to the other applicable requirements as specified in 40 CFR 60.255(f)(1)(i).

(c) In addition, the required monitoring including Method 22 observations performed on Source ID P100 shall be recorded in the logbook(s) along with the other monitoring info as required in accordance with the recordkeeping requirements in section C herein.

(d) With respect to calendar days in which the Source ID P100 coal processing plant had not processed any coal and/or refuse as permitted herein, the logbook(s) shall maintain and make available, upon request by the Department, records including a statement as to why monitoring by the permittee was not required or performed, such as a shutdown of the aforementioned plant for the entire calendar day period.

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

[Authority is also derived from 40 CFR 60.255, relating to performance tests and other compliance requirements]

(a) In addition to above monitoring pursuant to 40 CFR 60.255, the permittee shall also maintain records of any manufacturer recommended maintenance procedures for the Source ID P100 coal processing plant equipment, as well as any manufacturer recommended maintenance procedures for the Source ID C100 coal dust emission suppression/water spray equipment, along with the records of dates and times of the required maintenance and inspection activities, and if applicable, a description of the corrective action taken as a result of the required maintenance and inspection activities.

(b) At minimum, visual inspection of each the equipment associated with Source ID P100 and C100 as well as the equipment used to maintain the required minimum moisture content of material fed to Source ID P100 authorized herein shall be performed by the permittee on a monthly basis. If any deficiencies are observed, the necessary maintenance shall be performed in accordance with good air pollution control practices as required herein.

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

The throughput or weight of the materials fed to Source ID P100 authorized herein shall be monitored during all periods when the aforementioned coal processing plant is in operation in order to generate and maintain records of the total amount (tons or pounds) of coal other material processed in each calendar day and month to verify compliance with the applicable requirements herein.

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

[Authority is also derived from 40 CFR 60.258, relating to reporting and recordkeeping]

The permittee shall maintain and make available, upon request to the Department, logbook(s) (electronic or hard-copy) of each of the results of all daily Method 22 observations performed on Source ID P100 and used to determine compliance with the less than 10%-opacity emission restriction herein, in conjunction with the other monitoring information, as required, pursuant to the recordkeeping requirements in section C herein.

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

[Authority is also derived from 40 CFR 60.258, relating to reporting and recordkeeping]

In addition to manufacturer's recommended maintenance procedures for Source ID P100, if any, the permittee shall maintain and make available, upon request by the Department, electronic or hard-copy logbooks of the dates and times of the monthly visual inspections, and, if applicable, a description of the corrective actions and/or other results from any those activities. Any variance from manufacturer recommendation, if any, shall also be recorded in the logbook(s).

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

[Authority is also derived from 40 CFR 60.258, relating to reporting and recordkeeping]

(a) In addition to records of the other monthly certifications as required by 40 CFR 60.258(a)(5), the permittee shall maintain and make available, upon request by the Department, records of the following information for Source IDs P100 and C100:

(1) The total amount (gallons) of water used by the dust suppression system associated with Source ID C100 authorized herein in each calendar month as well as a description of the on-demand source of water used by permittee and other fugitive dust measures used to comply with the applicable requirements for the aforementioned coal processing plant, in addition to the method used to estimate the total monthly water usage associated with Source ID C100 authorized herein.

(2) The type of anti-freeze or any other chemicals selected and/or used for Source IDs P100 and C100, as well as the manufacturer or vendor data used to verify compliance, date(s) and amount(s) purchased for the aforementioned coal processing plant and/or its coal dust emissions suppression system, along with any manufacturer recommendations, if any.

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

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

(a) The permittee shall maintain records of the following info pertaining to Source IDs P100 and C100 authorized herein:

(1) The total amount (tons) of coal other material processed by Source ID P100 authorized herein in each calendar day, along with the applicable monitoring information as required pursuant to the recordkeeping requirements in section C herein.

(2) The total amount (tons) of coal processed by Source ID P100 authorized herein in each calendar month, along with the applicable monitoring information as required pursuant to the recordkeeping requirements in section C herein

(3) The total amount (tons) of coal processed by Source ID P100 authorized herein on a 12-month rolling sum basis, along with the applicable monitoring supporting information as required pursuant to the recordkeeping requirements in section C herein

(4) A copy of all performance source tests reports for Source IDs P100 and C100.

(b) The records along with the background information used to report the values shall be kept for at least a five (5) year period from the date of record and/or report.

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

[Authority is also derived from 40 CFR 60.258, relating to reporting and recordkeeping]

Pursuant to 25 Pa. Code section 127.442, the permittee shall report excess emissions for Source ID P100 including any 6-minute average opacity readings that is equal to or above the applicable 10-percent opacity standard herein as required in accordance with the reporting requirements in section C herein.

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

Pursuant to 40 CFR 60.258(d), within 60 days after the date of completing each the initial and subsequent performance tests on Source ID P100, as required herein, the permittee shall mail a copy of the test report to United States Environmental Protection Agency; Energy Strategies Group; 109 TW Alexander DR; mail code: D243-01; RTP, NC 27711.

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

[Authority is also derived from BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

(a) All aboveground conveyance equipment to Source ID P100 authorized herein shall be fully enclosed or equipped with a 3-sided cover (top and two sides).

(b) The screening equipment to Source ID P100 shall be enclosed within a building.

(c) In addition, except to allow the material throughput, enclosure of all transfer points for the Source ID P100 coal processing plant equipment authorized herein is required while the sources are in operation.

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

(a) Pursuant to BAT in accordance with 25 Pa. Code sections 127.1 and 127.12, the permittee shall install the Source ID C100 coal dust emissions suppression system and water sprays on at least the following source(s) and equipment for Source ID P100 authorized herein.

Screening. (More spray nozzles may be added without the necessity of obtaining Department approval, but none of the nozzles at the above location may be omitted, deleted or removed without prior Department approval.)

(b) In addition, Source ID C100 shall be connected to an on-demand source of water so that the control device can be made available at all times when Source ID P100 is in operation and site conditions would warrant its operation to control coal dust fugitive emissions from the aforementioned coal processing plant and/or any other sources authorized herein (Source ID P101). OSHA-compliant chemicals dust suppression agents may be used in accordance with the applicable terms and conditions herein.

(c) During periods when the Source ID C100 coal dust suppression system/waters sprays required herein is unavailable, or incapable of controlling emissions in accordance with the applicable requirements herein, due to weather conditions, or any other reason, no person may authorize operation of Source ID P100 herein.

(d) Records of the maintenance and/or repairs done on Source ID C100 shall be maintained in accordance with 25 Pa. Code sections 135.3 for a period of at least five (5) years.

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

[Authority is also derived from BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

(a) Source P100 authorized herein consists of the following coal processing plant in operation to process the raw coal mined on site from underground:

- one (1) 48" mine belt Transfer Point #1;
- one (1) 48" plant belt to Transfer Point #2;
- one (1) 48" ramp belt Transfer Point #3;
- one (1) radial stacker to Screen Transfer Point #4; and
- one (1) Screening, with enclosures;

(b) In addition, the permittee shall keep records of the manufacturer specifications and/or good operating practices in place to monitor and keep records of the total Source ID P100 throughput on a daily, monthly and 12-month rolling basis, to verify compliance with the limits herein, as well as the background data and other info used to derive the reported values.

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

Source ID P100 authorized herein including the equipment designated A through E and G are subject to 40 CFR Part 60

**SECTION D. Source Level Requirements**

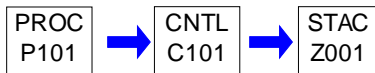
Subpart Y, relating to Standards of Performance for Coal Preparation and Processing. The permittee shall comply with all applicable requirements pertaining to Source ID P100, as specified in 40 CFR sections 60.250 through 60.258.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: COAL STOCKPILING & TRUCK LOADING OPERATION

Source Capacity/Throughput: 150.000 Tons/HR PRODUCT (1.08 MMTY)

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

(c) A person responsible for any source specified in subsections (a)(1) -- (7) or (9) 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, water 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.

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

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

II. TESTING REQUIREMENTS.

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

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

(a) The permittee shall conduct daily Method 22 observations on each of the Source ID P101 coal processing sources authorized herein at least once on a per operating day schedule during daylight hours and while coal is being processed by Source ID P101.

(b) If any visible emissions are observed, the permittee shall adhere to the other applicable requirements as specified in 40 CFR 60.255(f)(1)(i).

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

In addition to records of the other monthly certifications as required by 40 CFR 60.258(a)(6), the permittee shall maintain and make available, upon request by the Department, records of the following information for Source IDs P101 and C101:

**SECTION D. Source Level Requirements**

(1) The total amount (gallons) of water used by Source IDs C101 authorized herein in each calendar month as well as a description of the source of water used by permittee and any other fugitive dust measures used to comply with the applicable requirements for the aforementioned coal processing plant.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain and make available, upon request to the Department, records of the total quantities of coal production shipments, from the facility, on a per calendar day and monthly basis, along with the background monitoring information used to derive the reported values, as required, pursuant to the recordkeeping requirements in section C herein.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain and make available, upon request to the Department, logbook(s) (electronic or hard-copy) of each of the results of all daily Method 22 observations performed on Source ID P101, in conjunction with the other monitoring information required by the recordkeeping requirements in section C herein, to verify compliance with the visible emission limits herein.

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep record of the required fugitive coal dust emissions control plan for Source ID P101 and submit any necessary revisions in accordance with the applicable requirements as specified in 40 CFR section 60.254(c), paragraphs (1) through (6). Any revision to the plan shall be submitted and approved in writing by the Department.

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority is derived pursuant to BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

Front end loader bucket-to-truck bed height shall be kept to a minimum during all truck loading. In addition, this work practice shall be followed, along with the speed limit restriction, by the front-end loader during other material activities performed on-site.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority is derived pursuant to BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

(a) If the Source ID C101 water truck and/or its associated water spray equipment as required herein in section C is inoperable for any reason, no person may authorize operation of the Source ID P101 coal loading and truck operation, unless equivalent controls, such as other surfactant treated water/oil sprays are installed and operated to comply with the applicable requirements herein.

(b) Records of the maintenance and/or repairs done on Source ID C101 and any surfactant treated water/oil sprays shall be maintained in accordance with 25 Pa. Code sections 135.3 for a period of at least five (5) years.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority is derived pursuant to BAT in accordance with 25 Pa. Code, sections 127.1 and 127.12]

The permittee shall employ the use of existing and/or manmade wind barriers wherever necessary for control of dust from the open coal storage piles authorized herein. Any material transfer, handling and any other activities performed on-site to control dust due to wind should be done according to good air pollution control practices and is required to comply with 25 Pa. Code sections 123.1 and 123.2.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P101 authorized herein consists of the coal storage and/or loading operations associated with the mine and plant operations authorized herein:

one (1) radial stacker designated to coal storage pile Transfer Point #8;
 coal storage piles;
 truck loading (by front-end loader); and
 roadways.

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

Source ID P101 authorized herein including the equipment/open storage piles designated F, H and I are subject to 40 CFR Part 60 Subpart Y, relating to Standards of Performance for Coal Preparation and Processing. The permittee shall comply with all applicable requirements pertaining to Source ID P101, as specified in 40 CFR sections 60.250 through 60.258.

**SECTION D. Source Level Requirements**

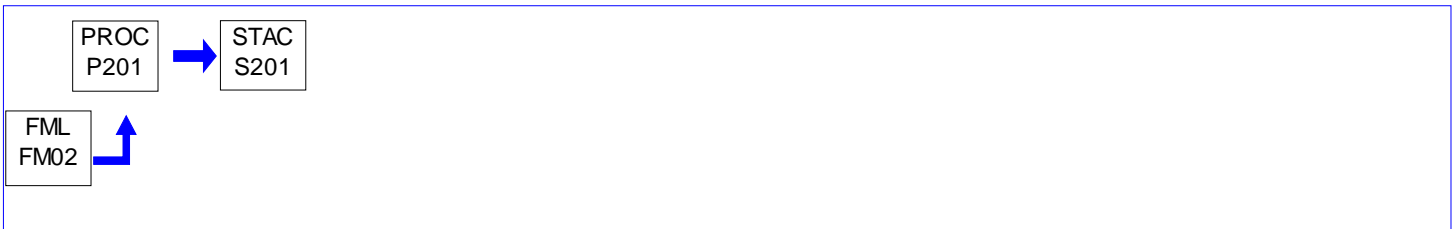
Source ID: P201

Source Name: 755 BHP, CUMMINS QSX15-G9, DIESEL EMERGENCY GEN

Source Capacity/Throughput:

34.700 Gal/HR

Diesel Fuel

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

a) The Source ID P201 emergency engine authorized herein shall be certified by manufacturer according to NSPS III to emit exhaust rates equal to or below the applicable Tier 2 standards, as follows:

4.8 Grams per BHP-hr for NO_x + NMHC

2.6 Grams per BHP-hr for CO

0.15 Grams per BHP-hr for PM

b) The operation of the Source ID P201 emergency engine shall not release the above pollutant emissions into the outdoor atmosphere in excess of the applicable NSPS III emission standard.

[Compliance with the above standard for PM will ensure compliance with the emission limitation as applicable pursuant to 25 Pa. Code section 123.13]

Fuel Restriction(s).**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

Source ID P201 shall only be fired on ULSD that meets the applicable standards as specified in 40 CFR 60.4207 (40 CFR 1090.305), on a per-gallon basis, which are copied below:

(1) Maximum sulfur content of 15 ppm; and

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

[Compliance with the above maximum fuel sulfur content standard will ensure compliance with the emission limitation as applicable pursuant to 25 Pa. Code section 123.21]

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

No person may operate the Source ID P201 emergency engine in excess of 500 hours in any 12 consecutive month period unless prior written approval is obtained from the Department.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

In accordance with 40 CFR 60.4211, the permittee shall only use or operate the Source ID P201 emergency engine in emergency and non-emergency situations as authorized pursuant to the applicable standards pursuant to 40 CFR section

**SECTION D. Source Level Requirements**

60.4211. In addition, the total hours of operation during non-emergency situations shall be limited 100 hr/yr unless otherwise records demonstrate that federal, state, or local standards required maintenance and testing of the engine beyond 100 hours per calendar year.

II. TESTING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform fuel tests or provide fuel shipment reports to verify compliance with ULSD fuel restrictions herein. Testing including fuel certification reports shall done in accordance with applicable Department methods and other requirements of 25 Pa. Code Chapter 139.

III. MONITORING REQUIREMENTS.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?**

Source ID P201 shall be equipped with a non-resettable hour meter to monitor the total hours of engine operation.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the total number of hours Source ID P201 operated each calendar month including monthly hour meter readings and other monitoring information as required in accordance with the recordkeeping requirements in section C herein. In addition, the permittee shall use the hour meter as required on the Source ID P201 engine in order to keep records of the 12-month rolling total hours of operation for each calendar month. All info used to verify compliance shall be kept for a period of five (5) years and shall be made available to the Department upon request.

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.

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

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall do all of the following, except as permitted under paragraph (g) of this section (40 CFR 60.6211):

- (1) Operate and maintain the Source ID P201 emergency engine (and any control devices) according to the manufacturer's emission-related written instructions;
- (2) Change only those emission-related settings that are permitted by the manufacturer; and
- (3) Meet the requirements of 40 CFR part 1068, as they apply to you.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P201 authorized herein consists of the emergency generator installation rated at 500 kW, including the stationary emergency diesel engine, Cummins, model QSX15-G9 NR2, with a nameplate rating of 755 BHP (@ 1800 RPM). The permittee shall keep record of the engine's serial number and make it available to the Department upon request.

**SECTION D. Source Level Requirements****# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Am I subject to this subpart?**

The Source ID P201 emergency engine authorized herein is subject to the National Standards of Performance for Stationary Sources as codified in 40 CFR Part 60 subpart IIII. The permittee shall comply with all applicable requirements pertaining to Source ID P201, as specified in 40 CFR 60.4200 through 60.4219.

**SECTION D. Source Level Requirements**

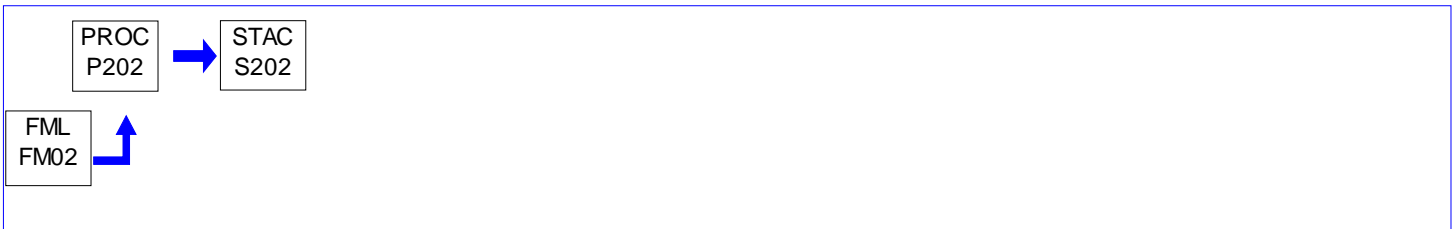
Source ID: P202

Source Name: 755 BHP, CUMMINS QSX15-G9, DIESEL EMERGENCY GEN

Source Capacity/Throughput:

34.700 Gal/HR

Diesel Fuel

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

a) The Source ID P202 emergency engine authorized herein shall be certified by manufacturer according to NSPS III to emit exhaust rates equal to or below the applicable Tier 2 standards, as follows:

4.8 Grams per BHP-hr for NO_x + NMHC

2.6 Grams per BHP-hr for CO

0.15 Grams per BHP-hr for PM

b) The operation of the Source ID P202 emergency engine shall not release the above pollutant emissions into the outdoor atmosphere in excess of the applicable NSPS III emission standard.

[Compliance with the above standard for PM will ensure compliance with the emission limitation as applicable pursuant to 25 Pa. Code section 123.13]

Fuel Restriction(s).**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

Source ID P202 shall only be fired on ULSD that meets the applicable standards as specified in 40 CFR 60.4207 (40 CFR 1090.305), on a per-gallon basis, which are copied below:

(1) Maximum sulfur content of 15 ppm; and

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

[Compliance with the above maximum fuel sulfur content standard will ensure compliance with the emission limitation as applicable pursuant to 25 Pa. Code section 123.21]

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

No person may operate the Source ID P202 emergency engine in excess of 500 hours in any 12 consecutive month period unless prior written approval is obtained from the Department.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

In accordance with 40 CFR 60.4211, the permittee shall only use or operate the Source ID P202 emergency engine in emergency and non-emergency situations as authorized pursuant to the applicable standards pursuant to 40 CFR section

**SECTION D. Source Level Requirements**

60.4211. In addition, the total hours of operation during non-emergency situations shall be limited 100 hr/yr unless otherwise records demonstrate that federal, state, or local standards required maintenance and testing of the engine beyond 100 hours per calendar year.

II. TESTING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform fuel tests or provide fuel shipment reports to verify compliance with ULSD fuel restrictions herein. Testing including fuel certification reports shall done in accordance with applicable Department methods and other requirements of 25 Pa. Code Chapter 139.

III. MONITORING REQUIREMENTS.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?**

Source ID P202 shall be equipped with a non-resettable hour meter to monitor the total hours of engine operation.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the total number of hours Source ID P202 operated each calendar month including monthly hour meter readings and other monitoring information as required in accordance with the recordkeeping requirements in section C herein. In addition, the permittee shall use the hour meter as required on the Source ID P202 engine in order to keep records of the 12-month rolling total hours of operation for each calendar month. All info used to verify compliance shall be kept for a period of five (5) years and shall be made available to the Department upon request.

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.

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

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall do all of the following, except as permitted under paragraph (g) of this section (40 CFR 60.6211):

- (1) Operate and maintain the Source ID P202 emergency engine (and any control devices) according to the manufacturer's emission-related written instructions;
- (2) Change only those emission-related settings that are permitted by the manufacturer; and
- (3) Meet the requirements of 40 CFR part 1068, as they apply to you.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P202 authorized herein consists of the emergency generator installation rated at 500 kW, including the stationary emergency diesel engine, Cummins, model QSX15-G9 NR2, with a nameplate rating of 755 BHP (@ 1800 RPM). The permittee shall keep record of the engine's serial number and make it available to the Department upon request.

**SECTION D. Source Level Requirements****# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Am I subject to this subpart?**

The Source ID P202 emergency engine authorized herein is subject to the National Standards of Performance for Stationary Sources as codified in 40 CFR Part 60 subpart IIII. The permittee shall comply with all applicable requirements pertaining to Source ID P202, as specified in 40 CFR 60.4200 through 60.4219.



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 emissions and sources are considered to be insignificant and have been determined trivial activities. This determination does not however exempt any of the sources below from the obligation to comply with all other applicable regulatory requirements derived from 25 Pa. Code Chapters 121-145:

- 1) Diesel fuel tanks (for the emergency engines associated with Source IDs P201 and P202 herein); and
- 2) Main fan exhaust (associated with the mine ventilation system).



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