COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: October 28, 2026 Effective Date: October 28, 2026

Expiration Date: September 30, 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: 37-00331
Natural Minor
Federal Tax Id - Plant Code: 20-8635869-1

Owner Information

Name: RWE HOLDING CO
Mailing Address: 535 RUNDLE RD
NEW CASTLE, PA 16101

Plant Information

Plant: RWE HOLDING CO/WEST PITTSBURG PLT
Location: 37 Lawrence County 37920 Taylor Township
SIC Code: 4789 Trans. & Utilities - Transportation Services, Nec

Responsible Official

Name: MARK W MCCLYMONDS
Title: CEO
Phone: (724) 368 - 8040 Email: mark@mcclymonds.com

Permit Contact Person

Name: JORDAN MILLER
Title: PRES
Phone: (724) 487 - 7156 Email: jmiller@colonatransfer.com

[Signature] _____
LORI L. MCNABB, NORTHWEST REGION AIR PROGRAM MANAGER

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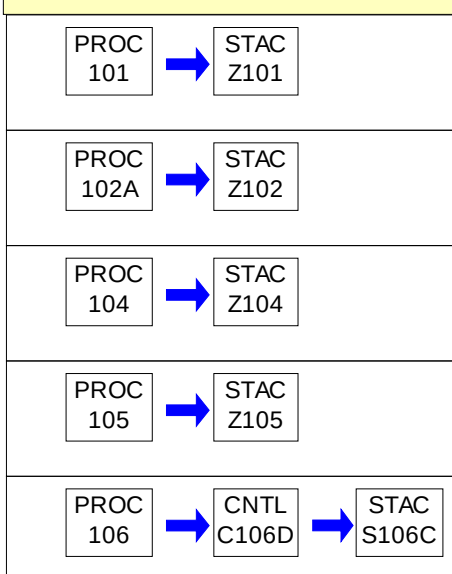
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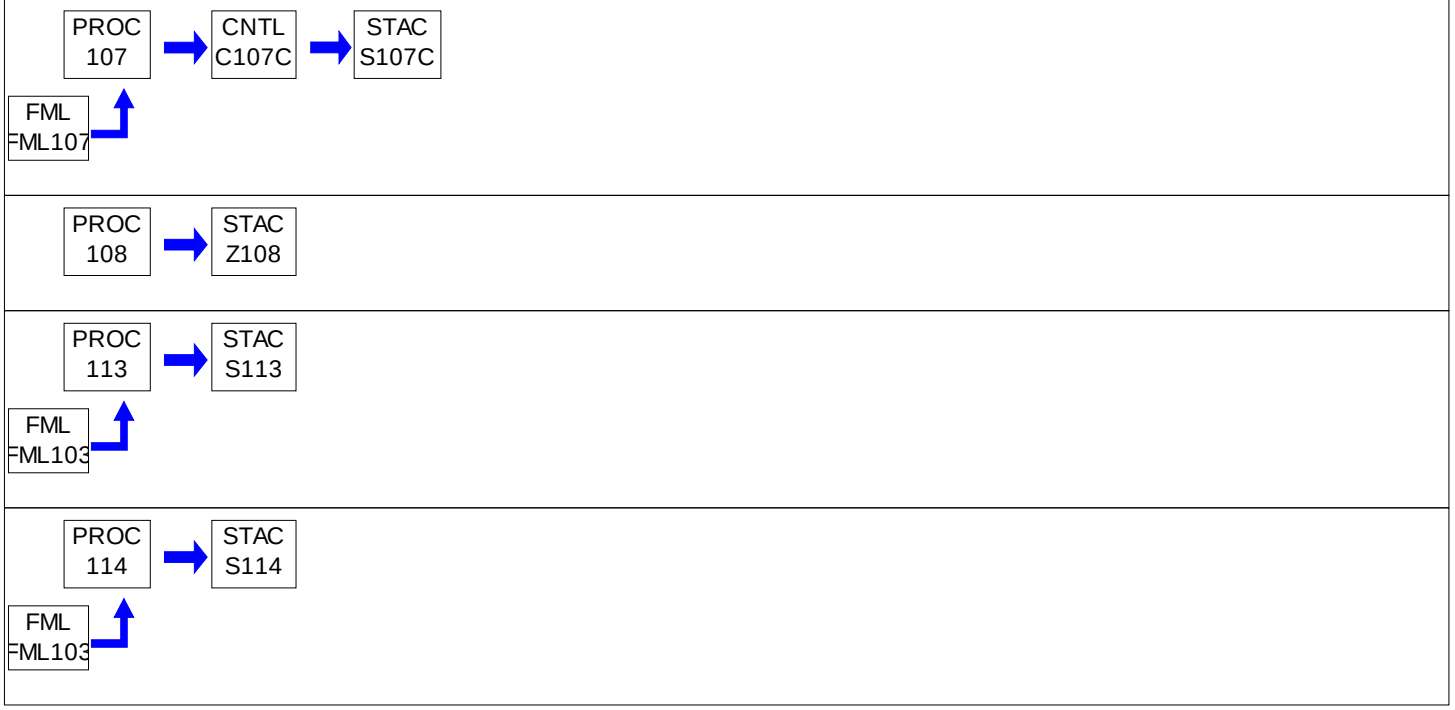
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput		Fuel/Material
101	SLAG HANDLING	75.000	Tons/HR	SLAG
102A	ANTI SKID PROCESSING OPERATION/STONE CRUSHING	200.000	Tons/HR	SLAG/STONE
104	SCREENING OPERATIONS	50.000	Tons/HR	COKE/SPENT CARBON A
105	STORAGE PILES	5.000	Tons/HR	COKE/SPENT CARBON A
106	DRY BULK CARBON TRANSFER	50.000	Tons/HR	CARBON
107	CARBON DRYING OPERATION	10.000	Tons/HR	
108	PLANT ROADWAYS		N/A	FUGITIVE DUST
113	CAT 3054C (144 BHP) ENGINE	7.571	Gal/HR	Diesel Fuel
114	CAT C-9D1 (300 BHP) ENGINE	15.714	Gal/HR	Diesel Fuel
C106D	CARTRIDGE DUST COLLECTOR, AMTECH AT16, 10,500 CFM			
C107C	36,000 ACFM BAGHOUSE FOR CARBON DRYING PROCESS			
FML103	DIESEL STORAGE TANK			
FML107	PROPANE STORAGE TANK			
S106C	CARBON TRANSFER STACK			
S107C	STACK FOR CARBON DRYING PROCESS			
S113	DIESEL ENGINE STACK			
S114	DIESEL ENGINE STACK			
Z101	SLAG HANDLING FUGITIVE EMISSIONS			
Z102	ANTI SKID PROCESSING/STONE CRUSHING FUGITIVE EMISSIONS			
Z104	COKE SCREENING FUGITIVE EMISSIONS			
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PERMIT MAPS



PERMIT MAPS


PROC 107
CNTL C107C
STAC S107C
FML FML107
PROC 108
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PROC 113
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FML FML103
PROC 114
STAC S114
FML FML103

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:

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(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 NOx from a single source during the term of the permit and 5 tons of NOx 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 a fugitive air contaminant 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) - (8) [Do not apply]

(9) Sources and classes of sources other than those identified in paragraphs (1)—(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(i) The emissions are of minor significance with respect to causing air pollution.

(ii) The emissions are not preventing or interfering with the attainment or maintenance of an ambient air quality standard.

(b) An application form for requesting a determination under either subsection (a)(9) or § 129.15(c) is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, charac-teristics of emissions, quantity of emissions and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant is required to demonstrate that the requirements of subsections (a)(9) and (c) and § 123.2 [Condition #002, below] (relating to fugitive particulate matter) or of the requirements of § 129.15(c) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

(c) [Printed under Work Practice Requirements in this section of permit.]

(d) [Does not apply]

 # 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) [Condition #001, above] (relating to prohibition of certain fugitive emissions) if the emissions are visible at the point the emissions pass outside the person's property.

 # 003 [25 Pa. Code §123.31]

Limitations

(a) [Printed under Work Practice Requirements in this section of permit.]

(b) A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

SECTION C. Site Level Requirements

(c) [Does not apply]

 # 004 [25 Pa. Code §123.41]

Limitations

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

(1) Equal to or greater than 20% for a period or periods aggregating more than 3 minutes in any 1 hour.

(2) Equal to or greater than 60% at any time.

 # 005 [25 Pa. Code §123.42]

Exceptions

The limitations of § 123.41 [Condition #004, above] (relating to limitations) shall not apply to a visible emission in any of the following instances:

(1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

(2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

(3) When the emission results from sources specified in § 123.1 (a)(1)—(9) [Condition #001, above] (relating to prohibition of certain fugitive emissions).

(4) [Does not apply]

 # 006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) Fugitive emissions shall not cross the owner or operator's property line at any time. [Additional authority for this condition based on Plan Approvals 37-331B & D, Section C, Condition #001]

(b) The operation of crushers, screens and conveying equipment shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity.

(c) The operation of crushers, screens and conveying equipment shall not cause to be discharged into the atmosphere from any crusher fugitive emissions which exhibit greater than 15 percent opacity.

[Plan Approval 37-331E, Section C, Condition #001]

II. TESTING REQUIREMENTS.

 # 007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the Department has reason to believe that the air contaminant emissions are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct such stack tests or source tests requested by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in

[Plan Approvals 37-331B & E, Section C, Condition #005(c), & Plan Approval 37-331D, Section C, Condition #006(d).]

SECTION C. Site Level Requirements

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.

IV. RECORDKEEPING REQUIREMENTS.

 # 009 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall maintain records documenting inspection or moisture testing of slag as evidence that the moisture content of slag meets the requirements set forth in this operating permit.

Each inspection or test record shall include date of inspection or test, description of location from where test sample was taken or inspection was performed, name of inspector, and results of inspection or test.

The inspection/test records shall be maintained for a period of 5 years and shall be made available to the Department upon request.

[Plan Approval 37-331A, Section C, Condition #007.]

 # 010 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All logs and required records shall be maintained on site for a minimum of five years and shall be made available to the Department upon request.

[Plan Approvals 37-331B, D, & E, Section C, Condition #002]

V. REPORTING REQUIREMENTS.

 # 011 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Malfunction reporting shall be conducted as follows:

(a) For the purpose of this condition, a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment or source to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Examples of malfunctions may include, but are not limited to: large dust plumes, heavy smoke, a spill or release that results in a malodor that is detectable outside the property on whose land the source is being operated.

(b) Any malfunction that poses an imminent danger to the public health, safety, or welfare or to the environment shall be reported by telephone to the County Emergency Management Agency (911 Center), and to the 24-hour Emergency Hotline of the appropriate DEP Regional Office (800-541-2050), no later than one hour after the discovery of an incident. Following the telephone notification, a written notice shall be submitted to the DEP, no later than the next business day.

(c) All other malfunctions shall be reported to the DEP no later than the next business day.

(d) Initial reporting of the malfunction shall identify the following items to the extent known:

(1) Name and location of the facility;

(2) Nature and cause of the malfunction;

(3) Time when the malfunction or breakdown was first observed;

SECTION C. Site Level Requirements

(4) Expected duration of increased emissions; and

(5) Estimated rate of emissions.

(e) The Owner/Operator shall also notify the DEP immediately, by telephone, when corrective measures, for malfunctions meeting the criteria in (b), have been accomplished.

(f) Malfunctions shall be reported to the DEP by ePermitting Submittal, unless the DEP directs otherwise:

ePermitting Submittal
https://greenport.pa.gov/ePermitPublicAccess/PublicSubmission/Home

PA DEP
Northwest Regional Office
814-332-6945

(g) If requested by the DEP, the Owner/Operator shall submit a full written report to the DEP, including final determinations of the items identified in (d), and the corrective measures taken on the malfunction. The report shall be submitted within 15 days of the DEP's request or accomplishing corrective measures, whichever is later.

[Plan Approvals 37-331B, D, & E, Section C, Condition #003]

VI. WORK PRACTICE REQUIREMENTS.

 # 012 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

[From 25 Pa. Code § 123.1(c):]

(c) A person responsible for any source specified in subsections (a)(1)—(7) or (9) [Condition #001, above] shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions 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.

 # 013 [25 Pa. Code §123.31]

Limitations

[From 25 Pa. Code § 123.31(a):]

(a) Limitations are as follows:

(1) If control of malodorous air contaminants is required under subsection (b) [Condition #003, above], emissions shall be incinerated at a minimum of 1200°F for at least 0.3 second prior to their emission into the outdoor atmosphere.

(2) Techniques other than incineration may be used to control malodorous air contaminants if such techniques are equivalent to or better than the required incineration in terms of control of the odor emissions and are approved in writing by the Department.

SECTION C. Site Level Requirements

 # 014 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) No source may operate unless its associated control device is operating without malfunction.

(b) All reasonable actions, as determined by the DEP, shall be taken to prevent material becoming fugitive particulate matter emissions.

(c) No fugitive emissions shall be generated as a result of removing collected dust from a control device or as a result of subsequently handling the collected dust onsite following its removal from a control device.

[Plan Approvals 37-331B & E, Section C, Condition #004, & Plan Approval 37-331D, Section D, Condition #005]

 # 015 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall incorporate the use of a fogging or spray system at all fugitive emission sources, including conveyors, crushers, hoppers, and screens at the facility in the event that wetting of stockpiles is ineffective at controlling fugitive dust emitted from the same.

[Plan Approval 37-331A, Section C, Condition #009.]

 # 016 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Slag to be processed and stored at the facility shall be kept to a minimum 4% moisture content. Compliance with this condition may be shown by a daily visible inspection, however, moisture testing shall be performed by the permittee upon request by the Department.

[Plan Approval 37-331A, Section C, Condition #010.]

 # 017 [25 Pa. Code §129.14]

Open burning operations

(a) Air basins. No person may permit the open burning of material in an air basin.

(b) [Does not apply]

(c) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:

(1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.

(2) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(3) A fire set for the prevention and control of disease or pests, when approved by the Department.

(4) - (5) [Do not apply]

(6) A fire set solely for recreational or ceremonial purposes.

(7) A fire set solely for cooking food.

(d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor—A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

SECTION C. Site Level Requirements

Clearing and grubbing wastes—Trees, shrubs and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:

(i) Air curtain destructors shall be used when burning clearing and grubbing wastes.

(ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction, modification, reactivation and operation of sources).

(iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.

(iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

(3) [Does not apply]

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

[This permit does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste Management Act, 35 P.S. Section 6018.610(3), or any other provision of the Solid Waste Management Act.]

VII. ADDITIONAL REQUIREMENTS.

 # 018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In the event that any Federal Subpart referenced in this permit is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.

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).

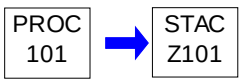
IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

SECTION D. Source Level Requirements

Source ID: 101 Source Name: SLAG HANDLING

Source Capacity/Throughput: 75.000 Tons/HR SLAG



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.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

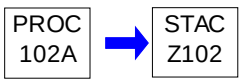
VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 102A Source Name: ANTI SKID PROCESSING OPERATION/STONE CRUSHING

Source Capacity/Throughput: 200.000 Tons/HR SLAG/STONE



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The operation of crushers, screens and conveying equipment shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity.

(b) The operation of crushers, screens and conveying equipment shall not cause to be discharged into the atmosphere from any crusher fugitive emissions which exhibit greater than 15 percent opacity.

[Plan Approval 37-331A, Section D, Condition #001]

 # 002 [25 Pa. Code §127.622]

Compliance with general plan approvals and general operating permit conditions.

The operation of a portable nonmetallic mineral processing plant shall not at any time result in the emission of:

(a) Fugitive air contaminants in excess of the limitations specified in 25 Pa. Code §§ 123.1 and 123.2. All reasonable actions shall be taken to prevent particulate matter from becoming airborne. These actions include, but are not limited to, the following:

i. Proper installation of a water spray dust suppression system and operation in accordance with Condition 18 (of the GP).

ii. Application of asphalt, water or suitable chemicals on dirt roads, material stockpiles and other surfaces that may give rise to airborne dusts.

iii. Paving and maintenance of plant roadways.

iv. 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, erosions by water, or other means.

(b) [Does not apply]

(c) Visible emissions from air pollution control devices in excess of the following limitations:

i. Equal to or greater than 20% for a period or periods aggregating more than three minutes in any one (1) hour.

ii. Equal to or greater than 60% at any time.

[GP3 10-0331A Condition #17]

 # 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Standard for particulate matter.

(a) [Does not apply]

(b) Affected facilities must meet the fugitive emission limits and compliance requirements in Table 3 of this subpart within

SECTION D. Source Level Requirements

60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under §60.11. The requirements in Table 3 of this subpart apply for fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

[Table 3 - 10 percent opacity for screening operations, bucket elevators, transfer points on belt conveyors, or any other affected facility; 15 percent opacity for fugitive emissions for crushers.]

(c) [Reserved]

(d) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of this section.

(e)- (f) [Do not apply]

Throughput Restriction(s).

 # 004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The Anti-Skid Processing Operation shall not exceed processing 100,000 tons of material per year based on a consecutive 12-month period.

(b) The Stone/Concrete Crushing shall not exceed processing 200,000 tons of material per year based on a consecutive 12-month period.

[Plan Approval 37-331D, Section D, Condition #005.]

II. TESTING REQUIREMENTS.

 # 005 [25 Pa. Code §127.622]

Compliance with general plan approvals and general operating permit conditions.

No later than one hundred and eighty (180) days after initial start-up, the permittee shall demonstrate compliance with the emission limitations for particulate matters established in Condition 21.

If, at any time, the Department has cause to believe that air contaminant emissions from a nonmetallic mineral processing plant covered by this General Permit 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 permittee shall conduct tests deemed necessary by the Department to determine the actual emission rate(s).

The permittee shall perform such testing in accordance with applicable provisions of 25 Pa. Code Chapter 139 (relating to sampling and testing) and in accordance with any restrictions or limitations established by the Department at the time the permittee is notified, in writing, of the testing requirement.

[GP3 10-0331A Condition #7]

 # 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Test methods and procedures.

(a) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendices A-1 through A-7 of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in paragraph (e) of this section.

(b) [Does not apply]

(c)(1) In determining compliance with the particulate matter standards in §60.672(b) or §60.672(e)(1), the owner or operator shall use Method 9 of Appendix A-4 of this part and the procedures in §60.11, with the following additions:

SECTION D. Source Level Requirements

(i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9 of Appendix A-4 of this part, Section 2.1) must be followed.

(iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

(2)(i) In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under §60.672(f) of this subpart, using Method 9 (40 CFR part 60, Appendix A-4), the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations shall be 1 hour (ten 6-minute averages).

(ii) The duration of the Method 9 (40 CFR part 60, Appendix A-4) observations may be reduced to the duration the affected facility operates (but not less than 30 minutes) for baghouses that control storage bins or enclosed truck or railcar loading stations that operate for less than 1 hour at a time.

(3) When determining compliance with the fugitive emissions standard for any affected facility described under §60.672(b) or §60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

(d) [Does not apply]

(e) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

(i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

(ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.

(2) A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

(i) No more than three emission points may be read concurrently.

(ii) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

(iii) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

(3) - (4) [Do not apply]

(f) [Does not apply]

(g) For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in §60.7(a)(6) and 60.8(d) to a 7-day advance notification.

SECTION D. Source Level Requirements

(h) [Reserved]

(i) If the initial performance test date for an affected facility falls during a seasonal shut down (as defined in §60.671 of this subpart) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

A daily record shall be kept of the hours of operation and throughput for the source, when it operates. The hours from the current month will be added to the totals from the previous 11 months to form a 12 month rolling total. The records shall be kept for a minimum of five years and made available to the Department upon request.

[Plan Approval 37-331A, Section D, Condition #004]

V. REPORTING REQUIREMENTS.

 # 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Reporting and recordkeeping.

(a) Each owner or operator seeking to comply with §60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

(i) The total surface area of the top screen of the existing screening operation being replaced and

(ii) The total surface area of the top screen of the replacement screening operation.

(3) For a conveyor belt:

(i) The width of the existing belt being replaced and

(ii) The width of the replacement conveyor belt.

(4) For a storage bin:

(i) The rated capacity in megagrams or tons of the existing storage bin being replaced and

(ii) The rated capacity in megagrams or tons of replacement storage bins.

(b) - (e) [Do not apply]

(f) The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted

to demonstrate compliance with the standards set forth in §60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with §60.672(b), (e) and (f).

(g) The owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in §60.672(b) and the emission test requirements of §60.11.

(h) The subpart A requirement under §60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

(i) A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator.

(1) For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.

(2) For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.

(j) The requirements of this section remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such States. In that event, affected facilities within the State will be relieved of the obligation to comply with the reporting requirements of this section, provided that they comply with requirements established by the State.

(k) Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to §60.4(b).

VI. WORK PRACTICE REQUIREMENTS.

 # 009 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The equipment making up Source 102 will be used to process only anti-skid material.

(b) Water spray dust suppression systems on crushers, screens and conveyors shall be operated on any and all occasions that the respective plant generates visible fugitive emissions. Operation without simultaneous operation of the water spray dust suppression system can take place only in those instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards in 25 Pa. Code §123.

(c) The crushers, screens, conveyors and any associated air cleaning devices shall be:

(1) Operated in such a manner as not to cause air pollution, as the term is defined in 25 Pa. Code § 121.1.

(2) Operated and maintained in a manner consistent with good operating and maintenance practices.

(3) Operated and maintained in accordance with the manufacturer's specifications. A copy of the manufacturer's specifications shall be kept on site and made available to the Department upon request.

[Plan Approval 37-331D, Section D, Condition #011. Additional authority from Plan Approvals 37-331A & C.]

 # 010 [25 Pa. Code §127.622]

Compliance with general plan approvals and general operating permit conditions.

[GP3 10-0331A Condition #4]
Any portable nonmetallic mineral processing plant operating under this General Permit must comply with the terms and conditions of the General Permit. The portable nonmetallic mineral processing plant and any associated air cleaning

devices shall be:

(a) Operated in such a manner as not to cause air pollution, as the term is defined in 25 Pa. Code § 121.1.

(b) Operated and maintained in a manner consistent with good operating and maintenance practices.

(c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this General Permit.

[GP3 10-0331A Condition #18(a)]
Water spray dust suppression systems on portable nonmetallic mineral processing plants shall be operated on any and all occasions that the respective plant is operated. Operation without simultaneous operation of the water spray dust suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this General Permit. If, however, the water spray dust suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the plant. A pressure gauge will be installed to indicate a normal operation of the dust suppression system.

[GP3 10-0331A Condition #19(b)]
The permittee shall keep on hand such equipment and materials as are necessary to take reasonable action (including, but not limited to the application of water, oil or chemicals) to prevent fugitive particulate matter resulting from the use of any roadways and/or material stockpiling operations associated with the plant from becoming airborne and shall be used, as necessary, to prevent such fugitive particulate matter from becoming airborne.

VII. ADDITIONAL REQUIREMENTS.

 # 011 [25 Pa. Code §127.622]

Compliance with general plan approvals and general operating permit conditions.

Wherever a conflict occurs between this general plan approval and operating permit and any of the regulations listed below, the permittee shall, in all cases, meet the more stringent requirement:

(a) 25 Pa. Code §§ 123.1, 123.2, 123.13(c), and 123.41.

(b) 40 CFR 60, Subpart OOO.

[GP3 10-0331A Condition #16]

 # 012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Applicability and designation of affected facility.

(a)(1) Except as provided in paragraphs (a)(2), (b), (c), and (d) of this section, the provisions of this subpart are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart.

(2) [Does not apply]

(b) - (c) [Do not apply]

(d)(1) When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.

(2) An owner or operator complying with paragraph (d)(1) of this section shall submit the information required in

SECTION D. Source Level Requirements

§60.676(a).

(3) An owner or operator replacing all existing facilities in a production line with new facilities does not qualify for the exemption described in paragraph (d)(1) of this section and must comply with the provisions of §§60.672, 60.674 and 60.675.

(e) An affected facility under paragraph (a) of this section that commences construction, modification, or reconstruction after August 31, 1983, is subject to the requirements of this part.

(f) Table 1 of this subpart specifies the provisions of subpart A of this part 60 that do not apply to owners and operators of affected facilities subject to this subpart or that apply with certain exceptions.

 # 013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.671]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Definitions.

[Refer to 40 CFR §60.671 for definitions applicable to Subpart OOO.]

SECTION D. Source Level Requirements

Source ID: 104 Source Name: SCREENING OPERATIONS

Source Capacity/Throughput: 50.000 Tons/HR COKE/SPENT CARBON ANODE B

PROC 104 → STAC Z104

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The operation of crushers, screens and conveying equipment shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity

(b) The operation of crushers, screens and conveying equipment shall not cause to be discharged into the atmosphere from any crusher fugitive emissions which exhibit greater than 15 percent opacity.

[Plan Approval 37-331A, Section D, Sources 102 & 104, Condition #001.]

Operation Hours Restriction(s).

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Screening Operation shall operate a maximum of 2,000 hours per year calculated as a twelve month rolling total.

[Plan Approval 37-331A, Section D, Condition #002.]

Throughput Restriction(s).

 # 003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Screening Operation shall not exceed processing 50 tons of coke and/or spent carbon anode butts (combined) per hour.

[Plan Approval 37-331D, Section D, Condition #003.]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

A daily record shall be kept of the hours of operation and throughput for the source, when it operates. The hours from the current month will be added to the totals from the previous 11 months to form a 12 month rolling total. The records shall be kept for a minimum of five years and made available to the DEP upon request.

SECTION D. Source Level Requirements

[Plan Approval 37-331A, Section D, Sources 102 & 104, Condition #004.]

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.

 # 005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The equipment making up Source 104 will be used to process only coke and/or spent carbon anode butts.

(b) Water spray dust suppression systems on crushers, screens and conveyors shall be operated on any and all occasions that the respective plant generates visible fugitive emissions. Operation without simultaneous operation of the water spray dust suppression system can take place only in those instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards in 25 Pa. Code §123.

[Plan Approval 37-331A, Section D, Condition #006.]

 # 006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The crushers, screens, conveyors and any associated air cleaning devices shall be:

(a) Operated in such a manner as not to cause air pollution, as the term is defined in 25 Pa. Code § 121.1.

(b) Operated and maintained in a manner consistent with good operating and maintenance practices.

(c) Operated and maintained in accordance with the manufacturers' specifications. A copy of the manufacturers' specifications shall be kept on site and made available to the DEP upon request.

[Plan Approval 37-331A, Section D, Sources 102 & 104, Condition #005.]

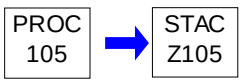
VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 105 Source Name: STORAGE PILES

Source Capacity/Throughput: 5.000 Tons/HR COKE/SPENT CARBON ANODE I



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.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 106 Source Name: DRY BULK CARBON TRANSFER

Source Capacity/Throughput: 50.000 Tons/HR CARBON



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The filterable particulate matter emissions in the exhaust of the control device shall not exceed 0.01 grains per dry standard cubic foot of effluent gas.

(b) There shall be no visible air contaminant emissions from the exhaust of the control device.

[Plan Approval 37-331B, Section D, Condition #001.]

Operation Hours Restriction(s).

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Dry Bulk Carbon Transfer Operation shall operate a maximum of 2,000 hours per year calculated as a twelve month rolling total.

[Plan Approval 37-331A, Section D, Condition #002.]

Throughput Restriction(s).

 # 003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The Dry Bulk Carbon Transfer Operation shall not exceed processing 50 tons of material per hour.

[Plan Approval 37-331A, Section D, Condition #003.]

(b) This source shall not transfer material at a rate which exceeds 10,000 tons per year.

[Plan Approval 37-331B, Section D, Condition #002 (b).]

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.

 # 004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall perform a daily observation of the pressure drop across the control device, when the source is in operation.

(b) The permittee shall perform a daily observation of the visible emissions from the operation of the source, when the source is in operation.

SECTION D. Source Level Requirements

[Plan Approval 37-331A, Section D, Source 106, Condition #004.]

IV. RECORDKEEPING REQUIREMENTS.

 # 005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall maintain a record of all preventative maintenance inspections of the control device. These records shall, at a minimum, contain the dates of the inspections, any problems or defects, the actions taken to correct the problem or defects, any routine maintenance performed and the pressure drop across the control device.

(b) The permittee shall maintain a record of the material processed by this source, when the source is in operation.

(c) The permittee shall maintain a daily record of pressure drop across the control device when the source is in operation.

(d) The permittee shall maintain a daily record of visible emissions from the source, when the source is in operation.

(e) The permittee shall maintian a record of the daily hours of operation for the source, when the source is in operation.

[Plan Approval 37-331A, Section D, Source 106, Condition #005.]

 # 006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) All logs and required records shall be maintained on site for a minimum of five years and shall be made available to the Department upon request.

(b) The permittee shall record the following operational data from the control device (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):

(1) Pressure differential - daily defined as once per calendar day.

Manual log entries shall include the following:

(1) Time and date of observation;

(2) Name, title, and signature of the person making the observation;

(3) Any corrective action taken as result of the observation.

(c) The permittee shall maintain a quarterly inventory of the number of spare filter cartridges onsite.

(d) The total monthly amount of carbon processed by this source shall be maintained.

(e) Records shall be kept which are sufficient to demonstrate the source's hourly transfer rate.

(f) Records shall be kept which are sufficient to demonstrate the source's monthly hours of operation.

(g) Records shall be kept which are sufficient to demonstrate the source's yearly transfer rate.

(h) All maintenance and inspections performed on the source shall be recorded in a log. This record shall, at a minimum, include:

(1) Time and date of maintenance/inspections;

(2) Name, title, and signature of the person performing the maintenance/inspections;

SECTION D. Source Level Requirements

(3) A detailed description of the maintenance/inspections;

(4) Any corrective action taken as result of the maintenance/inspections.

[Plan Approval 37-331B, Section D, Source 106, Condition #003.]

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.

 # 007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall perform a monthly preventative maintenance inspection of the control device.

(b) The permittee shall maintain a manometer or similar device to measure the pressure drop across the control device.

(c) The permittee shall maintain a stock of 25% of the bags/filters for the control device.

(d) The permittee shall operate the control device at all times that this source is in operation.

(e) The permittee shall maintain and operate the source and control device in accordance with the manufacturers' specifications.

[Plan Approval 37-331A, Section D, Source 106, Condition #007]

 # 008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) All gauges employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (+/- 2%) of full scale reading. The permittee shall maintain and operate the following:

(1) A magnehelic gauge or equivalent to measure the pressure differential across the filter media.

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

(c) The permittee shall perform preventative maintenance inspection of the control device including, but not limited to, the following:

(1) A visual inspection of the control device interior for dislodged cartridges, filter media wear, and dust build-up inside the control device.

(2) A daily visible inspection of the control device effluent for the presence of visible emissions.

(3) A daily reading and recording of the pressure differential across the filter media.

(4) All other maintenance activities which shall be performed on the control device at the frequency recommended by the manufacturer.

(d) The owner or operator shall keep sufficient quantity of spare cartridges, at a minimum of 20% of the total number of cartridges, on hand for immediate replacement.

(e) This source shall operate less than 2,000 hours in any consecutive 12 month period.

SECTION D. Source Level Requirements

(f) The owner or operator shall install upon the source a non-resettable hour meter.

[Plan Approval 37-331B, Section D, Source 106, Condition #004]

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Source 106, as controlled by new collector C106D, shall comply with the Section D, Source 106 requirements in the current Operating Permit 37-00331.

[Plan Approval 37-00331F, Section D, Source 106, Condition #002]

SECTION D. Source Level Requirements

Source ID: 107 Source Name: CARBON DRYING OPERATION

Source Capacity/Throughput: 10.000 Tons/HR



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The filterable particulate matter emissions in the exhaust of the control device shall not exceed 0.005 grains per dry standard cubic foot of effluent gas.

(b) There shall be no visible air contaminant emissions from the exhaust of the control device.

[Plan Approval 37-331E, Section D, Condition #001]

Throughput Restriction(s).

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

This source's throughput shall not exceed 20,000 tons of material in any 12-month rolling period.

[Plan Approval 37-331E, Section D, Condition #002]

II. TESTING REQUIREMENTS.

 # 003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Within 180 days after initial startup of the control device, a stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. The stack test shall be performed while the source is operating at its maximum achievable production rate. The stack test shall determine the total filterable particulate matter emission rate (gr/dscf and lb/hr). Within 12 to 18 months prior to the operating permit's expiration, a stack test shall be performed in accordance with (a) – (k), below.

[The Source Testing Manual is PA DEP document number 274-0300-002. A copy can be obtained at this web address: http://www.depgreenport.state.pa.us/elibrary/GetFolder?Folder ID=4563]

(a) At least 90 calendar days prior to commencing an emissions testing program, a test protocol shall be submitted to the Department for review and approval in accordance with paragraph (i) of this condition. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) When testing of a source is required on a recurring basis, a single procedural protocol may be submitted for approval; thereafter, a letter, submitted at least 90 calendar days prior to commencing an emissions testing program, referencing the previously approved procedural protocol is sufficient if the letter is approved by the Department. The letter shall be submitted as required in paragraph (a). If modifications are made to the process(es), if a different stack testing company is used, or if an applicable section of the stack test manual has been revised since the approval, a new protocol shall be submitted for approval.

(c) Pursuant to 25 Pa. Code §§ 139.53(a)(1) and 139.53(a)(3):

SECTION D. Source Level Requirements

(1) Submittals pertaining to emissions testing, specifically test protocols and test reports, shall be made by emailing electronic copies submissions to both PSIMS Administration in Central Office and to the Regional Office AQ Program at the following e-mail addresses:

CENTRAL OFFICE:
RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:
RA-EPNWstacktesting@pa.gov

(2) The notifications of emissions testing dates shall be submitted directly to:

(i) The DEP's OnBase electronic upload website where it will be forwarded to the Northwest Regional Office Air Quality Inspector. Upload the written notification at this web address:

https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx

(ii) IF the Protocol Reviewer at Central Office Division of Source Testing requested a copy of the notification, then submit a copy to the email address provided by the protocol reviewer.

(d) 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 Department in accordance with paragraph (c) of this condition. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(e) If the proposed testing did not occur per the required notification in paragraph (d) above, an electronic notification shall be sent within 15 calendar days after the expected completion date of the onsite testing to the Department, in accordance with paragraph (c) of this condition, indicating why the proposed completion date of the on-site testing was not adhered to.

(f) A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the onsite testing portion of an emission test program.

(g) 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 non-compliance 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.

(h) 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.

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

(j) The permittee shall ensure 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.

(k) Actions Related to Noncompliance Demonstrated by a Stack Test:

SECTION D. Source Level Requirements

(1) If the results of a stack test, performed as required by this approval, exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. Within 30 days of the Permittee receiving the stack test results, a written description of the corrective actions shall be submitted to the Department. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the Permittee within 30 days, if the corrective actions taken are deficient. Within 30 days of receipt of the notice of deficiency, the Permittee shall submit a description of additional corrective actions to the Department. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(2) If the results of the required stack test exceed any limit defined in this plan approval, the test was not performed in accordance with the stack test protocol or the source and/or air cleaning device was not operated in accordance with the plan approval, then another stack test shall be performed to determine compliance. Within 120 days of the Permittee receiving the original stack test results, a retest shall be performed. The Department may extend the retesting deadline if the Permittee demonstrates, to the Department's satisfaction, that retesting within 120 days is not practicable. Failure of the second test to demonstrate compliance with the limits in the plan approval, not performing the test in accordance with the stack test protocol or not operating the source and/or air cleaning device in accordance with the plan approval may be grounds for immediate revocation of the plan approval to operate the affected source.

[Plan Approval 37-331E, Section D, Condition #003]

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 §127.12b]

Plan approval terms and conditions.

(a) All logs and required records shall be maintained on site for a minimum of five years and shall be made available to the Department upon request.

(b) The permittee shall record the following operational data from the control device (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):

(1) Pressure differential - weekly.

(2) Manual log entries shall include the following:

(i) Time and date of observation;

(ii) Name, title, and initials of the person making the observation;

(iii) Any corrective action taken as result of the observation.

(c) The permittee shall maintain a quarterly inventory of the number of spare cartridges onsite.

(d) The total monthly amount of material processed by this source shall be maintained.

(e) Records shall be kept which are sufficient to demonstrate the source’s monthly and twelve month rolling total hours of operation.

(f) Records shall be kept which are sufficient to demonstrate the source’s twelve month rolling total throughput rate. The throughput from the current month will be added to the totals from the previous 11 months to form a 12 month rolling total.

(g) Records shall be kept which are sufficient to demonstrate the source’s 12-month rolling total of operation hours. The

hours from the current month will be added to the totals from the previous 11 months to form a 12-month rolling total.

(h) Records shall be kept which are sufficient to demonstrate the amount of fuel used per calendar year by the propane fueled dryer.

(i) All maintenance, required observations, and inspections performed on the source shall be recorded in a log. This record shall, at a minimum, include:

(1) Time and date of maintenance/inspections;

(2) Name, title, and signature of the person performing the maintenance/inspections;

(3) A detailed description of the maintenance/inspections;

(4) Any corrective action taken as result of the maintenance / inspections.

[Plan Approval 37-331E, Section D, Condition #004]

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.

 # 005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) All gauges employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (+/- 2%) of full scale reading. The permittee shall maintain and operate the following:

(1) A magnehelic gauge or equivalent to measure the pressure differential across the filter media.

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

(c) The permittee shall perform preventative maintenance inspections of the control device including, but not limited to, the following:

(1) An annual visual inspection of the control device interior for dislodged filter media, filter media wear, and dust build-up inside the control device;

(2) A weekly inspection of the control device effluent for the presence of visible emissions;

(3) A weekly reading and recording of the pressure differential across the filter media;

(4) All other manufacturer recommended maintenance activities which shall be performed on the control device at the frequency recommended by the manufacturer.

(d) The owner or operator shall keep a sufficient quantity of spare bags, at a minimum of 20% of the total number of bags (in the control device), on hand for immediate replacement.

(e) This source shall operate less than 3,000 hours in any 12-month rolling period.

(f) The owner or operator shall install upon the source a non-resettable hour meter.

SECTION D. Source Level Requirements

(g) The owner or operator shall install, operate, and maintain a triboelectric leak detection system on the control device. The system shall be operated and maintained as prescribed by the manufacturer. The system shall sound an alarm if a leak is detected.

[Plan Approval 37-331E, Section D, Condition #005]

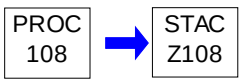
VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 108 Source Name: PLANT ROADWAYS

Source Capacity/Throughput: N/A FUGITIVE DUST



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.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

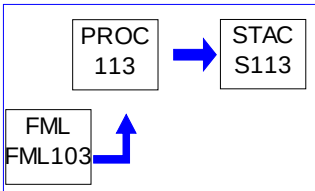
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

SECTION D. Source Level Requirements

Source ID: 113 Source Name: CAT 3054C (144 BHP) ENGINE

Source Capacity/Throughput: 7.571 Gal/HR Diesel Fuel

Conditions for this source occur in the following groups: GP-11 REQUIREMENTS



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Appendix I to 40 CFR §1039]

The following standards, which EPA originally adopted under 40 CFR part 89, apply to nonroad compression-ignition engines produced before the model years specified in § 1039.1:

Table 2 - Tier 2 Emission Standards (g/KW-hr)

Rated Power (kW)	Model Year	NMHC + NOx	CO	PM
75<=kW<130	2003	6.6	3.5	0.30

[40 CFR §1039.105]

(a) The smoke opacity standards in this section apply to all engines subject to emission standards under this part, except for the following engines:

(1) Single-cylinder engines.

(2) Constant-speed engines.

(3) Engines certified to a PM emission standard or FEL of 0.07 g/kW-hr or lower.

(b) Measure smoke opacity as specified in § 1039.501(c). Smoke opacity from your engines may not exceed the following standards:

(1) 20 percent during the acceleration mode.

(2) 15 percent during the lugging mode.

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

[69 FR 39213, June 29, 2004, as amended at 88 FR 4658, Jan. 24, 2023]

[As referenced in Group 3, Condition #001.]

SECTION D. Source Level 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) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

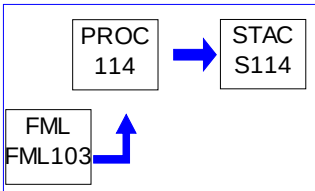
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements

Source ID: 114 Source Name: CAT C-9D1 (300 BHP) ENGINE

Source Capacity/Throughput: 15.714 Gal/HR Diesel Fuel

Conditions for this source occur in the following groups: GP-11 REQUIREMENTS



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Appendix I to 40 CFR §1039]

The following standards, which EPA originally adopted under 40 CFR part 89, apply to nonroad compression-ignition engines produced before the model years specified in § 1039.1:

Table 3 - Tier 3 Emission Standards (g/KW-hr)

Rated Power (kW)	Model Year	NMHC + NOx	CO	PM
130<=kW<560	2006	4.0	3.5	0.20

[40 CFR §1039.105]

(a) The smoke opacity standards in this section apply to all engines subject to emission standards under this part, except for the following engines:

(1) Single-cylinder engines.

(2) Constant-speed engines.

(3) Engines certified to a PM emission standard or FEL of 0.07 g/kW-hr or lower.

(b) Measure smoke opacity as specified in § 1039.501(c). Smoke opacity from your engines may not exceed the following standards:

(1) 20 percent during the acceleration mode.

(2) 15 percent during the lugging mode.

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

[69 FR 39213, June 29, 2004, as amended at 88 FR 4658, Jan. 24, 2023]

[As referenced in Group 3, Condition #001.]

SECTION D. Source Level 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) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION E. Source Group Restrictions.

Group Name: GP-11 REQUIREMENTS

Group Description: This source group has requirements from GP11-37-331A for nonroad engines.

Sources included in this group

ID	Name
113	CAT 3054C (144 BHP) ENGINE
114	CAT C-9D1 (300 BHP) ENGINE

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Nonroad engine(s) operating under this Operating Permit shall comply with the emissions standards established in 40 CFR Part 89. [Superseded by 40 CFR Part 1039]

[GP11-37-331A, Condition #6.]

II. TESTING REQUIREMENTS.

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Vendor guarantees, manufacturer's certification, recent on-site test data on similar engines, or any other means approved by the Department shall be sufficient to demonstrate compliance with the emissions limitations established in Condition 6 [Condition #001, above]. However, the Department reserves the right to require an additional verification of emission rates which may include source testing in accordance with applicable provisions of 25 Pa. Code Chapter 139 (relating to sampling and testing) or portable exhaust gas analyzers approved by the Department.

[GP11-37-331A, Condition #8.]

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall maintain accurate records of the number of hours per month that each engine operated using non-resettable hour meter and amount of fuel used for each unit.

(b) The permittee shall maintain records of dates and places in which each nonroad engine identified in this Operating Permit is relocated.

(c) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request. The Department reserves the right to expand the list contained in this condition as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act (35 P. S. §§4004), and as it may deem necessary to determine compliance with any condition contained herein.

[GP11-37-331A, Condition #10.]

V. REPORTING REQUIREMENTS.

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

SECTION E. Source Group Restrictions.

VI. WORK PRACTICE REQUIREMENTS.

 # 004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Pursuant to 40 CFR § 89.110 [40 CFR § 1039.135], each nonroad engine shall have affixed a permanent and legible label identifying each nonroad engine. Each label must contain the following information written in English:

(a) The heading “Imported Engine Information”;

(b) The full corporate name and trademark of the manufacturer;

(c) EPA standardized engine family designation;

(d) Engine displacement;

(e) Advertised power;

(f) Engine tune-up specifications and adjustments;

(g) Fuel requirements;

(h) Date of manufacture (month and year);

(i) Unique engine identification number.

[GP11-37-331A, Condition #9.]

VII. ADDITIONAL REQUIREMENTS.

 # 005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

A ”nonroad engine” is any internal combustion engine that is:

(a) in or on a piece of equipment that is self-propelled or serves a dual purpose by both propelling itself and performing another function.

(b) in or on a piece of equipment that is intended to be propelled while performing its function.

(c) that, by itself or in or on a piece of equipment, is portable or transportable, meaning designed to be and capable of being carried or moved from one location to another. Indicia of transportability include, but not limited to, wheels, skids, carrying handles, dolly, trailer or platform.

However, the internal combustion engine is NOT a nonroad engine if the engine is used to propel a motor vehicle or a vehicle used solely for competition; or the engine is regulated by a federal New Source Performance Standard promulgated under Section 111 of the Clean Air Act or by emission standards for new motor vehicles or new motor vehicle engines under Section 202 of the Clean Air Act; or the engine will remain at a location for more than 12 consecutive months or a shorter period of time for an engine located at a seasonal source. A location is any single site at a building, structure, facility, or installation. Any engine(s) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in calculating the consecutive time period. An engine located at a seasonal source is an engine that remains at a seasonal source during the full annual operating period of the seasonal source.

Seasonal Source is a stationary source that remains in a single location for at least two (2) years and that operates at a single location approximately three (3) months or more each year. This definition does not apply to an engine after the engine is removed from the location.

[GP11-37-331A, Condition #3.]

SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

SECTION G. Emission Restriction Summary.

Source Id	Source Description
106	DRY BULK CARBON TRANSFER

Emission Limit			Pollutant
0.010	gr/DRY FT3	Filterable Only	TSP

Source Id	Source Description
107	CARBON DRYING OPERATION

Emission Limit			Pollutant
0.005	gr/DRY FT3	Filterable Only	TSP

Source Id	Source Description
113	CAT 3054C (144 BHP) ENGINE

Emission Limit			Pollutant
3.500	GRAMS/KW-Hr		CO
6.600	GRAMS/KW-Hr		NOx+NMHC
500.000	PPMV	dry basis.	SOX
0.300	GRAMS/KW-Hr		TSP

Source Id	Source Description
114	CAT C-9D1 (300 BHP) ENGINE

Emission Limit			Pollutant
3.500	GRAMS/KW-Hr		CO
4.000	GRAMS/KW-Hr		NOx+NMHC
500.000	PPMV	dry basis.	SOX
0.200	GRAMS/KW-Hr		TSP

Site Emission Restriction Summary

Emission Limit	Pollutant

SECTION H. Miscellaneous.

(a) The Capacity/Hour numbers listed on Page 4 and provided in Section D of this permit for individual sources are for informational purposes only and are not to be considered enforceable limits. Enforceable emission limits are listed in the Restriction section for each source/source group. They are also summarized for informational purposes only in Section G.

(b) This permit was administratively amended on November 15, 2023 to incorporate the requirements of plan approval 37-331E and 37-331B.

(c) This permit was renewed on October 28, 2026, incorporating the requirements of Plan Approval 37-331F (replacement dust collector C106D for Source 106).

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