



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: February 5, 2019

Effective Date: February 5, 2019

Expiration Date: January 31, 2024

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: 10-00345

Federal Tax Id - Plant Code: 25-1004140-5

Owner Information

Name: ALLEGHENY MINERAL CORPORATION
Mailing Address: PO BOX 1022
KITTANNING, PA 16201-5022

Plant Information

Plant: ALLEGHENY MINERAL CORP/MURRINSVILLE
Location: 10 Butler County 10936 Marion Township
SIC Code: 1422 Mining - Crushed And Broken Limestone

Responsible Official

Name: JONATHON B KOLBE
Title: VP PRODUCTION
Phone: (724) 548 - 8101

Permit Contact Person

Name: DARREL K LEWIS
Title: ENGINEER
Phone: (724) 548 - 8101

[Signature] _____
ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER



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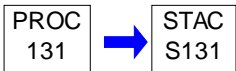
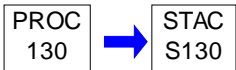
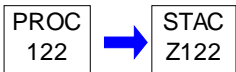
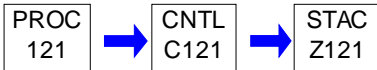
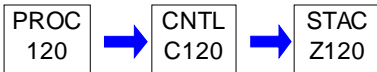
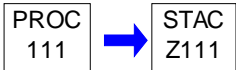
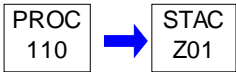
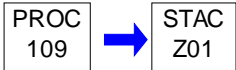
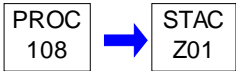
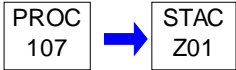
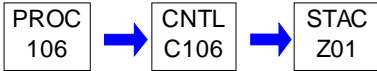
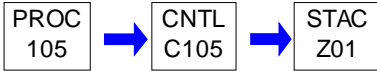
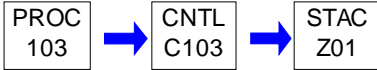
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	PRIMARY CRUSHING STATION	800.000 Tons/HR	LIMESTONE
102	SCALPING SCREEN STATION	800.000 Tons/HR	LIMESTONE
103	SECONDARY CRUSHING STATION	800.000 Tons/HR	LIMESTONE
104	TERTIARY CRUSHER STATION	800.000 Tons/HR	LIMESTONE
105	DRY DUST SCREEN STATION	800.000 Tons/HR	LIMESTONE
106	WASH SCREEN STATION	800.000 Tons/HR	LIMESTONE
107	STORAGE PILES	800.000 Tons/HR	LIMESTONE
108	PAVED ROADWAYS	17.000 Each/HR	TRUCKS
109	UNPAVED ROADWAYS	17.000 Each/HR	TRUCKS
110	TRUCK LOADING	800.000 Tons/HR	LIMESTONE
111	PARTS WASHER	1.000 Gal/HR	MINERAL SPIRITS
120	KPI FT3055 TRACK MOUNTED JAW CRUSHER (PORTABLE PLANT)	450.000 Tons/HR	LIMESTONE
121	JCI VIBRATORY SCREEN (450 TPH) (PORTABLE PLANT)	450.000 Tons/HR	LIMESTONE
122	VIBRATORY SCREEN CONVEYOR SYSTEMS (PORTABLE PLANT)	450.000 Tons/HR	LIMESTONE
130	CATERPILLAR C13 DIESEL ENGINE (440 BHP) (PORTABLE CRUSHER)	1.000 Gal/HR	Diesel Fuel
131	CATERPILLAR C6.6 DIESEL ENGINE (225 BHP) (PORTABLE SCREEN)	1.000 Gal/HR	Diesel Fuel
C101	WET SUPPRESSION DEVICE		
C102	WET SUPPRESSION SYSTEM		
C103	WET SUPPRESSION SYSTEM		
C104	WET SUPPRESSION SYSTEM		
C105	WET SUPPRESSION SYSTEM		
C106	WET SUPPRESSION DEVICE		
C120	JAW CRUSHER WATER SPRAY		
C121	VIBRATORY SCREEN WATER SPRAY		
S130	CATERPILLAR C13 ENGINE STACK		
S131	CATERPILLAR C6.6 ENGINE STACK		
Z01	FUGITIVE EMISSIONS		
Z111	PARTS WASHER FUGITIVES		
Z120	JAW CRUSHER FUGITIVE EMISSIONS		
Z121	VIBRATORY FEEDER FUGITIVE EMISSIONS		
Z122	VIBRATORY SCREEN CONVEYOR FUGITIVE EMISSIONS		

PERMIT MAPS

PERMIT MAPS

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

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

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

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

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

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

**SECTION B. General State Only Requirements**

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) Section 127.14 (relating to exemptions)

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) No person may permit the emission into the outdoor atmosphere of 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) [Not applicable]

(8) [Not applicable]

(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; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any 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, characteristics of emissions, quantity of emissions, and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant shall be required to demonstrate that the requirements of subsections (a)(9) and (c) and 123.2 (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) [See WORK PRACTICE REQUIREMENTS in this section of permit.]

(d) [Not applicable]

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) [in Condition # 002 above] if such emissions are visible at the point the emissions pass outside the person's property.

**SECTION C. Site Level Requirements****# 004 [25 Pa. Code §123.31]****Limitations**

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

005 [25 Pa. Code §123.41]**Limitations**

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

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

006 [25 Pa. Code §123.42]**Exceptions**

The limitations of 25 Pa. Code § 123.41 (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 25 Pa. Code § 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) [printed in Condition # 002 in Section C of permit].
- (4) [Not applicable]

II. TESTING REQUIREMENTS.**# 007 [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.

III. MONITORING REQUIREMENTS.**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall conduct a daily inspection during regular business workdays around the plant periphery during the daylight hours when the plant is in production to detect visible emissions, fugitive emissions, and malodorous air contaminants. Daily inspections are necessary to determine:

- (a) The presence of visible emissions. Visible emissions may be measured according to the methods specified in 25 Pa. Code 123.43. Alternatively, plant personnel who observe such visible emissions shall report each incident to the Department within 2 hours of the occurrence and arrange for a certified observer to read the visible emissions.
- (b) Presence of fugitive emissions beyond the facility property boundaries, as stated in 25 Pa. Code §123.2.
- (c) Presence of odorous air contaminants beyond the facility property boundaries as stated in 25 Pa. Code §123.31.

**SECTION C. Site Level Requirements**

[From Plan Approval 10-345A Section C Condition 008 and plan approval 10-345B Section C Condition 008.]

IV. RECORDKEEPING REQUIREMENTS.**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall maintain a logbook of inspections as referenced in the Monitoring Requirements in this section of permit. The logbook shall include at a minimum, the following information:

- (1) The name of the company representative doing the observation.
- (2) A description of the emissions and/or malodors observed and the actions taken to mitigate them.
- (3) The date and time of the monitoring.
- (4) The wind direction.

[From Plan Approval 10-345A Section C Condition 009 and plan approval 10-345B Section C Condition 009(a).]

(b) These records shall be maintained on-site at the facility for the most recent five (5) year period and be made available to the Department upon request.

[From Plan Approval 10-345A Section C Condition 009 and plan approval 10-345B Section C Condition 009(c).]

V. REPORTING REQUIREMENTS.**# 010 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall report malfunctions, which occur at the facility to the Department. A malfunction is any sudden, infrequent and not reasonably preventable failure of the air pollution control equipment, process equipment, or process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

(a) Malfunctions, which occur at the facility, which pose an imminent danger to public health, safety, welfare and environment, shall be reported to the Department by telephone no later than two hours after the incident is discovered by the company. The permittee shall submit a written report of such malfunctions to the Department within 3 days of the telephone report.

- (1) The notice shall describe the:
 - (i) name and location of the facility;
 - (ii) nature and cause of the malfunction;
 - (iii) time when the malfunction was first observed;
 - (iv) expected duration of excess emissions; and
 - (v) estimated rate of emissions.

(b) The owner or operator shall notify the Department immediately when corrective measures have been accomplished.

(b) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirements of item a) above, shall be reported to the Department, in writing, within five (5) days of the discovery of the malfunction.

(c) Malfunctions shall be reported to the Department at the following address:

PADEP
Air Quality Program
230 Chestnut Street

**SECTION C. Site Level Requirements**

Meadville, PA 16335

Telephone reports can be made to the Air Quality Program at (814) 332-6940 during normal business hours or to the Department's Emergency Hotline at (888) 378-3398.

[From Plan Approval 10-345A Section C condition 011 and plan approval 10-345B Section C condition 011]

VI. WORK PRACTICE REQUIREMENTS.**# 011 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(a) - (b) [Paragraphs (a) and (b) of 25 Pa. Code §123.1 are printed under Emission Restrictions in this section of permit.]

(c) A person responsible for any source specified in 25 Pa. Code § (a)(1) -- (7) or (9) [Condition 002 above] shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

(3) Paving and maintenance of roadways.

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

(d) See RESTRICTIONS in this section of permit.

012 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The plant entrance roads shall be maintained to keep fugitive emissions to a minimum. The road shall be routinely swept or dust suppressant shall be applied on an as needed basis.

[From Plan Approval 10-345A Section C Condition 015 and plan approval 10-345B Section C Condition 015]

013 [25 Pa. Code §129.14]**Open burning operations**

(a) Air basins. [Paragraph (a) of the regulation is not applicable to this facility.]

(b) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner that:

(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

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

SECTION C. Site Level Requirements

- (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) A 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) [Not applicable]
- (5) [Not applicable]
- (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.

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) [Not applicable]

(3) Subsection (b) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(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.

014 [25 Pa. Code §127.14]

Exemptions.

(a) Plan approval is not required for the construction, modification, reactivation or installation of the following:

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

(2) Combustion units rated at 2.5 million or less Btus per hour of heat input.

(3) Combustion units with a rated capacity of less than 10 million Btu per hour of heat input fueled by natural gas supplied by a public utility, liquified petroleum gas 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 § 123.22 (relating to combustion units).

**SECTION C. Site Level Requirements**

Combustion units converting to fuel oils which are No. 3 or heavier -- viscosity greater than 5.82 C St -- or contain sulfur in excess of the requirements of § 123.22 require approval. For the purpose of this section, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

- (4) Sources used in residential premises designed to house four or less families.
- (5) Space heaters which heat by direct heat transfer.
- (6) Mobile sources.
- (7) Laboratory equipment used exclusively for chemical or physical analyses.
- (8) Other sources and classes of sources determined to be of minor significance by the Department.
- (9) Physical changes to sources when the Department has determined the physical changes to be of minor significance.

(b) When the Department allows de minimis emission increases under § 127.449 (relating to de minimis emission increases), approval is not required for the construction, modification, reactivation or installation of the source creating the de minimis emission increases.

(c) For physical changes requested under subsection (a)(9), the Department will process requests for determinations as follows:

(1) For physical changes of minor significance that would not violate the terms of an operating permit, the act, the Clean Air Act or the regulations adopted under the act or the Clean Air Act and which would not result in emission increases above the emissions allowable in the operating permit or result in an increased ambient air quality impact for an air contaminant and which does not add new equipment, the applicant shall request approval, in writing, from the Department and the change may be made within 7 days of receipt by the Department of a written request unless the Department requests additional information or objects to the change within the 7-day period.

(2) For physical changes of minor significance that would not violate the terms of an operating permit, the act, the Clean Air Act or the regulations thereunder, and which would not result in emission increases above the emissions allowable in the operating permit or result in an increased ambient air quality impact for an air contaminant and which adds new equipment, the applicant shall request approval, in writing, from the Department and the change may be made within 15 days of receipt of the written request unless the Department requests additional information or objects to the change within the 15-day period.

(3) For physical changes of minor significance that would violate the terms of an operating permit, the plan approval exemption may be processed contemporaneously with the minor operating permit modification under 127.462 (relating to minor operating permit modifications) unless precluded by the Clean Air Act or the regulations thereunder, or the applicant may request approval, in writing, from the Department for the plan approval exemption. The change may not be made until written approval is obtained from the Department and the necessary permit modification procedure has been completed.

(d) [Not applicable]

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.

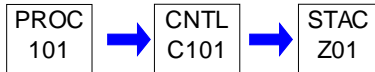
SECTION D. Source Level Requirements

Source ID: 101

Source Name: PRIMARY CRUSHING STATION

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: 1 - PERMANENT PLANT
3 - ALL PLANTS, SUBPART 000

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

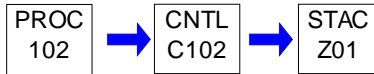
**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: SCALPING SCREEN STATION

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: 1 - PERMANENT PLANT
3 - ALL PLANTS, SUBPART OOO

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

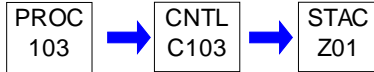
**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: SECONDARY CRUSHING STATION

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: 1 - PERMANENT PLANT
3 - ALL PLANTS, SUBPART 000

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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



SECTION D. Source Level Requirements

Source ID: 104

Source Name: TERTIARY CRUSHER STATION

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: 1 - PERMANENT PLANT
3 - ALL PLANTS, SUBPART OOO



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

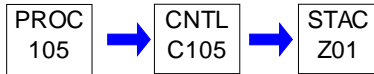
**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: DRY DUST SCREEN STATION

Source Capacity/Throughput: 800.000 Tons/HR Limestone

Conditions for this source occur in the following groups: 1 - PERMANENT PLANT
3 - ALL PLANTS, SUBPART 000

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

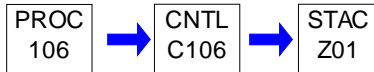
**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: WASH SCREEN STATION

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: 1 - PERMANENT PLANT
3 - ALL PLANTS, SUBPART 000

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

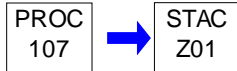
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements

Source ID: 107

Source Name: STORAGE PILES

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

**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.

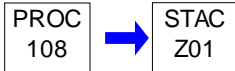
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

SECTION D. Source Level Requirements

Source ID: 108

Source Name: PAVED ROADWAYS

Source Capacity/Throughput: 17.000 Each/HR TRUCKS

**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.

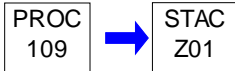
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

SECTION D. Source Level Requirements

Source ID: 109

Source Name: UNPAVED ROADWAYS

Source Capacity/Throughput: 17.000 Each/HR TRUCKS

**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.

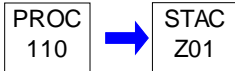
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

SECTION D. Source Level Requirements

Source ID: 110

Source Name: TRUCK LOADING

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

**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**

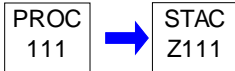
Source ID: 111

Source Name: PARTS WASHER

Source Capacity/Throughput:

1.000 Gal/HR

MINERAL SPIRITS

**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.**# 001 [25 Pa. Code §129.63]****Degreasing operations**

(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

(1) Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

(A) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(B) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

SECTION D. Source Level Requirements

(C) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

(i) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(ii) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(iv) Air agitated solvent baths may not be used.

(v) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(4) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

(i) The name and address of the solvent supplier.

(ii) The type of solvent including the product or vendor identification number.

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

(7) [25 Pa. Code 129.63(a)(7) is not applicable to this parts washer.]

(b) - (e) [25 Pa. Code 129.63(b) - (d) are not applicable to this parts washer.]

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: 120 Source Name: KPI FT3055 TRACK MOUNTED JAW CRUSHER (PORTABLE PLANT)
 Source Capacity/Throughput: 450.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: 2 - PORTABLE PLANT
 3 - ALL PLANTS, SUBPART 000

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

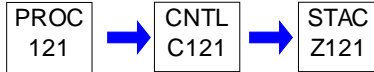
**SECTION D. Source Level Requirements**

Source ID: 121

Source Name: JCI VIBRATORY SCREEN (450 TPH) (PORTABLE PLANT)

Source Capacity/Throughput: 450.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: 2 - PORTABLE PLANT
3 - ALL PLANTS, SUBPART 000

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

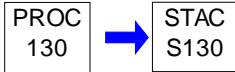
VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 130 Source Name: CATERPILLAR C13 DIESEL ENGINE (440 BHP) (PORTABLE CRUSHER)
 Source Capacity/Throughput: 1.000 Gal/HR Diesel Fuel

Conditions for this source occur in the following groups: 4 - DIESEL ENGINES
 5 - ENGINES, SUBPART IIII

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

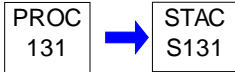
VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 131 Source Name: CATERPILLAR C6.6 DIESEL ENGINE (225 BHP) (PORTABLE SCREEN)
 Source Capacity/Throughput: 1.000 Gal/HR Diesel Fuel

Conditions for this source occur in the following groups: 4 - DIESEL ENGINES
 5 - ENGINES, SUBPART IIII

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: 1 - PERMANENT PLANT

Group Description: Requirements from plan approvals 10-345A & 10-345B and Operating Permit Reqmts

Sources included in this group

ID	Name
101	PRIMARY CRUSHING STATION
102	SCALPING SCREEN STATION
103	SECONDARY CRUSHING STATION
104	TERTIARY CRUSHER STATION
105	DRY DUST SCREEN STATION
106	WASH SCREEN STATION

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The crushing/screening operation shall not exceed 800 tons of material per hour. [This condition replaces the 600 tph limit from plan approval 10-345A.]

(b) Annual production from the limestone crushing/screening plant shall not exceed 2,500,000 tons during any consecutive 12-month period. [This condition replaces the 1,000,000 tpy limit from plan approval 10-345A.]

[From Plan Approval 10-345B Section C Condition 006]

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.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall keep comprehensive and accurate records to demonstrate:

(1) The number of hours the limestone crushing/screening plant is operated, summarized as consecutive 12-month totals.

(2) The tons of limestone processed.

[From Plan Approval 10-345A Section E Condition 004 and plan approval 10-345B Section C Condition 009(b).]

(b) These records shall be maintained on-site at the facility for the most recent five (5) year period and be made available to the Department upon request.

[From Plan Approval 10-345A Section C Condition 009 and plan approval 10-345B Section C Condition 009(c).]

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of all preventative maintenance inspections of the water spraying system. These

**SECTION E. Source Group Restrictions.**

records shall, at a minimum contain the following:

- (a) Dates of the inspections.
- (b) Any problems or defects.
- (c) Actions taken to correct the problem or defects.
- (d) Routine maintenance performed.

V. REPORTING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall submit an annual report by March 1 of the following year with the following information.

- the actual hours that the limestone crushing/screening plant operated for each operating year; and
- the actual tons per year of limestone processed.

[From Plan Approval 10-345A Section E Condition 005;
 plan approval 10-345B Section D Source 101 Condition 003;
 plan approval 10-345B Section D Source 102 Condition 003;
 plan approval 10-345B Section D Source 103 Condition 003;
 plan approval 10-345B Section D Source 104 Condition 003;
 plan approval 10-345B Section D Source 105 Condition 003;
 plan approval 10-345B Section D Source 106 Condition 003;]

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Operation of any air emissions source is contingent upon proper operation of its associated emission control system, unless otherwise approved by the Department.

[From Plan Approval 10-345A Section E Condition 008;
 plan approval 10-345B Section D Source 101 Condition 006;
 plan approval 10-345B Section D Source 102 Condition 006;
 plan approval 10-345B Section D Source 103 Condition 006;
 plan approval 10-345B Section D Source 104 Condition 006;
 plan approval 10-345B Section D Source 105 Condition 006;
 plan approval 10-345B Section D Source 106 Condition 006;]

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

- (a) The permittee shall perform a monthly preventative maintenance inspection of the water spraying system.
- (b) The permittee shall operate the water spraying system at all times that the source is in operation.
- (c) The permittee shall maintain and operate the source and the water spraying system in accordance with the manufacturer's specifications.

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

The sources and any associated air pollution control devices shall be installed, maintained, and operated in accordance with manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: 2 - PORTABLE PLANT

Group Description: Requirements from GP3-10-345A

Sources included in this group

ID	Name
120	KPI FT3055 TRACK MOUNTED JAW CRUSHER (PORTABLE PLANT)
121	JCI VIBRATORY SCREEN (450 TPH) (PORTABLE PLANT)
122	VIBRATORY SCREEN CONVEYOR SYSTEMS (PORTABLE PLANT)

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.**# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Notice Requirements

The permittee shall notify the Department, by telephone, within 24 hours of the discovery of any malfunction of a portable nonmetallic mineral processing plant operating pursuant to this General Permit, or any malfunction of an associated air cleaning device, which results in, or may possibly be resulting in, the emission of air contaminants in excess of any applicable limitation specified herein or in excess of the limitations specified in any applicable rule or regulation contained in 25 Pa. Code Chapters 121 through 145 or which otherwise results in, or may possibly be resulting in, noncompliance with the requirements specified in any applicable condition of this General Permit (if the permittee is unable to provide notification within 24 hours of discovery due to a weekend or holiday, the notification shall be made to the Department by no later than 4 p.m. on the first Department business day following the respective weekend or holiday). The permittee shall additionally provide whatever subsequent written report the Department may request regarding any reported malfunction.

[From plan approval BAQ-GPA/GP3-10-345A (Rev. 6/2006) Condition 6.]

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Change of Location

In advance of each change in location without any modification of the portable nonmetallic mineral processing plant the permittee shall, in accordance with 25 Pa. Code § 127.641, notify both the Department and the municipality where the operation will take place.

[From plan approval BAQ-GPA/GP3-10-345A (Rev. 6/2006) Condition 12]

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Compliance

**SECTION E. Source Group Restrictions.**

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.

[From plan approval BAQ-GPA/GP3-10-345A (Rev. 6/2006) Condition 4.]

004 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Emission Limitations

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 or proper design, installation, and operation of a fabric collector.
 - 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. - c. [Paragraphs b and c of GP-3 condition 17 are not applicable to this plant.]

[From plan approval BAQ-GPA/GP3-10-345A (Rev. 6/2006) Condition 17]

005 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Air Pollution Control Device Specifications

a. Water Spray Dust Suppression Systems.

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.

- b. - c. [Paragraphs b and c of GP-3 condition 18 are not applicable to this plant.]

[From plan approval BAQ-GPA/GP3-10-345A (Rev. 6/2006) Condition 18]

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Maintenance

- a. [Paragraph a of GP-3 condition 19 is not applicable to this plant.]
- b. The permittee shall keep on hand such equipment and materials as are necessary to take reasonable action (including,

**SECTION E. Source Group Restrictions.**

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.

c. [Paragraph c of GP-3 condition 19 is not applicable to this plant.]

[From plan approval BAQ-GPA/GP3-10-345A (Rev. 6/2006) Condition 19]

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Regulatory Conflicts

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.

[From plan approval BAQ-GPA/GP3-10-345A (Rev. 6/2006) Condition 16]

**SECTION E. Source Group Restrictions.**

Group Name: 3 - ALL PLANTS, SUBPART 000

Group Description: Requirements from 40 CFR Part 60 Subpart 000 for Non-metallic Mineral Processing

Sources included in this group

ID	Name
101	PRIMARY CRUSHING STATION
102	SCALPING SCREEN STATION
103	SECONDARY CRUSHING STATION
104	TERTIARY CRUSHER STATION
105	DRY DUST SCREEN STATION
106	WASH SCREEN STATION
120	KPI FT3055 TRACK MOUNTED JAW CRUSHER (PORTABLE PLANT)
121	JCI VIBRATORY SCREEN (450 TPH) (PORTABLE PLANT)
122	VIBRATORY SCREEN CONVEYOR SYSTEMS (PORTABLE PLANT)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]****Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants
Standard for particulate matter.**

(a) [Not applicable]

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

(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) [Not applicable]

[Source: 74 FR 19309, Apr. 28, 2009]

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR Part 60 Subpart 000 Table 3]**Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants
Fugitive Emission Limits**

[For the opacity limits and testing requirements, refer to the regulation for Table 3 to 40 CFR Part 60 Subpart 000.]

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]****Subpart 000 - 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) [Not applicable]

(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 E. Source Group Restrictions.**

(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) [Not applicable]

(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) [Not applicable]

(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) Method 5I of Appendix A-3 of this part may be used to determine the PM concentration as an alternative to the methods specified in paragraph (b)(1) of this section. Method 5I (40 CFR part 60, Appendix A-3) may be useful for affected facilities that operate for less than 1 hour at a time such as (but not limited to) storage bins or enclosed truck or railcar loading stations.

(4) In some cases, velocities of exhaust gases from building vents may be too low to measure accurately with the type S pitot tube specified in EPA Method 2 of Appendix A-1 of this part [i.e., velocity head <1.3 mm H₂O (0.05 in. H₂O)] and referred to in EPA Method 5 of Appendix A-3 of this part. For these conditions, the owner or operator may determine the average gas flow rate produced by the power fans (e.g., from vendor-supplied fan curves) to the building vent. The owner or operator may calculate the average gas velocity at the building vent measurement site using Equation 1 of this section and use this average velocity in determining and maintaining isokinetic sampling rates.

$$V_e = Q_f / A_e \quad (\text{Eq. 1})$$

**SECTION E. Source Group Restrictions.**

Where:

V_e = average building vent velocity (feet per minute);

Q_f = average fan flow rate (cubic feet per minute); and

A_e = area of building vent and measurement location (square feet).

(f) [Not applicable]

(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.

(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.

[Source: 74 FR 19309, Apr. 28, 2009]

III. MONITORING REQUIREMENTS.**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.674]****Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Monitoring of operations.**

(a) [Not applicable]

(b) The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under § 60.676(b).

(1) If an affected facility relies on water carryover from upstream water sprays to control fugitive emissions, then that affected facility is exempt from the 5-year repeat testing requirement specified in Table 3 of this subpart provided that the affected facility meets the criteria in paragraphs (b)(1)(i) and (ii) of this section:

(i) The owner or operator of the affected facility conducts periodic inspections of the upstream water spray(s) that are responsible for controlling fugitive emissions from the affected facility. These inspections are conducted according to paragraph (b) of this section and § 60.676(b), and

(ii) The owner or operator of the affected facility designates which upstream water spray(s) will be periodically inspected at the time of the initial performance test required under § 60.11 of this part and § 60.675 of this subpart.

(2) If an affected facility that routinely uses wet suppression water sprays ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry required under § 60.676(b) must specify the control mechanism being used instead of the water sprays.

(c) - (e) [Not applicable]

[Source: 74 FR 19309, Apr. 28, 2009]

SECTION E. Source Group Restrictions.**IV. RECORDKEEPING REQUIREMENTS.****# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]
Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants
Reporting and recordkeeping.**

- (a) [Paragraph 60.676(a) is printed under REPORTING REQUIREMENTS in this section of permit.]
- (b)(1) Owners or operators of affected facilities (as defined in §§ 60.670 and 60.671) for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under § 60.674(b) or (c), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator upon request.
- (2) - (3) [Not applicable]
- (c) - (e) [Not applicable]
- (f) [Paragraph 60.676(f) is printed under REPORTING REQUIREMENTS in this section of permit.]
- (g) [Not applicable]
- (h) - (k) [Paragraphs 60.676(h) through (k) are printed under REPORTING REQUIREMENTS in this section of permit.]
- [Source: 74 FR 19309, Apr. 28, 2009]

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

Any and all information required to be submitted to the Administrator under 40 CFR Part 60 shall be submitted to the Department at the following address.

Bureau of Air Quality
Department of Environmental Protection
230 Chestnut Street
Meadville, PA 16335

[Authority for this condition is derived from 50 FR 34140, EPA's delegation of authority for NSPS of Part 60 to PA DEP.]

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]
Subpart 000 - 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

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- (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) [Paragraph 60.676(b) is printed under RECORDKEEPING REQUIREMENTS in this section of permit.]
 - (c) - (e) [Not applicable]
 - (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) [Not applicable]
 - (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) [Paragraph 60.676(i) is a one-time requirement for initial notification which has already been met and is no longer applicable. The initial notification for the permanent plant was met in 2005 with plan approval 10-345A. The portable plant was started up in Murrinsville on July 24, 2012; and the initial notification requirement was evidenced in a July 26, 2013, email to the Department.]
 - (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).
- [Source: 74 FR 19309, Apr. 28, 2009]

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources § 40 CFR Part 60 Subpart 000 Table 1] Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants Exceptions to Applicability of Subpart A to Subpart 000

Refer to regulation for 40 CFR Part 60 Subpart 000 Table 1.

[As indicated in 60.670(f), this table specifies the provisions of 40 CFR Part 60 Subpart A that do not apply to this subpart.]

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670] Subpart 000 - 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

SECTION E. Source Group Restrictions.

to the provisions of this subpart.

(2) [Not applicable]

(b) [Not applicable]

(c) [Not applicable]

(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 § 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.

[Source: 74 FR 19309, Apr. 28, 2009]

**SECTION E. Source Group Restrictions.**

Group Name: 4 - DIESEL ENGINES

Group Description: Requirements from GP9-10-345B

Sources included in this group

ID	Name
130	CATERPILLAR C13 DIESEL ENGINE (440 BHP) (PORTABLE CRUSHER)
131	CATERPILLAR C6.6 DIESEL ENGINE (225 BHP) (PORTABLE SCREEN)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Emissions Limits for Diesel Engines:

Any diesel engine for which construction commenced on or after July 1, 1972 and best available technology requirements have not been previously established:

i. If the diesel-fired internal combustion engine has an engine rating greater than 100 brake horsepower, the engine shall, at a minimum, comply with a Total Hydrocarbon (THC) emission standard of 1.0 gm/bhp-hr.

ii. If the diesel-fired internal combustion engine is equal to or greater than 200 brake horsepower and number of hours of operation of engine are equal to or greater than the hours per year listed in the following table, then the engine shall be installed with NOx control device with a minimum of 80% NOx control efficiency. [Non-applicable categories are omitted from the table below.]

Facilities Located in "Moderate" (or lower classified) Ozone Non-Attainment Areas		
Engine Rating (BHP) >	Engine Rating (BHP) <=	Actual Annual Operating Hours >=
200	250	7,000
250	500	4,000

If NOx emissions from engine(s) are controlled using control technology that uses ammonia or urea as a reagent, then the company shall limit the exhaust ammonia slip at 10 ppmvd, or less corrected at 15% O2.

All other diesel engines shall at a minimum comply with the NOx emission standard of 6.9 gms/hp-hr.

iii. If the diesel-fired engine is equal to or greater than 100 brake horsepower and number of hours of operation of engine are equal to or greater than the hours per year listed in the following table, then the engine shall be installed with CO Oxidation Catalyst control device with a minimum of 90% control efficiency. [Non-applicable categories are omitted from the table below.]

Engine Rating (BHP) >	Engine Rating (BHP) <=	Actual Annual Operating Hours >=
150	250	2,800
250	500	1,850

All other diesel engines shall at a minimum comply with CO emission standard of 2.0 gms/bhp-hr.

iv. The sulfur content in diesel fuel shall not, at any time exceed 0.3 percent (by weight).

v. [The PM emission restriction from GP9-10-345B is streamlined out in favor of the more restrictive PM restriction from 40 CFR Part 60 Subpart IIII.]

vi. Visible emissions from diesel engine(s) stacks shall not exceed the following limitations:
 A. Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
 B. Equal to or greater than 30% at any time.

**SECTION E. Source Group Restrictions.**

vii. [25 Pa. Code §123.31 (pertaining to malodors) is included in section C of this permit.]

[From plan approval BAQ-GPA/GP9-10-345B 6/2006 Condition 7.b.]

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Start-up and Shut-down Exclusion:

The emission limitations [imposed by General Plan Approval GP9-10-345B and printed in this section of operating permit 10-00345] shall apply at all times except during periods of start-up and shut-down, provided, however, that the duration of start-up and shut-down do not exceed one hour per occurrence.

[From plan approval BAQ-GPA/GP9-10-345B 6/2006 Condition 19.]

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Performance Testing:

The Department reserves the right to require stack tests in accordance with EPA reference methods.

[From plan approval BAQ-GPA/GP9-10-345B 6/2006 Condition 8.]

[Sources 130 and 131 are EPA certified engines. Vendor guarantees were received by the Department on May 23, 2012, with the GP-9 application.]

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.**

[***Note: The records required for paragraph (a) below are used to demonstrate that emission limits and operating hour thresholds are not exceeded for the 2 diesel engines WHILE THEY ARE OPERATED AT THIS SITE. When the engines are relocated to the Rose Point Plant, they operate under a separate GP-9 permit and are subject to the identical, but separate, emission limits and operating hour thresholds and are subject to identical, but separate, recordkeeping requirements for THAT SITE.***]

Monitoring, Recordkeeping and Reporting:

a. The permittee shall maintain accurate records, which, at a minimum, shall include:

i. The number of hours per calendar year that each engine or piece of equipment is operated using non-resettable hour meter.

ii. The amount of fuel used per calendar year in each engine or piece of equipment.

b. [Condition 9b from General Plan Approval GP9-10-345B is not applicable since performance testing was not required for installation of these engines.]

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

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necessary to determine compliance with any condition contained herein.

[From plan approval BAQ-GPA/GP9-10-345B 6/2006 Condition 9.]

V. REPORTING REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Notice Requirements:

The permittee shall notify the Department, in writing, within 24 hours of the discovery of any malfunction during a business day or by 5:00 p.m. on the first business day after a weekend or holiday of any malfunction of the diesel-fired internal combustion engine(s) which results in, or may result in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code, Subpart C, Article III (relating to air resources).

[From plan approval BAQ-GPA/GP9-10-345B 6/2006 Condition 6.]

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Department and Municipality Notification:

The permittee shall notify the Department and the municipality prior to relocation of any diesel-fired engine(s) used for operating a portable nonmetallic mineral processing plant as required under 25 Pa. Code §127.641(b)(2). The notification for relocation of any diesel-fired engine(s) to the Department and the municipality shall be either hand delivered or transmitted by certified mail return receipt requested as required under 25 Pa. Code §127.641(c).

[From plan approval BAQ-GPA/GP9-10-345B 6/2006 Condition 18.]

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

(a) The permittee shall submit written notification to the Department if the hours of operation meet or exceed the following.

- (1) for Source 130, the Caterpillar C13, notify the Department if engine operates 1,850 hours or more in 1 year at this site.
- (2) for Source 131, the Caterpillar C6.6, notify the Department if engine operates 2,800 hours or more in 1 year at this site.

(b) The notification shall be made to the Department at the following address.

Bureau of Air Quality
Department of Environmental Protection
230 Chestnut Street
Meadville, PA 16335

[This notification provides the Department with information necessary to assure that a CO Oxidation Catalyst is installed in accordance with the conditions of the GP-9 plan approval in the event the thresholds for operating hours are exceeded.]

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Compliance:

The diesel-fired internal combustion engine(s) shall be:

- a. operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code §121.1;
- b. operated and maintained in a manner consistent with good operating and maintenance practices; and
- c. operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this permit.

[Derived from plan approval BAQ-GPA/GP9-10-345B 6/2006 Condition 4.]

**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).

**SECTION E. Source Group Restrictions.**

Group Name: 5 - ENGINES, SUBPART IIII

Group Description: Requirements from 40 CFR Part 60 Subpart IIII for CI ICE

Sources included in this group

ID	Name
130	CATERPILLAR C13 DIESEL ENGINE (440 BHP) (PORTABLE CRUSHER)
131	CATERPILLAR C6.6 DIESEL ENGINE (225 BHP) (PORTABLE SCREEN)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4201]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for non-emergency engines if I am a stationary CI internal combustion engine ma**

(a) Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later non-emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 kilowatt (KW) (3,000 horsepower (HP)) and a displacement of less than 10 liters per cylinder to the certification emission standards for new nonroad CI engines in 40 CFR 89.112, 40 CFR 89.113, 40 CFR 1039.101, 40 CFR 1039.102, 40 CFR 1039.104, 40 CFR 1039.105, 40 CFR 1039.107, and 40 CFR 1039.115, as applicable, for all pollutants, for the same model year and maximum engine power. [This paragraph 60.4201(a) is applicable to Source 131, the 6.6 liter, 225.3 hp, engine, as referenced by 60.4204(b). Emission Restrictions from Table 1 of 40 CFR §89.112 apply and opacity restrictions from 40 CFR §89.113 apply. These restrictions are printed below in this permit condition. The remaining citations to 40 CFR Part 1039 as referenced in this paragraph 60.4201(a) do not apply to this source.]

(b) - (c) [Paragraphs (b) and (c) of 40 CFR §40.4201 are not applicable to these engines.]

(d) Stationary CI internal combustion engine manufacturers must certify the following non-emergency stationary CI ICE to the certification emission standards for new marine CI engines in 40 CFR 94.8, as applicable, for all pollutants, for the same displacement and maximum engine power:

(1) Their 2007 model year through 2012 non-emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder; [This paragraph 60.4201(d) is applicable to Source 130, the 12.5 liter, 440 hp engine, as referenced by 60.4204(b).]

(2) - (3) [Paragraphs (d)(2) and (d)(3) of §40.4201 are not applicable to these engines.]

(e) - (h) [Paragraphs (e) through (h) of 40 CFR §40.4201 are not applicable to these engines.]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37967, June 28, 2011; 81 FR 44219, July 7, 2016]

§ 89.112 Oxides of nitrogen, carbon monoxide, hydrocarbon, and particulate matter exhaust emission standards.
[Applicable to Source 131]

(a) Exhaust emission from nonroad engines to which this subpart is applicable shall not exceed the applicable exhaust emission standards contained in Table 1, as follows:

[For Source 131, applicable category in Table 1 of 89.112 is 130<=KW<225 (175<=HP<300) Tier 3 and the restrictions are printed here. Non-applicable categories are omitted from this permit.]

NMHC + NOx: 4.0 g/kW-hr;

PM: 0.20 g/kW-hr;

[The CO limit from 89.112 Table 1 is streamlined out of the permit in favor of the more stringent limit of 2.0 g/bhp-hr from the GP9.]

[59 FR 31335, June 17, 1994. Redesignated and amended at 63 FR 56995, 57000, Oct. 23, 1998; 69 FR 39212, June 29, 2004; 70 FR 40444, July 13, 2005]



SECTION E. Source Group Restrictions.

§ 89.113 Smoke emission standard. [Applicable to Source 131]

- (a) Exhaust opacity from compression-ignition nonroad engines for which this subpart is applicable must not exceed:
 - (1) 20 percent during the acceleration mode;
 - (2) 15 percent during the lugging mode; and
 - (3) [The smoke emission standard of 40 CFR 89.113(a)(3) is streamlined out of the permit by the standard from BAQ-GPA/GP9-10-345B (6/2006) Condition 7.b.vi.B.]
- (b) Opacity levels are to be measured and calculated as set forth in 40 CFR part 86, subpart I. Notwithstanding the provisions of 40 CFR part 86, subpart I, two-cylinder nonroad engines may be tested using an exhaust muffler that is representative of exhaust mufflers used with the engines in use.
- (c) Not applicable.

[59 FR 31335, June 17, 1994. Redesignated and amended at 63 FR 56995, 57003, Oct. 23, 1998]

§ 94.8 Exhaust emission standards. [Applicable to Source 130]

[40 CFR §94.8 Table A-1 Category 2 for engine displacement of greater than or equal to 5.0 and less than 15.0 applies to Source 130 and is reprinted as follows. The non-applicable text and non-applicable categories are omitted from this permit.]

THC + NOx: 7.8 g/kW-hr (5.8 g/hp-hr)

PM: 0.27 g/kW-hr (0.20 g/hp-hr)

The CO limit from 94.8 Table A-1 is streamlined out of the permit in favor of the more stringent limit of 2.0 g/bhp-hr from the GP9.]

[64 FR 73331, Dec. 29, 1999, as amended at 67 FR 68342, Nov. 8, 2002; 68 FR 9782, Feb. 28, 2003; 68 FR 54960, Sept. 19, 2003; 72 FR 68525, Dec. 5, 2007]

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4204]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What emission standards must I meet for non-emergency engines if I am an owner or operator of a stationary CI interna

- (a) [Paragraph (a) of 40 CFR §60.4204 is not applicable to these engines.]
- (b) Owners and operators of 2007 model year and later non-emergency stationary CI ICE with a displacement of less than 30 liters per cylinder must comply with the emission standards for new CI engines in § 60.4201 for their 2007 model year and later stationary CI ICE, as applicable.
- (c) - (f) [Paragraphs (c) through (f) of 40 CFR §60.4204 are not applicable to these engines.]

[Source: 71 FR 39172, July 11, 2006, as amended at 76 FR 37968, June 28, 2011; 81 FR 44219, July 7, 2016]

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine

Owners and operators of stationary CI ICE must operate and maintain stationary CI ICE that achieve the emission standards as required in §§ 60.4204 and 60.4205 over the entire life of the engine.

[76 FR 37969, June 28, 2011]

**SECTION E. Source Group Restrictions.****Fuel Restriction(s).****# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

(a) [No longer applicable.]

(b) Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(b) [printed in this condition below] for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

(c) [Reserved]

(d) - (e) Not applicable.

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011; 78 FR 6695, Jan. 30, 2013]

40 CFR § 80.510 What are the standards and marker requirements for NRLM diesel fuel and ECA marine fuel?

80.510(b) Beginning June 1, 2010 . Except as otherwise specifically provided in this subpart, all NR [NonRoad] and LM [Locomotive or Marine] diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content.

(i) 15 ppm maximum for NR diesel fuel.

(ii) [Not applicable]

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

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

[69 FR 39168, June 29, 2004, as amended at 70 FR 40895, July 15, 2005; 75 FR 22969, Apr. 30, 2010; 77 FR 61293, Oct. 9, 2012]

II. TESTING REQUIREMENTS.**# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4212]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What test methods and other procedures must I use if I am an owner or operator of a stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder?**

[See regulation for 40 CFR §60.4212 for performance test methods which are required if engines are not installed, configured, operated and maintained as required by 40 CFR §60.4211.]

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.**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?**

**SECTION E. Source Group Restrictions.**

(a) Owners and operators of non-emergency stationary CI ICE that are greater than 2,237 KW (3,000 HP), or have a displacement of greater than or equal to 10 liters per cylinder, or are pre-2007 model year engines that are greater than 130 KW (175 HP) and not certified, must meet the requirements of paragraphs (a)(1) and (2) of this section.

(1) [The Initial Notification required by Paragraph (a)(1) of 40 CFR §60.4214 is a one-time requirement and is considered to have been met by plan approval GP9-10-345B.]

(2) Keep records of the information in paragraphs (a)(2)(i) through (iv) of this section.

(i) All notifications submitted to comply with this subpart and all documentation supporting any notification.

(ii) Maintenance conducted on the engine.

(iii) If the stationary CI internal combustion is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards.

(iv) [Paragraph (a)(2)(iv) of 40 CFR §60.4214 is not applicable because this source is a certified engine.]

(b) - (e) [Paragraphs (b) through (e) of 40 CFR §60.4214 are not applicable to this source.]

[71 FR 39172, July 11, 2006, as amended at 78 FR 6696, Jan. 30, 2013; 81 FR 44219, July 7, 2016]

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

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) If you are an owner or operator and must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under paragraph (g) of this section:

(1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

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

(3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you.

(b) [Paragraph (b) of 40 CFR 60.4211 is not applicable to these engines.]

(c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in § 60.4204(b), you must comply by purchasing an engine certified to the emission standards in § 60.4204(b), as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in paragraph (g) of this section. [Non-applicable text is omitted from this paragraph.]

(d) - (f) [Paragraphs (d) through (f) of 40 CFR 60.4211 are not applicable to these engines.]

(g) If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must demonstrate compliance as follows:

(1) [Paragraph (g)(1) of 40 CFR 60.4211 is not applicable to these engines.]

SECTION E. Source Group Restrictions.

(2) If you are an owner or operator of a stationary CI internal combustion engine greater than or equal to 100 HP and less than or equal to 500 HP, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer.

(3) [Paragraph (g)(3) of 40 CFR 60.4211 is not applicable to these engines.]

(h) [Paragraph (h) of 40 CFR 60.4211 is not applicable to these engines.]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37970, June 28, 2011; 78 FR 6695, Jan. 30, 2013; 81 FR 44219, July 7, 2016]

VII. ADDITIONAL REQUIREMENTS.

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4218]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What parts of the General Provisions apply to me?**

Table 8 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to you.

[Source: 71 FR 39172, July 11, 2006]

**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §Subpart IIII for Reg 40 Part 60 Table 8]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Applicability of General Provisions to Subpart IIII**

[See regulation for Table 8 to 40 CFR Part 60 Subpart IIII for the General Provisions of Part 60 Subpart A which are applicable to Subpart IIII.]



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
130	CATERPILLAR C13 DIESEL ENGINE (440 BHP) (PORTABLE CRUSHER)		
Emission Limit			Pollutant
2.000	GRAMS/HP-Hr		CO
1.000	GRAMS/HP-Hr		Hydrocarbon
6.900	GRAMS/HP-Hr		NOX
0.200	GRAMS/KW-Hr	For Source 130	TSP
0.270	GRAMS/KW-Hr	For Source 131	TSP
131	CATERPILLAR C6.6 DIESEL ENGINE (225 BHP) (PORTABLE SCREEN)		
Emission Limit			Pollutant
2.000	GRAMS/HP-Hr		CO
1.000	GRAMS/HP-Hr		Hydrocarbon
6.900	GRAMS/HP-Hr		NOX
0.200	GRAMS/KW-Hr	For Source 130	TSP
0.270	GRAMS/KW-Hr	For Source 131	TSP

Site Emission Restriction Summary

Emission Limit		Pollutant
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**SECTION H. Miscellaneous.**

- (a) The location address for this plant is:
102 Van Dyke Road
Harrisville, PA 16038
- (b) The Capacity/Throughput numbers listed in Section A, the Site Inventory List, 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 Restrictions section for each source and source group and in Section C. The emission limitations contained in Section G of this permit are for informational purposes and are not to be considered as enforceable limits.
- (c) Source ID: Department assigned ID number for the source
Source Name: Department assigned name for the source
Capacity/Throughput: The maximum capacity or throughput for the source (not a limit)
Fuel/Material: The fuel/material assigned to SCC for the source
Schematics:
FML: Fuel material location
CU: Combustion Unit source
PROC: Process
CNTL: Control device
STAC: Emission point / Stack
- (d) The following is a breakdown of equipment associated with each permitted source:
- (1) Source 101 - Primary Crushing Station
 - (A) Raw Material Dump Hopper (Mesto/Seco 54" x 24') (800 tph)
 - (B) Rock Breaker
 - (C) Mesto C140 Jaw Crusher 400 tph
 - (D) Conveyor C1 (42" x 83') (800 tph)
 - (E) Transfer Bin with Overflow Chute and Syntron Feeder (800 tph)
 - (F) Conveyor C5, Surge Pile Conveyor (35" x 260') (800 tph)
 - (G) Surge Pile (210' diameter) Tunnel (3 MF 200 Syntron Feeders) (800 tph)
 - (2) Source 102 - Scalping Screen Station
 - (A) Conveyor C2 (36" x 153') to scalping screen
 - (B) Conveyor C3 (36" x 136') to transfer bin to surge pile
 - (C) Transfer Bin with Syntron Feeder to Conveyor C5
 - (D) Tabor Scalping Screen (6' x 16') Triple Deck Inclined Screen (800 tph)
 - (E) Conveyor C4 (36" x 22') to Radial Stacker
 - (F) Radial Stacker C18 (24" x 120') to 2A modified
 - (G) Radial Stacker C13 (36" x 120') to R-3 Rip Rap (also swings over to # 1's)
 - (H) R-3 Load-out Bin (20' x 20')
 - (3) Source 103 - Secondary Crushing Station
 - (A) Tunnel Conveyor C6 (36" x 310') to Secondary Crushing Station
 - (B) Tabor 3 Deck Inclined Screen (6' x 16')
 - (C) HP400 Cone Crusher (454 tph)
 - (D) HP300 Cone Crusher (219 tph)
 - (E) Conveyor C14 (24" x 123') for #3's material
 - (F) #3's Material bin (200 tons)
 - (G) #3's Load-out Bin
 - (4) Source 104 - Tertiary Crushing Station
 - (A) Conveyor C7 (36" x 43') (800 tph)
 - (B) Conveyor C8 (36" x 123')
 - (C) Conveyor C10 (24" x 119') (300 tph)
 - (D) Surge Bin (300 tph)
 - (E) Mesto 400 HP Cone Crusher (800 tph) (This replacement was RFD approved on June 19, 2013.)
 - (5) Source 105 - Dry Dust Screen Station
 - (A) Tabor (8' x 24') 3-Deck Inclined Screen

**SECTION H. Miscellaneous.**

- (B) Conveyor C9 (36" x 25')
- (C) Radial Stacker C19 (24" x 120')
- (D) Conveyor C11 (36" x 140')

- (6) Source 106 - Wash Screen Station
 - (A) Conveyor C12 (36" x 123')
 - (B) McLanahan (44" x 20') Coarse Material Screw Washer
 - (C) Tabor (8' x 20') 3-Deck Inclined Screen Wet Wash Station
 - (D) Conveyor C16 (24" x 150')
 - (E) #57's Load-out Bin (20' x 20') (200 tons)
 - (F) Conveyor C17 (24" x 200') (200 tph)
 - (G) Radial Stacker C22 (24" x 150')
 - (H) McLanahan (36" x 35') Double fine Material Screw Washer
 - (I) Radial Stacker C21 (24" x 120')
 - (J) Conveyor C15 (24" x 60')
 - (K) Radial Stacker C20 (24" x 120')

- (7) Source 107 - Storage Piles
 - (A) R-3 Material
 - (B) 2A Modified
 - (C) Dust
 - (D) #9's Material
 - (E) Washed Sand
 - (F) #8's Material
 - (G) #3's Material from Load-out Bin
 - (H) #57's Material from Load-out Bin

- (8) Source 111 is a remote reservoir Part Washer using Mineral Spirits, located in the oil trailer.

- (9) Source 120, the Portable KPI model FT3055 Track Mounted Jaw Crusher with a rated capacity of 450 tph, purchased new in 2012; it is powered by the diesel engine of Source 130.

- (10) Source 121, JCT Vibratory Screen. This is a Portable JCI model FT6203 vibratory screen with a rated capacity of 450 tph, purchased new in 2012; it is powered by the diesel engine of Source 131.

- (11) Source 122, Vibratory Screen Conveyor Systems. This source consists of Portable KPI Series 13, 30-inch by 80 feet system of conveyors -- 2 in-plant and 3 stacking -- with a capacity of 400 tph. The conveying system has 3 drop points plus the dump point to the crusher. It is also powered by the diesel engine of Source 131.

- (12) Source 130 - Caterpillar C13 diesel engine, 440 bhp, 12,5 liter, manufactured 03/09/2011.
 - (A) This engine is used to power Source 120, the Portable KPI model FT3055 Track Mounted Jaw Crusher with a rated capacity of 450 tph.
 - (B) This engine is an EPA certified engine. Manufacturer certification documents were received with the application for General Plan Approval GP-9-10-345B.
 - (C) This source is also permitted at the Rose Point Plant and may be relocated to that plant in Portersville as needed and returned to this site. Since it is not known how long the engine will be remain at this site, the engine is considered to be a Stationary source, as opposed to a non-road engine, for purposes of determining applicability to 40 CFR Part 60 Subpart IIII.

- (13) Source 131 - Caterpillar C6.6 diesel engine, 225.3 bhp, 6.6 liter, manufactured 12/06/2008.
 - (A) This engine is used to power the portable the portable screening and conveying systems of Sources 121 and 122.
 - (B) This engine is an EPA certified engine. Manufacturer certification documents were received with the application for General Plan Approval GP-9-10-345B.
 - (C) This source is also permitted at the Rose Point Plant and may be relocated to that plant in Portersville as needed and returned to this site. Since it is not known how long the engine will be remain at this site, the engine is considered to be a Stationary source, as opposed to a non-road engine, for purposes of determining applicability to 40 CFR Part 60 Subpart IIII.

- (e) This permit was issued on November 7, 2007.

- (f) The following sources/activities have been determined to be of minor significance with respect to emissions of regulated air

**SECTION H. Miscellaneous.**

pollutants and have no applicable emission, testing, monitoring, recordkeeping, or reporting requirements.

- One tank for diesel fuel storage and three tanks for used oil storage located next to the oil trailer.

(g) The following regulations are incorporated into this permit by reference to the regulation.

- 40 CFR Part 60 Subpart OOO Table 3 -- Fugitive Emission Limits for Nonmetallic Mineral Processing Plants.
- 40 CFR Part 60 Subpart OOO Table 1 -- Exceptions to Applicability of Subpart A to Subpart OOO for Nonmetallic Mineral Processing Plants.

(h) All information required to be submitted to the Administrator under 40 CFR Part 60 shall be submitted to the Department at the following address.

Bureau of Air Quality
Department of Environmental Protection
230 Chestnut Street
Meadville, PA 16335

(i) The Sources associated with the permanent processing plant (ID's 101, 102, 103, 104, 105, 106, 107, 108, 109, 110) were installed in 2005. The Sources associated with the portable processing plant (ID's 120, 121, 122, 130, 131) were installed in 2012.

(j) This operating permit renewal effective August 5, 2013, is issued on August 5, 2013.

(k) This operating permit renewal effective February 5, 2019, is issued on February 5, 2019.



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